

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078661.D
 Acq On : 27 Jul 2023 14:57
 Operator : JC\MD
 Sample : VN0727MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

Quant Time: Jul 28 01:06:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	495374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	834791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	723228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	298144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316029	47.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.177	113	291309	51.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.820%		
50) Toluene-d8	10.571	98	1012929	47.316	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.640%		
62) 4-Bromofluorobenzene	12.853	95	323331	49.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	123871	20.395	ug/l	93
3) Chloromethane	2.371	50	167251	25.336	ug/l	99
4) Vinyl Chloride	2.518	62	177980	20.842	ug/l	96
5) Bromomethane	2.954	94	123156	19.798	ug/l	99
6) Chloroethane	3.118	64	118929	21.945	ug/l	98
7) Trichlorofluoromethane	3.501	101	201955	19.784	ug/l	95
8) Diethyl Ether	3.971	74	66002	19.406	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	106751	19.755	ug/l	92
10) Methyl Iodide	4.595	142	144916	19.516	ug/l #	88
11) Tert butyl alcohol	5.547	59	105340	102.865	ug/l	99
12) 1,1-Dichloroethene	4.348	96	105160	20.118	ug/l	98
13) Acrolein	4.195	56	93925	93.222	ug/l	99
14) Allyl chloride	5.030	41	128792	18.032	ug/l	94
15) Acrylonitrile	5.736	53	266369	102.948	ug/l	100
16) Acetone	4.448	43	200469	96.907	ug/l	98
17) Carbon Disulfide	4.718	76	272336	18.018	ug/l	100
18) Methyl Acetate	5.036	43	178936	20.433	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	343016	19.917	ug/l	99
20) Methylene Chloride	5.289	84	122912	19.980	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	111204	18.879	ug/l #	81
22) Diisopropyl ether	6.683	45	322222	20.148	ug/l	95
23) Vinyl Acetate	6.618	43	987778	97.151	ug/l #	92
24) 1,1-Dichloroethane	6.583	63	211253	19.603	ug/l	98
25) 2-Butanone	7.500	43	332106	101.986	ug/l	91
26) 2,2-Dichloropropane	7.500	77	170752	19.372	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	133312	19.564	ug/l	98
28) Bromochloromethane	7.818	49	103065	20.305	ug/l	93
29) Tetrahydrofuran	7.847	42	218515	102.266	ug/l #	84
30) Chloroform	7.971	83	227212	20.251	ug/l	95
31) Cyclohexane	8.265	56	172787	19.252	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	199687	19.851	ug/l	99
36) 1,1-Dichloropropene	8.377	75	162661	19.879	ug/l	98
37) Ethyl Acetate	7.571	43	138999	20.378	ug/l	95
38) Carbon Tetrachloride	8.371	117	184332	20.728	ug/l	94
39) Methylcyclohexane	9.606	83	149784	20.055	ug/l	88
40) Benzene	8.618	78	498939	20.582	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	68310	19.645	ug/l	94
42) 1,2-Dichloroethane	8.683	62	171449	20.794	ug/l	99
43) Isopropyl Acetate	8.700	43	249846	22.248	ug/l #	92
44) Trichloroethene	9.359	130	130665	20.000	ug/l	93
45) 1,2-Dichloropropane	9.630	63	123897	20.180	ug/l	98
46) Dibromomethane	9.712	93	89681	20.754	ug/l	92
47) Bromodichloromethane	9.894	83	176098	20.329	ug/l	95
48) Methyl methacrylate	9.688	41	105401	20.259	ug/l	90
49) 1,4-Dioxane	9.700	88	47197	415.977	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	706478	105.766	ug/l	94
52) Toluene	10.635	92	304733	20.283	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	176261	19.862	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	195591	20.677	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	128013	21.626	ug/l	95
56) Ethyl methacrylate	10.882	69	165215	19.967	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	204090	20.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	260615	88.378	ug/l	93
59) 2-Hexanone	11.200	43	499685	105.257	ug/l	93
60) Dibromochloromethane	11.365	129	133665	20.454	ug/l	100
61) 1,2-Dibromoethane	11.477	107	125489	20.580	ug/l	99
64) Tetrachloroethene	11.106	164	105437	19.391	ug/l	97
65) Chlorobenzene	11.900	112	333008	20.600	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	128179	20.611	ug/l	97
67) Ethyl Benzene	11.971	91	558896	20.453	ug/l	97
68) m/p-Xylenes	12.076	106	425445	42.110	ug/l	98
69) o-Xylene	12.406	106	209526	20.532	ug/l	98
70) Styrene	12.418	104	329767	20.656	ug/l	97
71) Bromoform	12.582	173	91478	21.719	ug/l #	100
73) Isopropylbenzene	12.700	105	515228	18.391	ug/l	98
74) N-amyl acetate	12.500	43	177531	18.389	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	176467	20.740	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	140915m	19.554	ug/l	
77) Bromobenzene	12.988	156	128266	20.131	ug/l	93
78) n-propylbenzene	13.041	91	570183	19.031	ug/l	98
79) 2-Chlorotoluene	13.129	91	367053	18.704	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	422069	19.068	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	47879	17.459	ug/l #	83
82) 4-Chlorotoluene	13.229	91	342242	18.695	ug/l	96
83) tert-Butylbenzene	13.441	119	352922	18.779	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	410317	19.084	ug/l	98
85) sec-Butylbenzene	13.623	105	442025	18.608	ug/l	96
86) p-Isopropyltoluene	13.735	119	369526	19.373	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	208351	19.373	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	199799	18.444	ug/l	99
89) n-Butylbenzene	14.059	91	261804	19.183	ug/l	97
90) Hexachloroethane	14.341	117	71816	19.996	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	197206	18.425	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	26894	18.857	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	52780	15.451	ug/l	97
94) Hexachlorobutadiene	15.506	225	39842	20.069	ug/l	96
95) Naphthalene	15.647	128	157406	13.479	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	68434	17.423	ug/l	98

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ClientSampleId :
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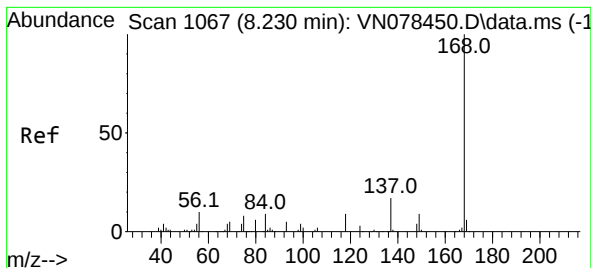
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

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Quant Title : SW846 8260
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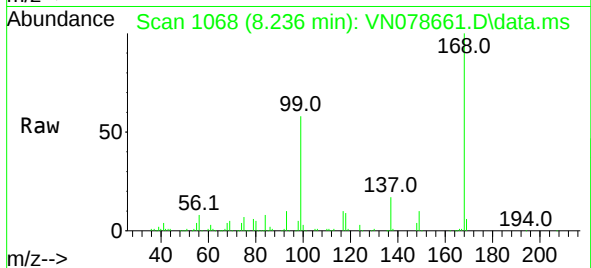
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

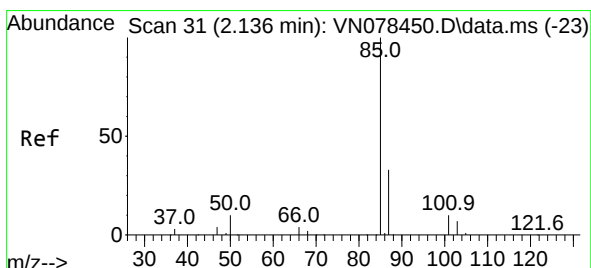
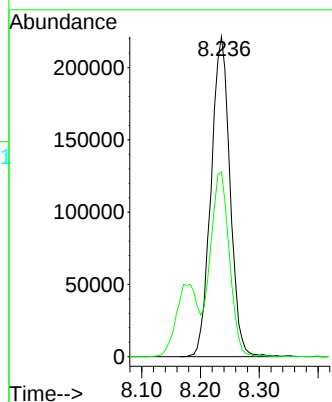
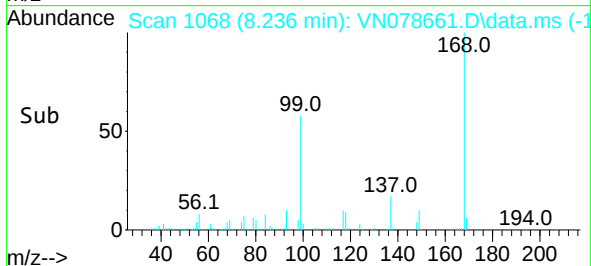
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion:168 Resp: 495374
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6

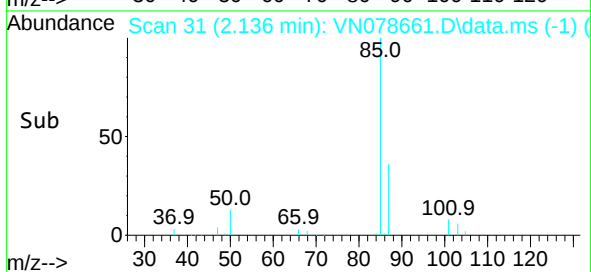
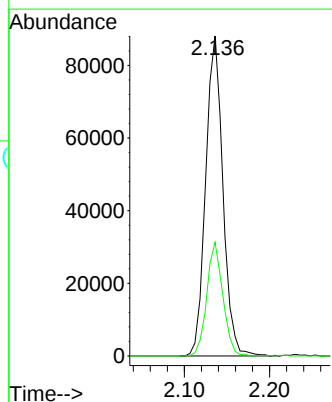
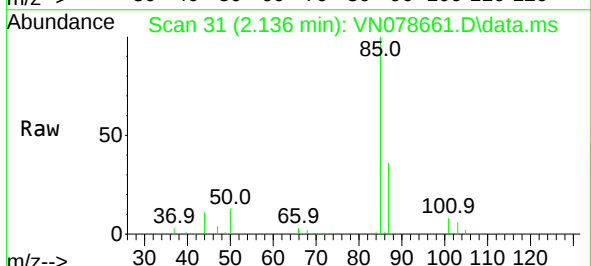
Manual Integrations
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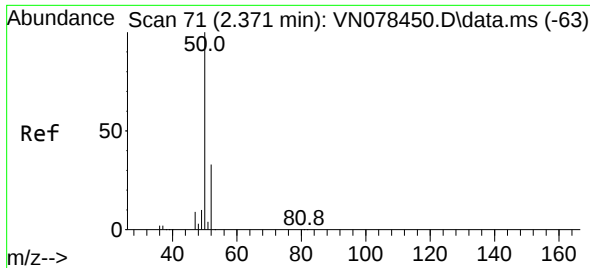
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 20.395 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

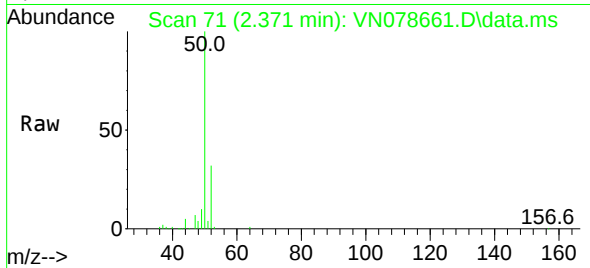
Tgt Ion: 85 Resp: 123871
Ion Ratio Lower Upper
85 100
87 35.5 15.8 47.4





#3
Chloromethane
Concen: 25.336 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

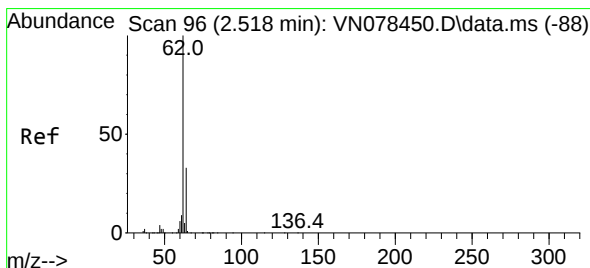
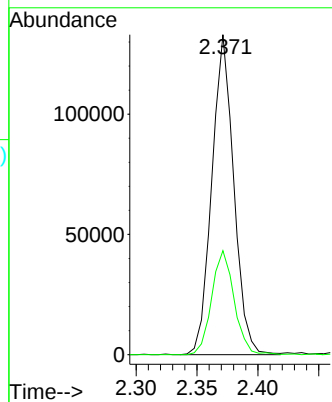
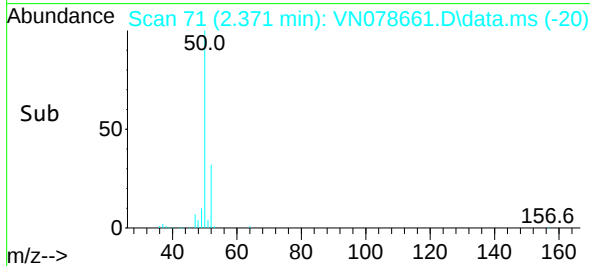
Instrument :
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ClientSampleId :
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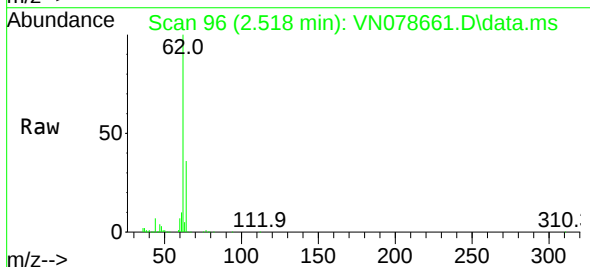
Tgt Ion: 50 Resp: 16725
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

Manual Integrations
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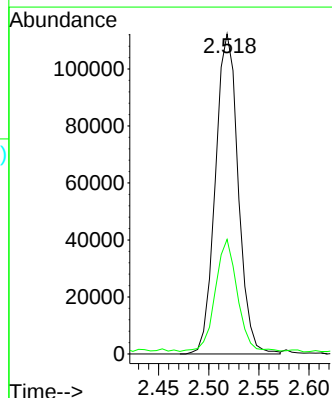
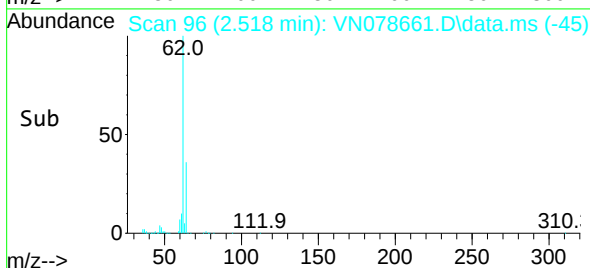
Reviewed By :John Carlone 07/28/2023
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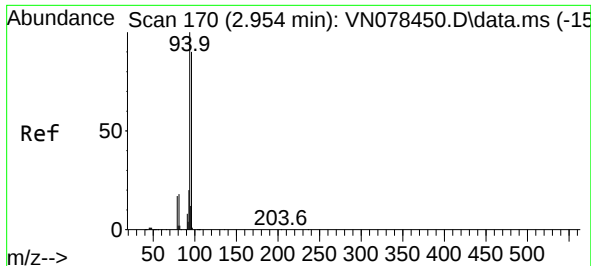


#4
Vinyl Chloride
Concen: 20.842 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



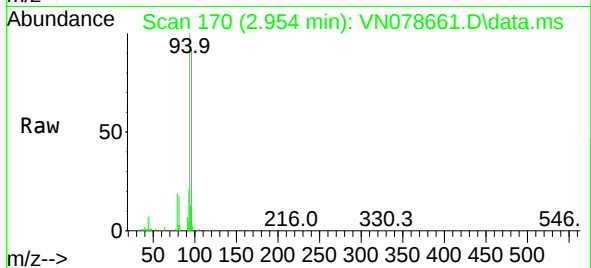
Tgt Ion: 62 Resp: 177980
Ion Ratio Lower Upper
62 100
64 35.0 26.2 39.2





#5
Bromomethane
Concen: 19.798 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

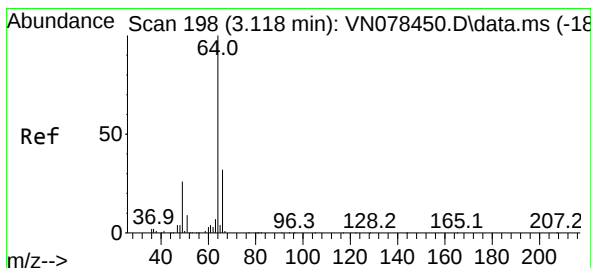
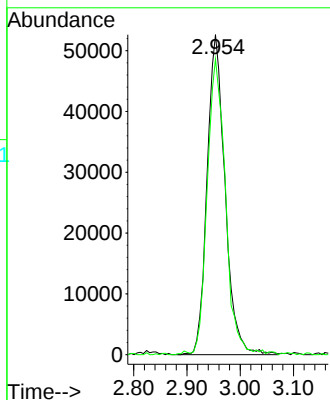
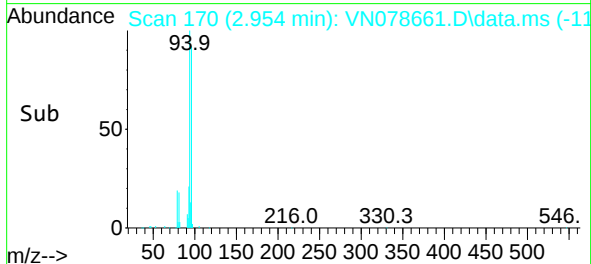
Instrument :
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Tgt Ion: 94 Resp: 123150
Ion Ratio Lower Upper
94 100
96 92.4 73.1 109.7

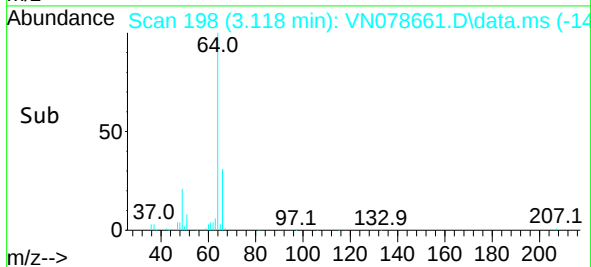
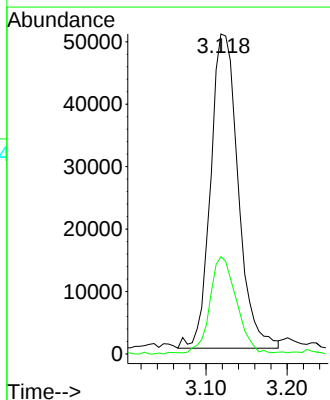
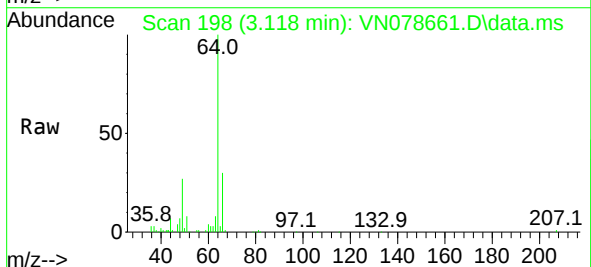
Manual Integrations
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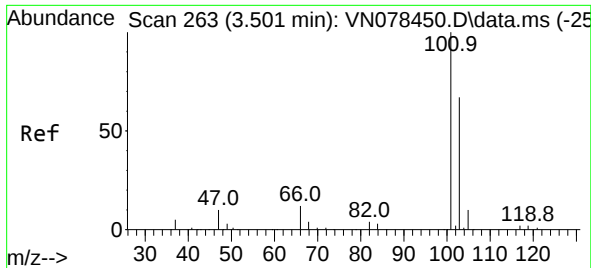
Reviewed By :John Carlone 07/28/2023
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#6
Chloroethane
Concen: 21.945 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078661.D
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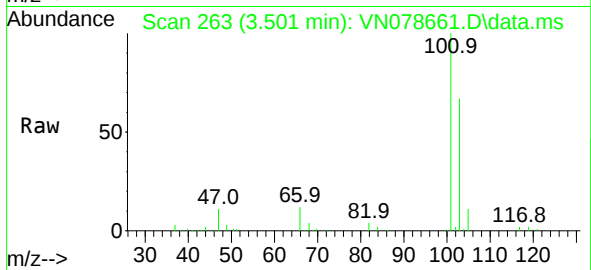
Tgt Ion: 64 Resp: 118929
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.784 ug/l
 RT: 3.501 min Scan# 20195
 Delta R.T. -0.000 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57

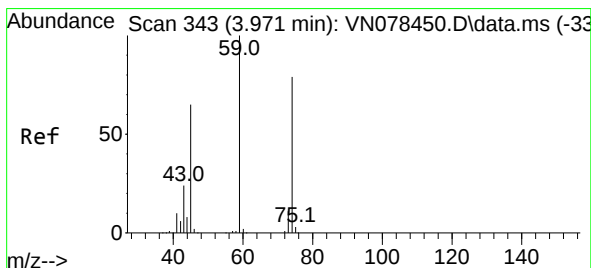
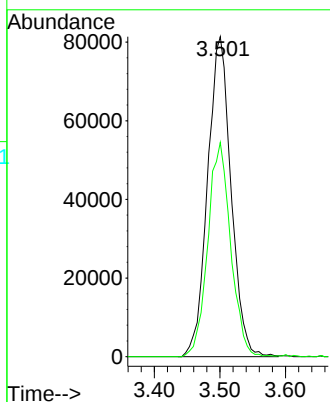
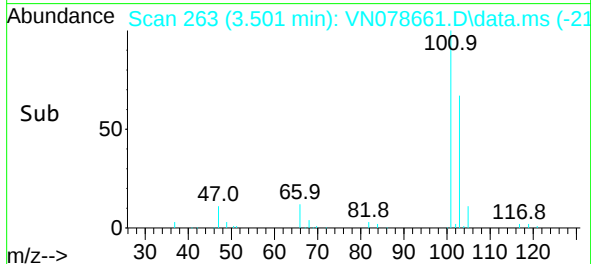
Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 20195
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.7 76.1

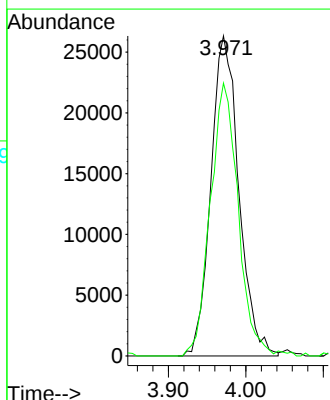
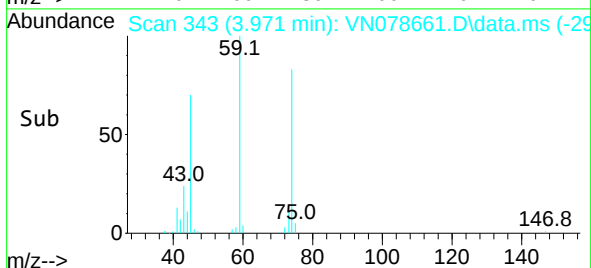
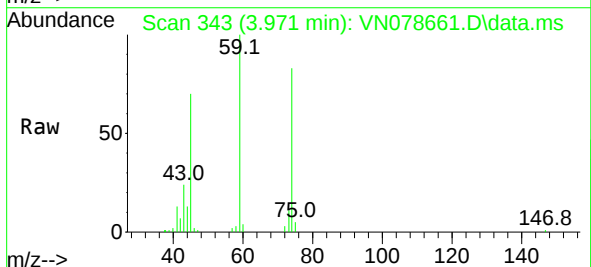
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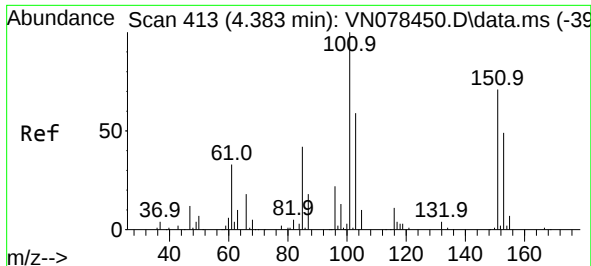
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#8
 Diethyl Ether
 Concen: 19.406 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078661.D
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Tgt Ion: 74 Resp: 66002
 Ion Ratio Lower Upper
 74 100
 45 84.6 34.4 103.3





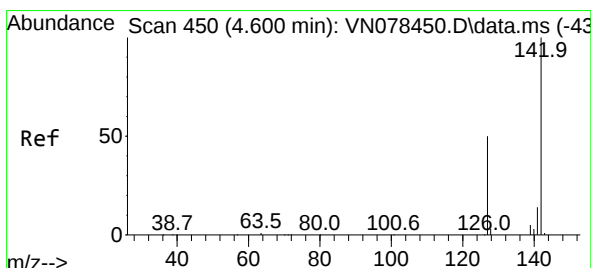
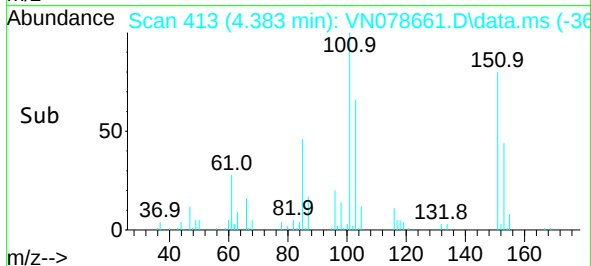
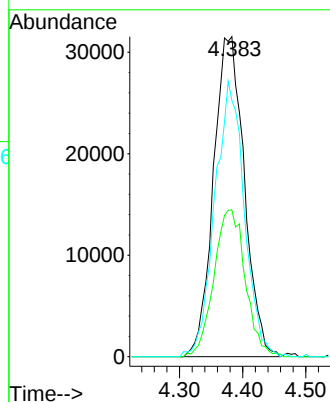
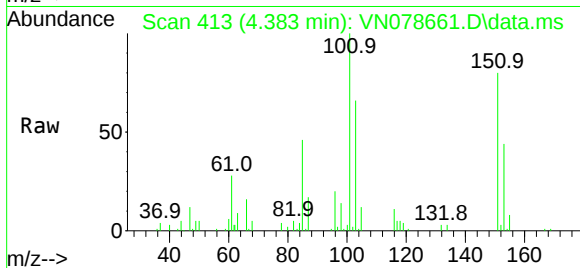
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.755 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02

Tgt Ion:101 Resp: 10675
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 82.6 57.6 86.4

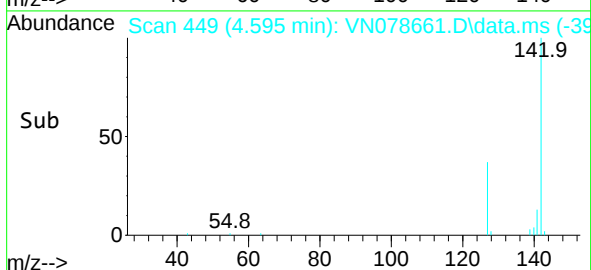
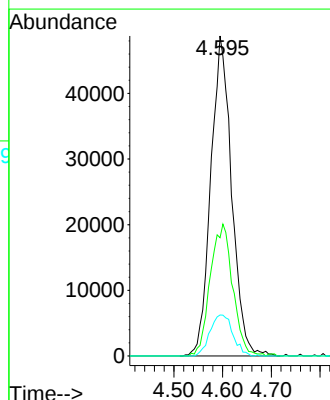
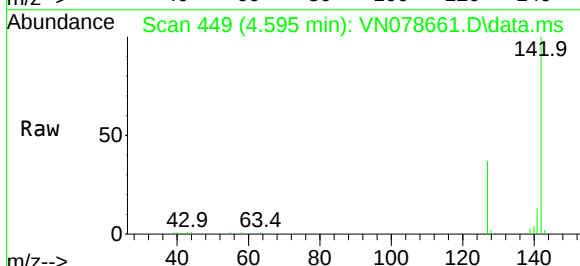
Manual Integrations
APPROVED

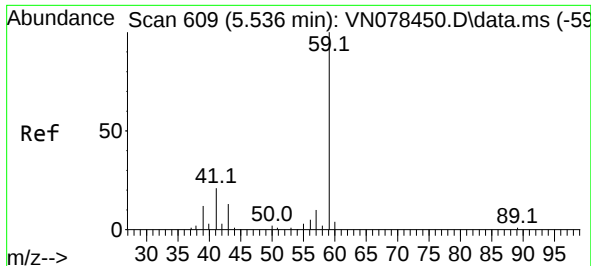
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Methyl Iodide
Concen: 19.516 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

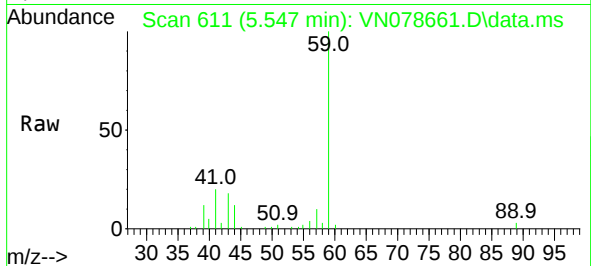
Tgt Ion:142 Resp: 144916
Ion Ratio Lower Upper
142 100
127 36.9 37.6 56.4#
141 12.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 102.865 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

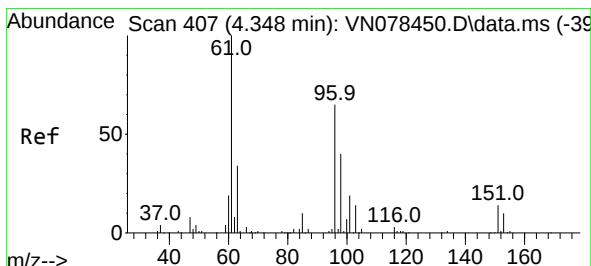
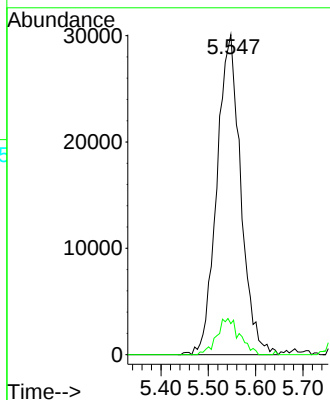
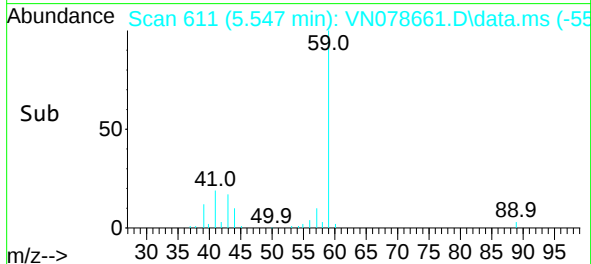
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 59 Resp: 105340
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

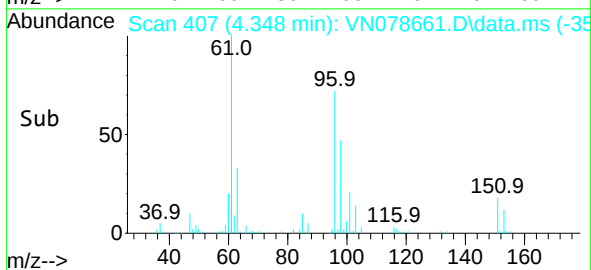
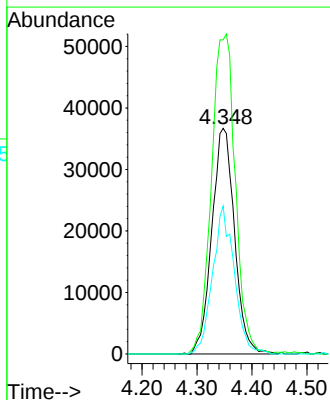
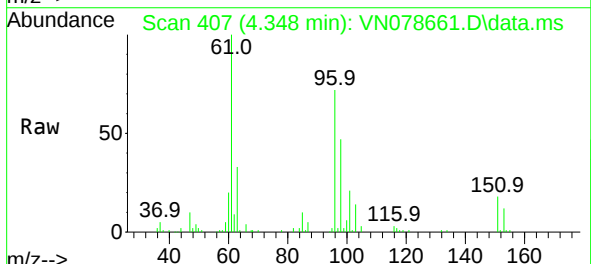
Manual Integrations
APPROVED

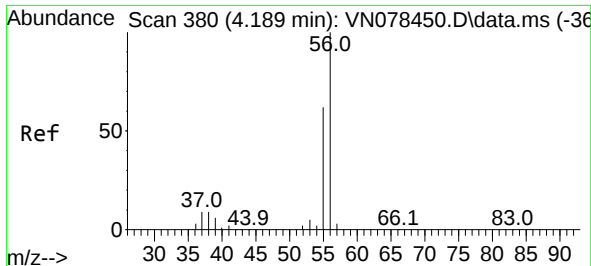
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#12
1,1-Dichloroethene
Concen: 20.118 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

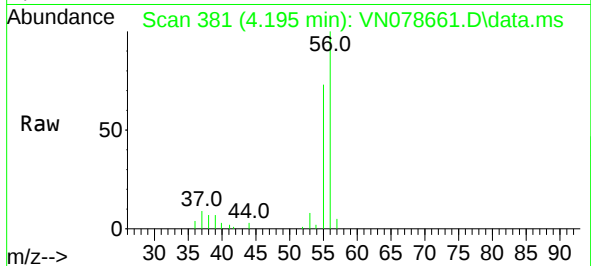
Tgt Ion: 96 Resp: 105160
Ion Ratio Lower Upper
96 100
61 139.3 112.7 169.1
98 65.6 51.2 76.8





#13
Acrolein
Concen: 93.222 ug/l
RT: 4.195 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

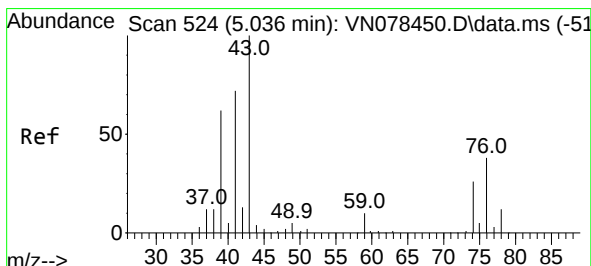
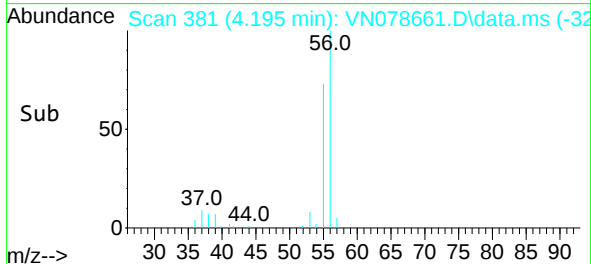
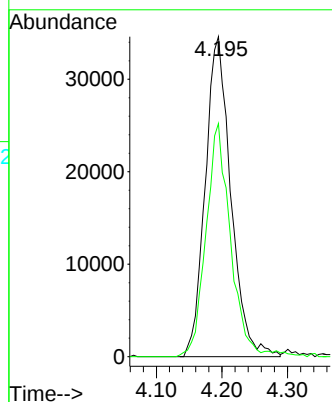
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 56 Resp: 93925
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7

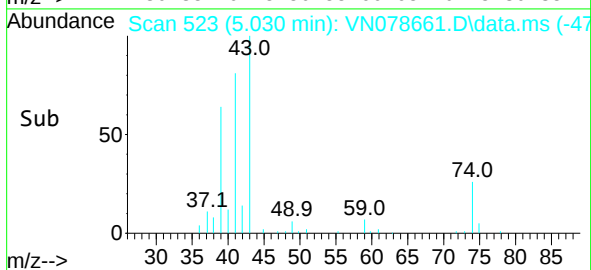
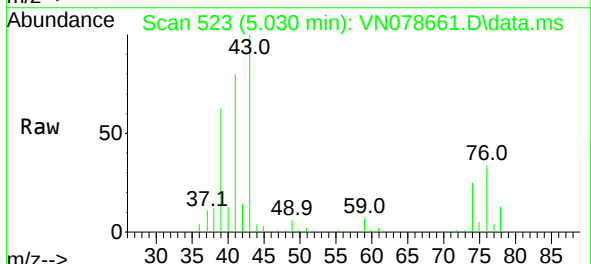
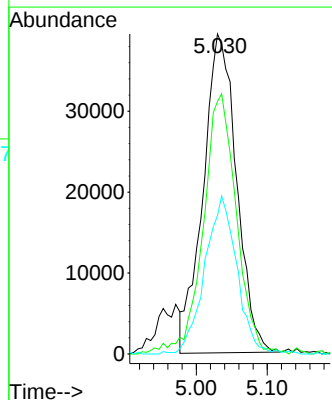
Manual Integrations
APPROVED

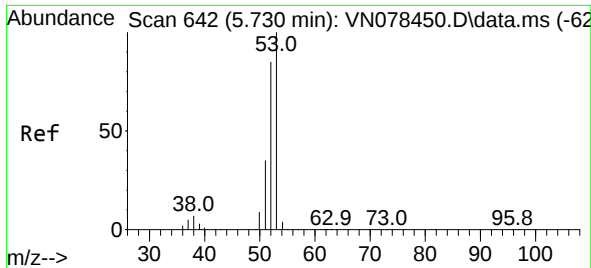
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#14
Allyl chloride
Concen: 18.032 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

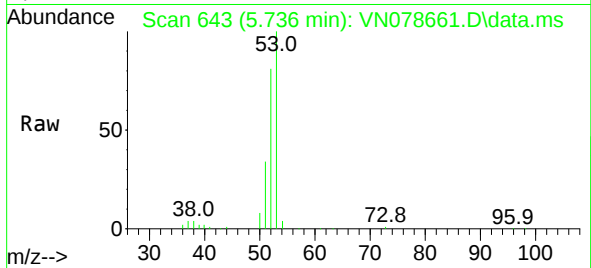
Tgt Ion: 41 Resp: 128792
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 47.5 39.1 58.7





#15
Acrylonitrile
Concen: 102.948 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

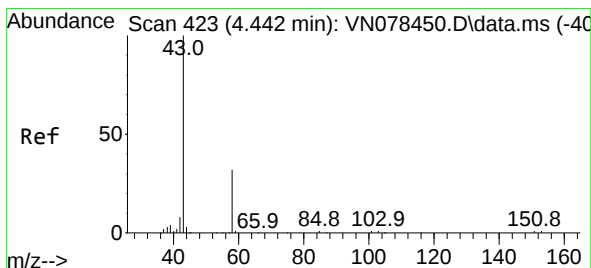
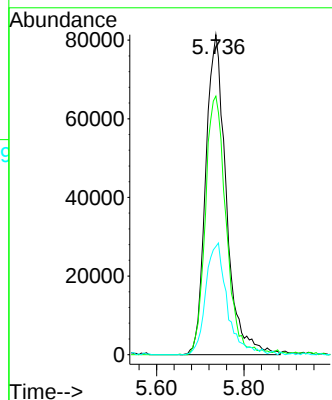
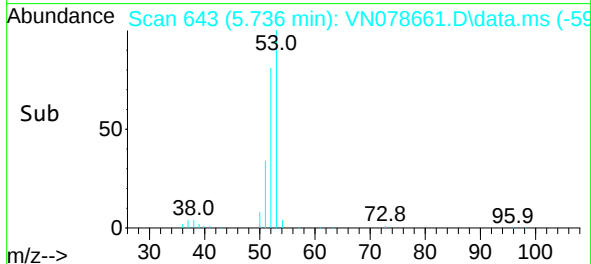
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



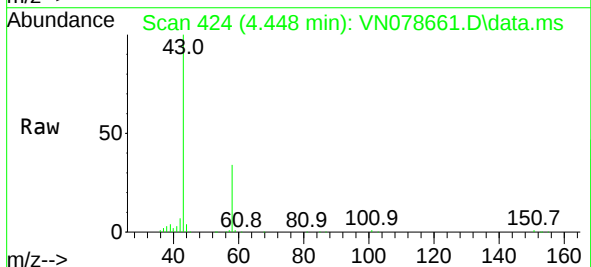
Tgt Ion: 53 Resp: 266369
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 36.4 28.9 43.3

Manual Integrations
APPROVED

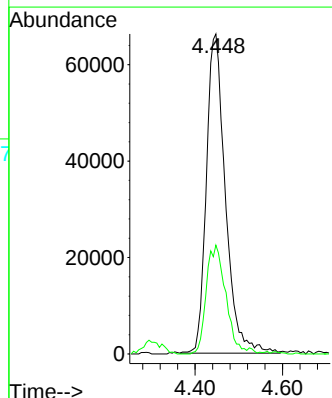
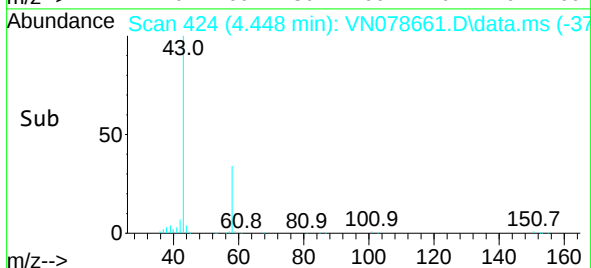
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

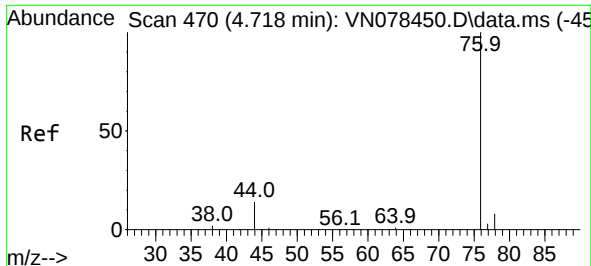


#16
Acetone
Concen: 96.907 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



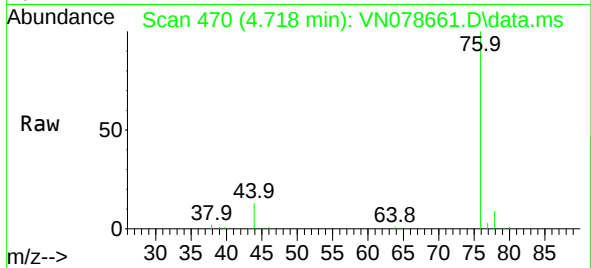
Tgt Ion: 43 Resp: 200469
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0





#17
Carbon Disulfide
Concen: 18.018 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

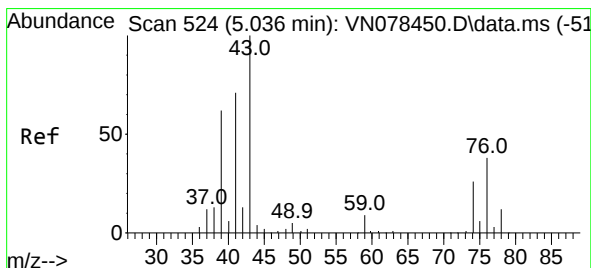
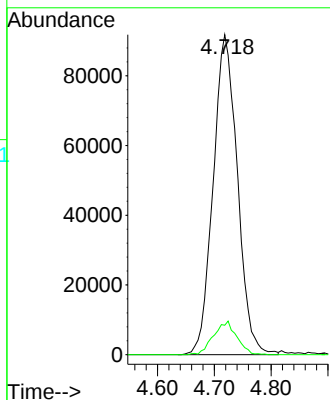
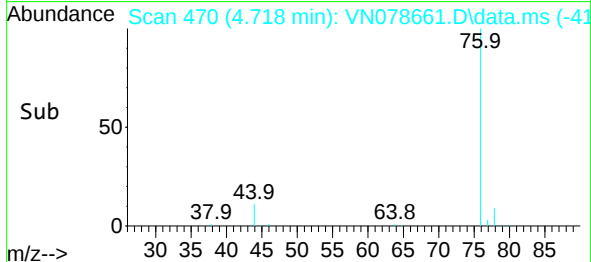
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



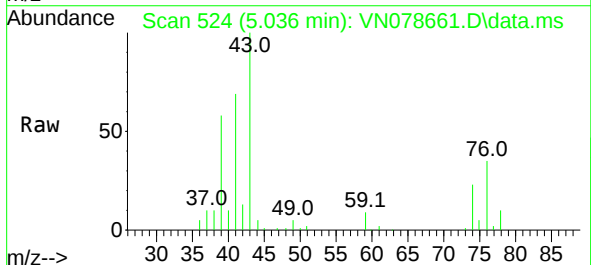
Tgt Ion: 76 Resp: 272336
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

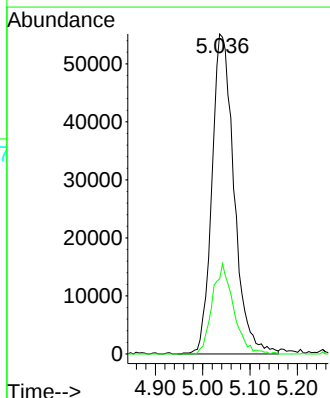
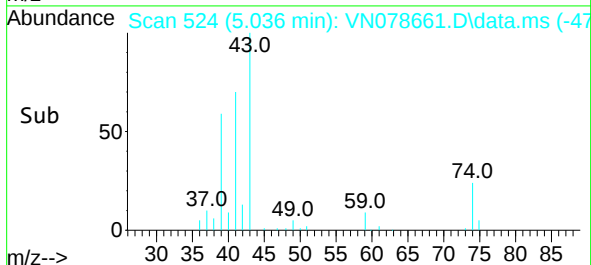
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

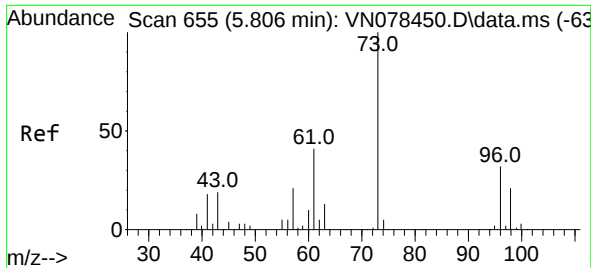


#18
Methyl Acetate
Concen: 20.433 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



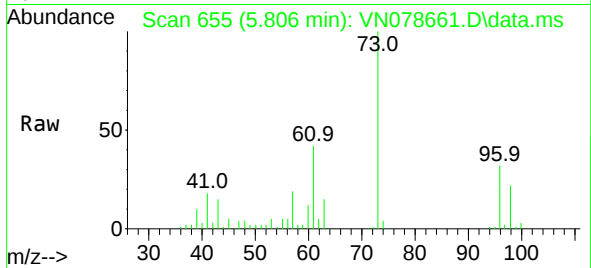
Tgt Ion: 43 Resp: 178936
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.917 ug/l
RT: 5.806 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

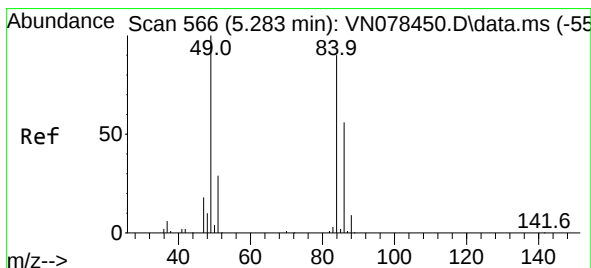
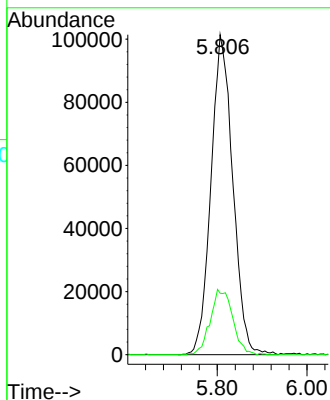
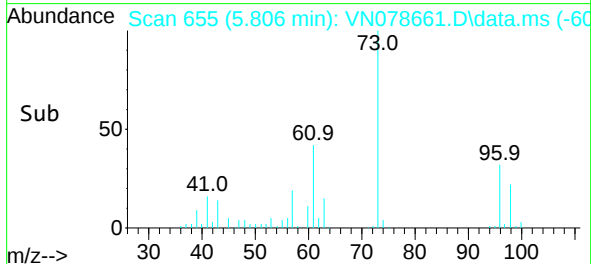
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



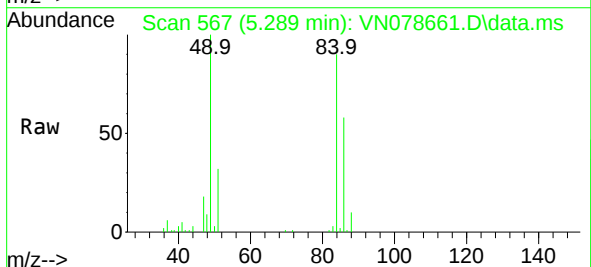
Tgt Ion: 73 Resp: 343010
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

Manual Integrations
APPROVED

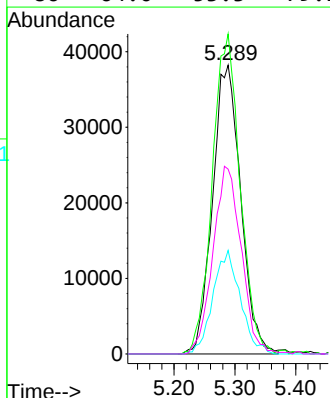
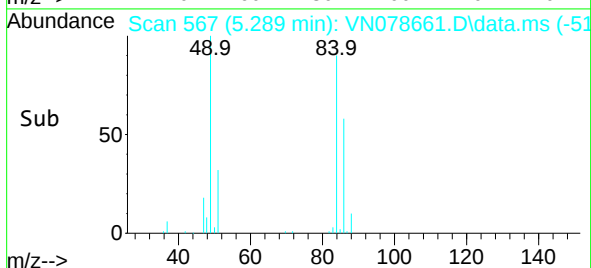
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

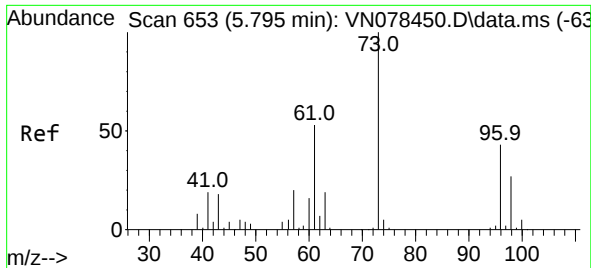


#20
Methylene Chloride
Concen: 19.980 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



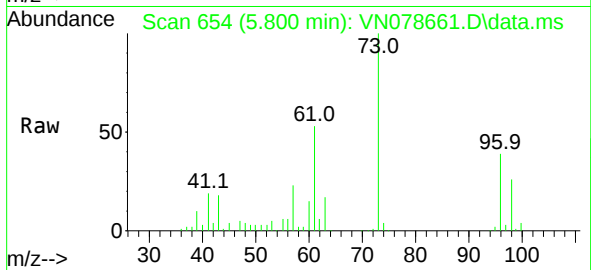
Tgt Ion: 84 Resp: 122912
Ion Ratio Lower Upper
84 100
49 110.8 79.7 119.5
51 35.9 25.2 37.8
86 64.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.879 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.005 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

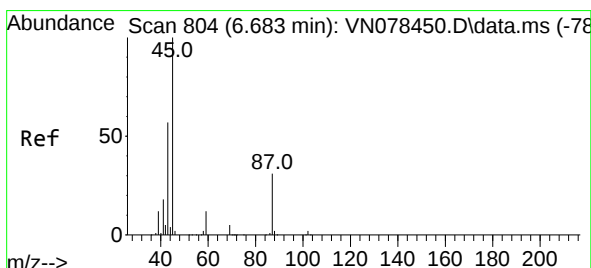
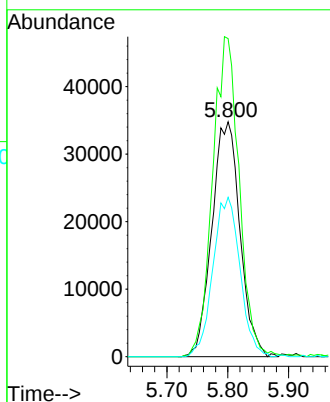
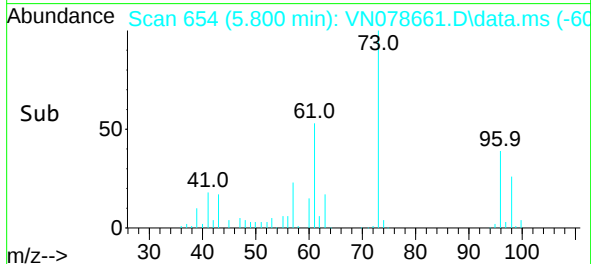
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 96 Resp: 111204
Ion Ratio Lower Upper
96 100
61 135.5 90.1 135.1
98 67.9 46.4 69.6

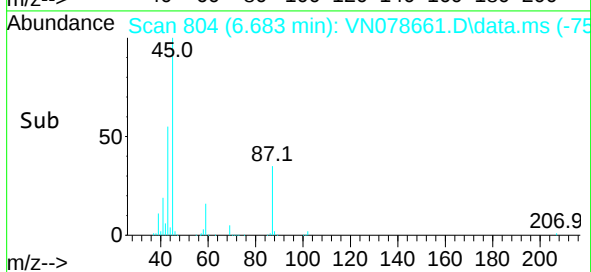
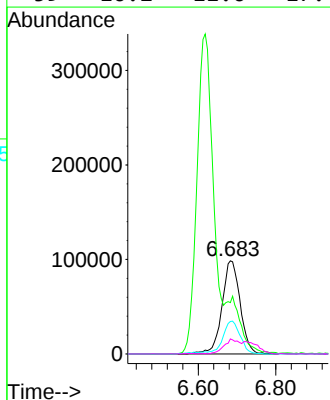
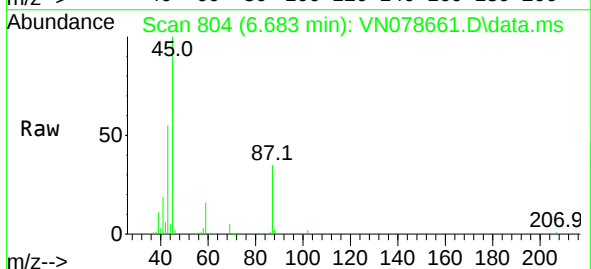
Manual Integrations
APPROVED

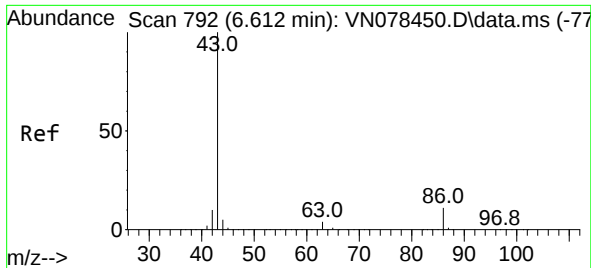
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#22
Diisopropyl ether
Concen: 20.148 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

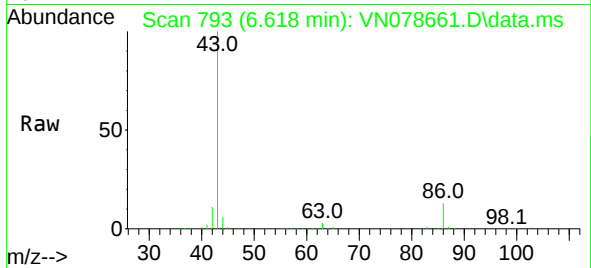
Tgt Ion: 45 Resp: 322222
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 34.9 31.8 47.8
59 16.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 97.151 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57

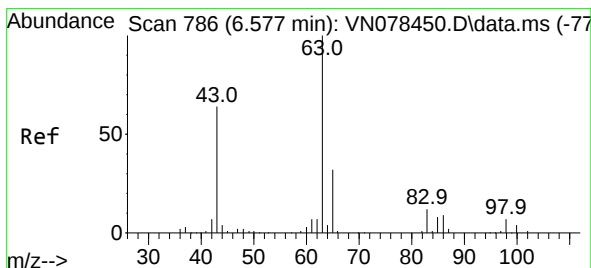
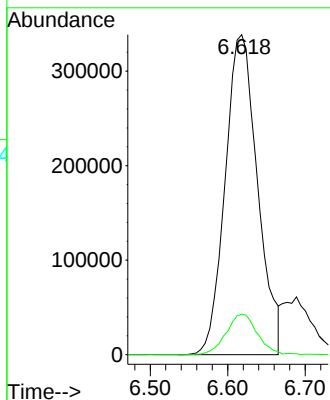
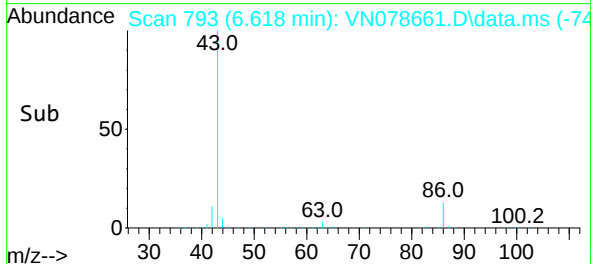
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS02



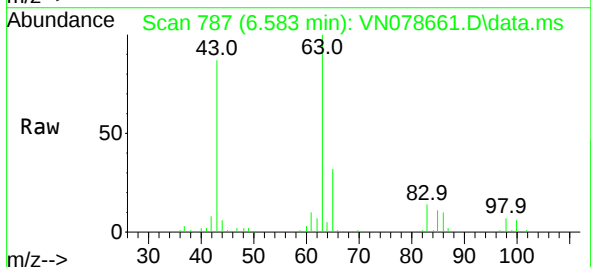
Tgt Ion: 43 Resp: 987778
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6

Manual Integrations
 APPROVED

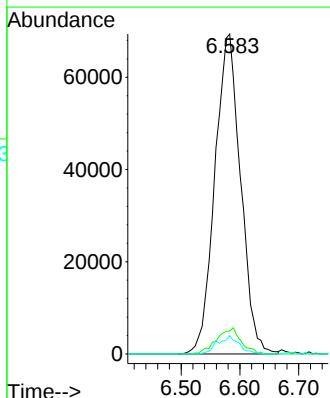
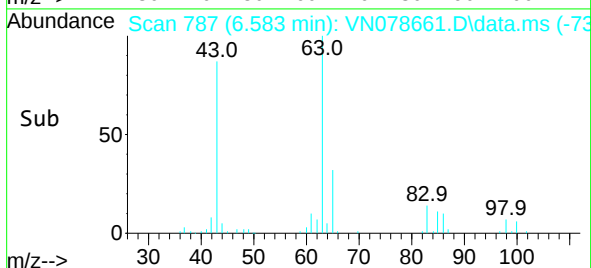
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

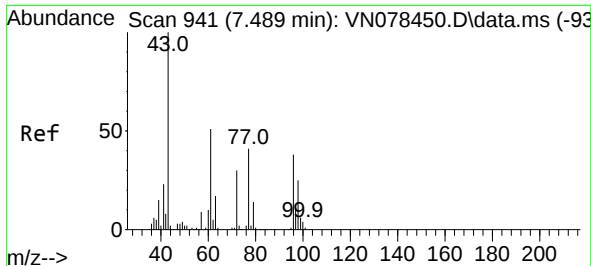


#24
 1,1-Dichloroethane
 Concen: 19.603 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57



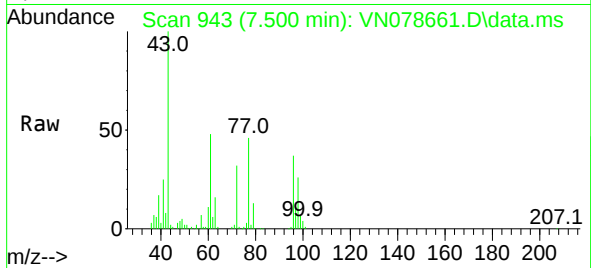
Tgt Ion: 63 Resp: 211253
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 5.7 2.5 7.4





#25
2-Butanone
Concen: 101.986 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

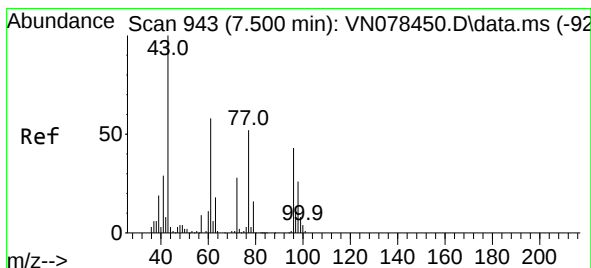
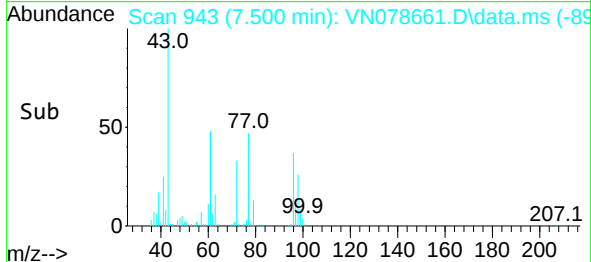
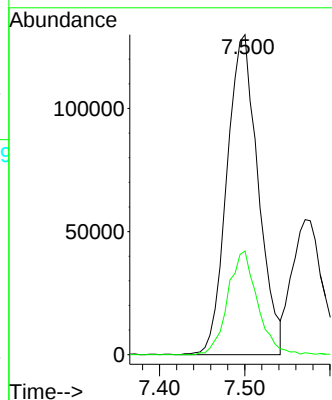
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 43 Resp: 332100
Ion Ratio Lower Upper
43 100
72 32.4 30.2 45.2

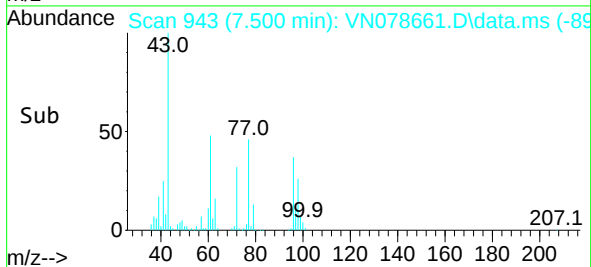
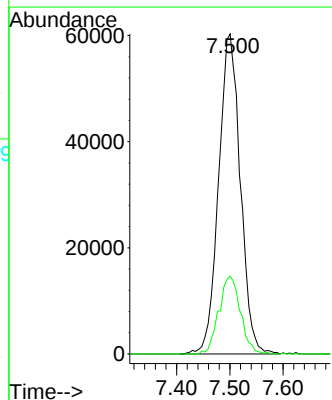
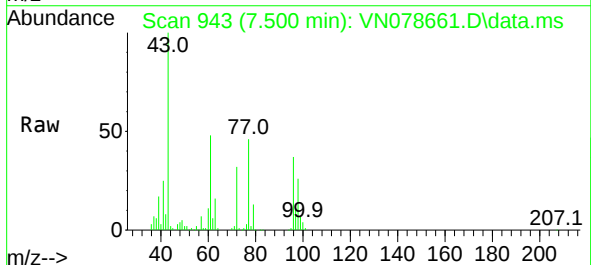
Manual Integrations
APPROVED

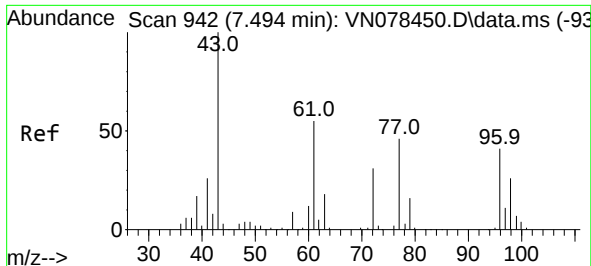
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
2,2-Dichloropropane
Concen: 19.372 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

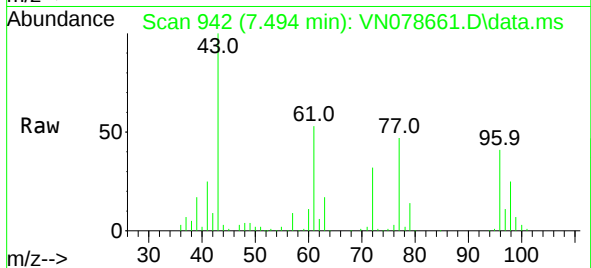
Tgt Ion: 77 Resp: 170752
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.564 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57

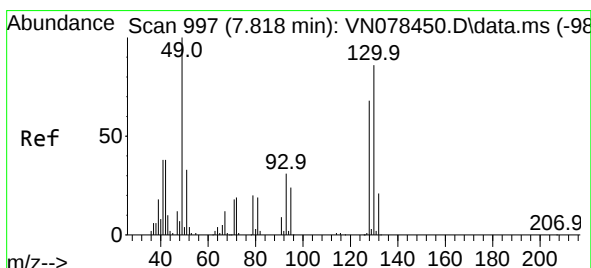
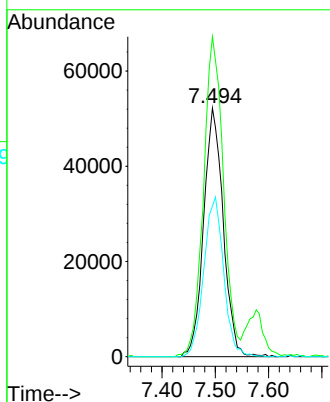
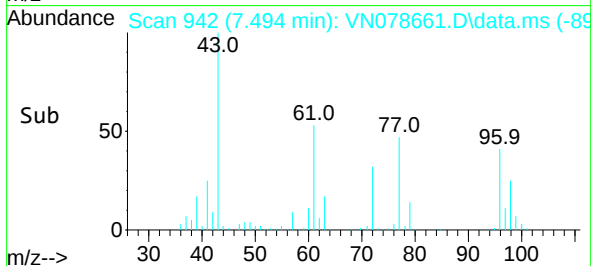
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS02



Tgt Ion: 96 Resp: 133312
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 255.2
 98 65.1 0.0 128.8

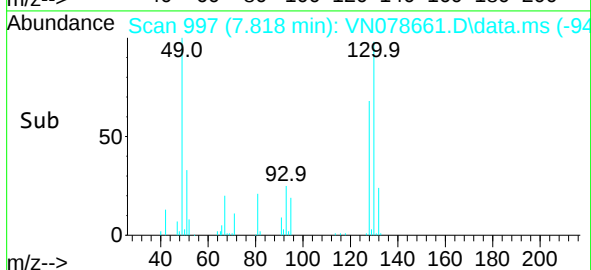
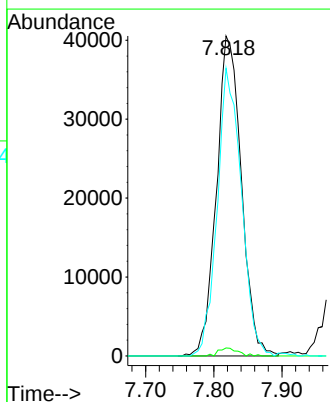
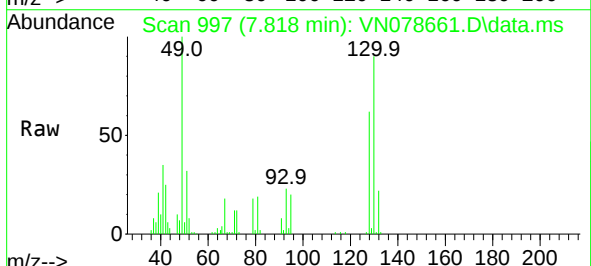
Manual Integrations
 APPROVED

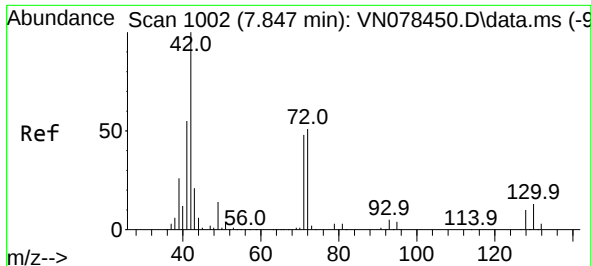
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#28
 Bromochloromethane
 Concen: 20.305 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57

Tgt Ion: 49 Resp: 103065
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 87.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 102.266 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078661.D

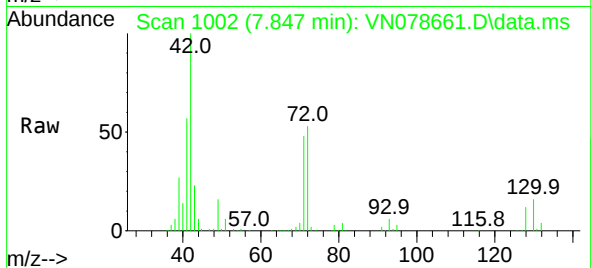
Acq: 27 Jul 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS02



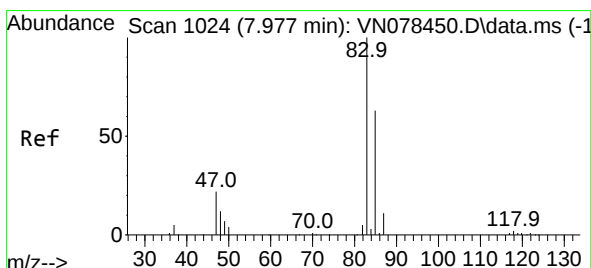
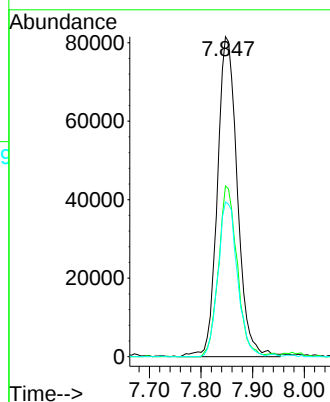
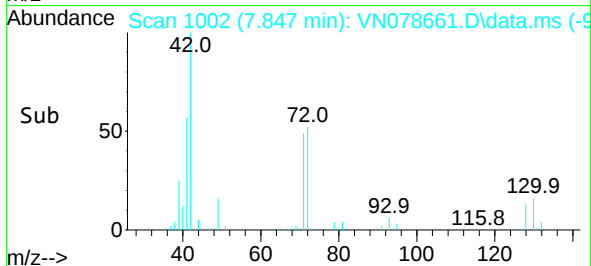
Tgt Ion:	42	Resp:	21851
Ion Ratio	100	Lower	Upper
42	100		
72	50.0	49.8	74.6
71	47.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#30

Chloroform

Concen: 20.251 ug/l

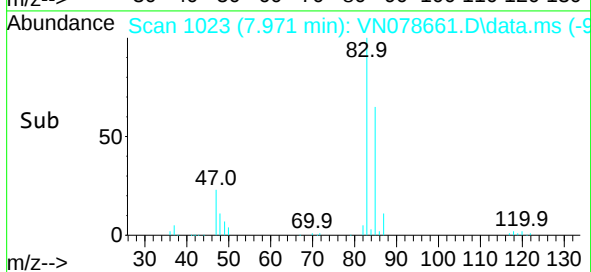
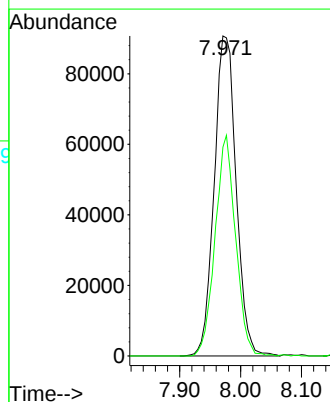
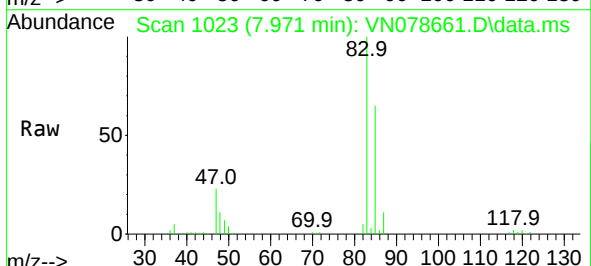
RT: 7.971 min Scan# 1023

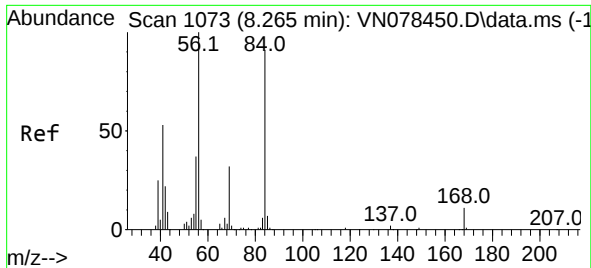
Delta R.T. -0.006 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

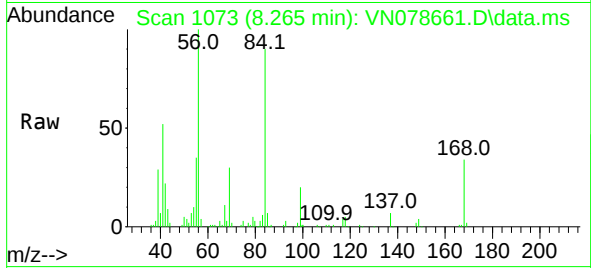
Tgt Ion:	83	Resp:	227212
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	55.4	83.0





#31
Cyclohexane
Concen: 19.252 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

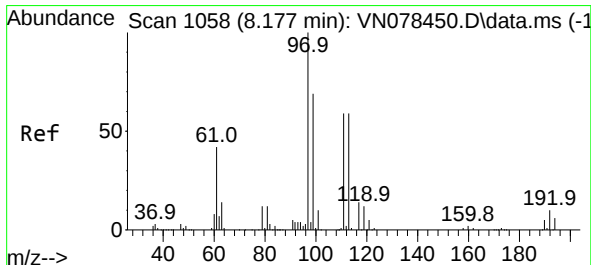
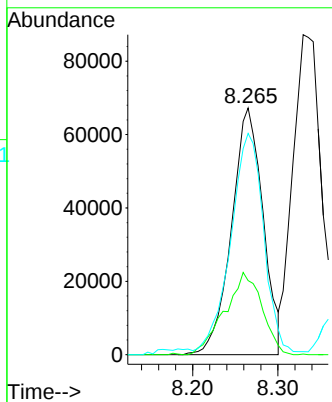
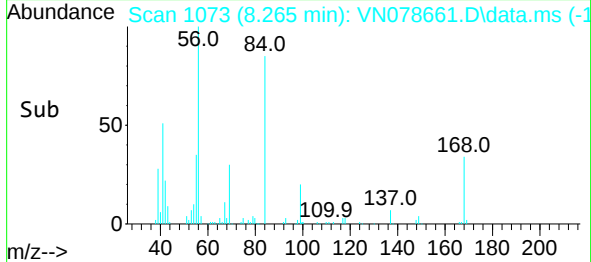
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 56 Resp: 17278
Ion Ratio Lower Upper
56 100
69 29.7 26.8 40.2
84 87.4 81.8 122.6

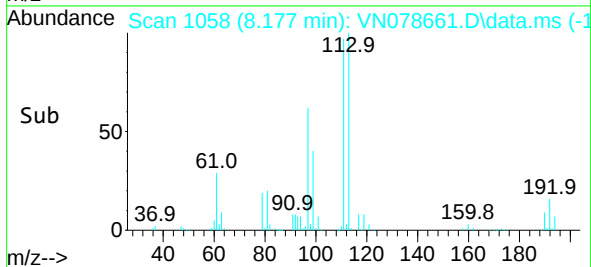
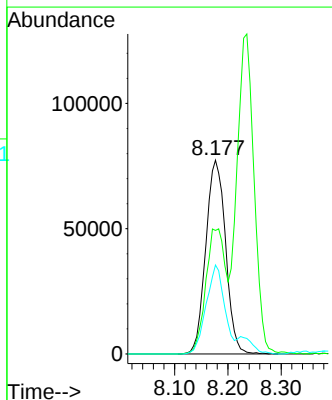
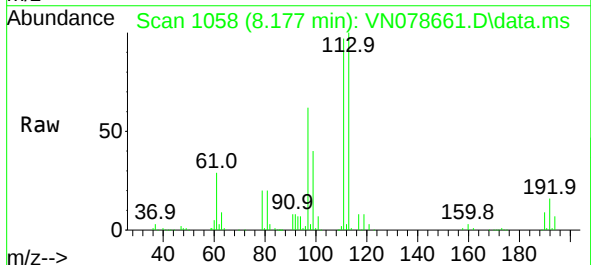
Manual Integrations
APPROVED

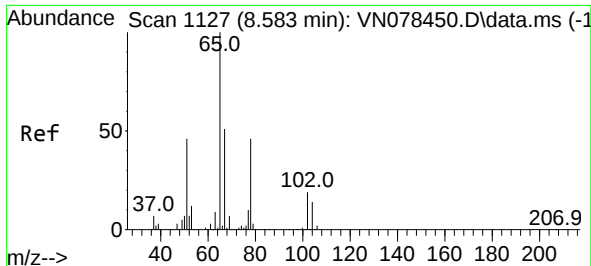
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#32
1,1,1-Trichloroethane
Concen: 19.851 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

Tgt Ion: 97 Resp: 199687
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.587 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078661.D

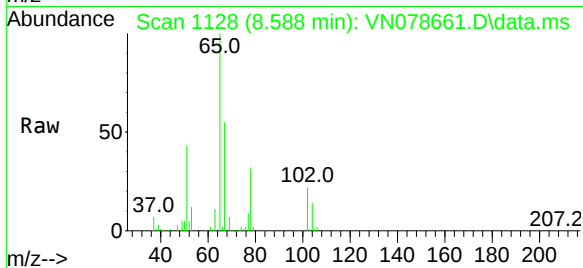
Acq: 27 Jul 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS02



Tgt Ion: 65 Resp: 316029

Ion Ratio Lower Upper

65 100

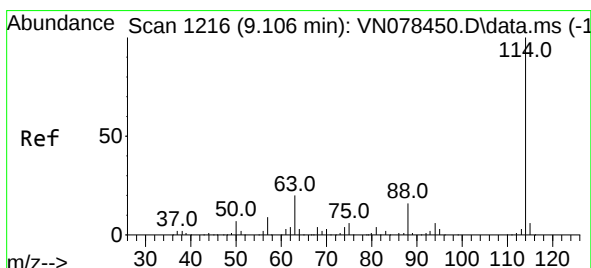
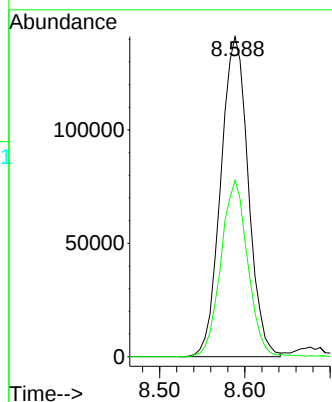
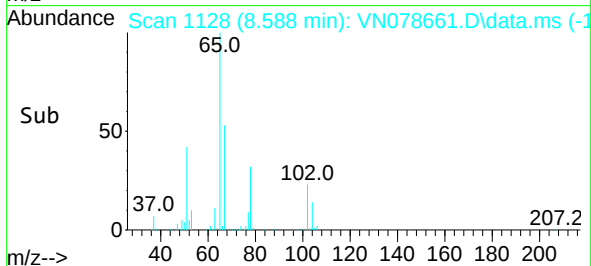
67 53.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

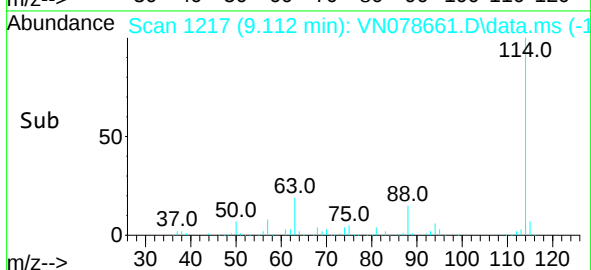
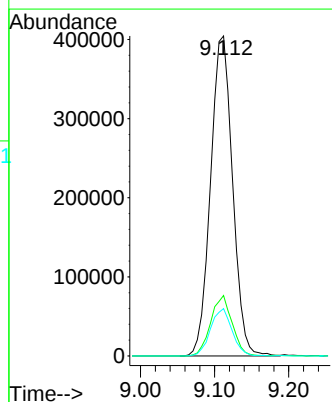
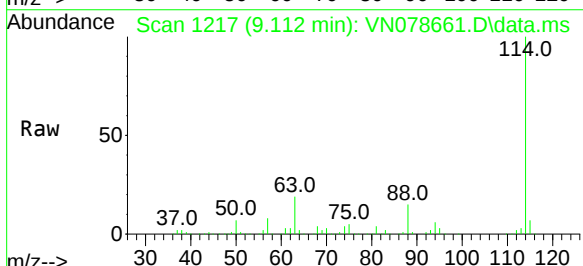
Tgt Ion:114 Resp: 834791

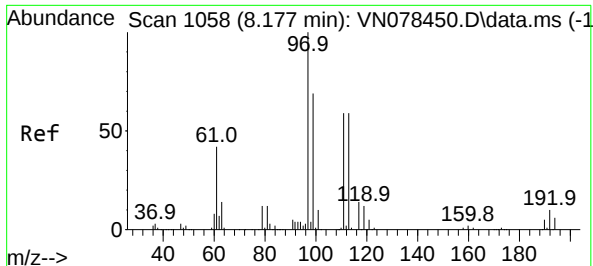
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

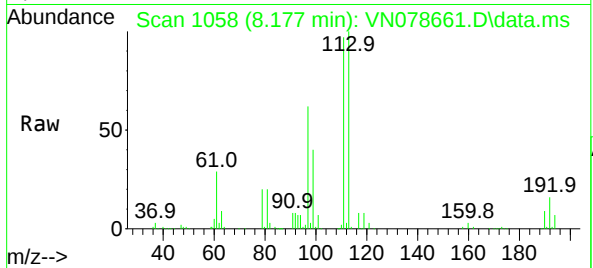
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.406 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

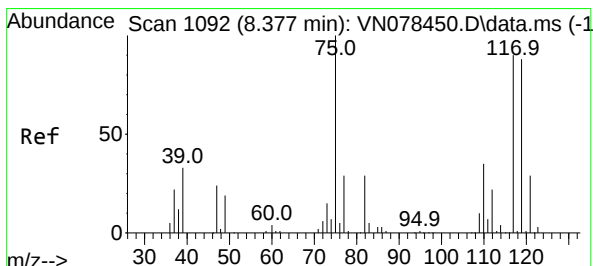
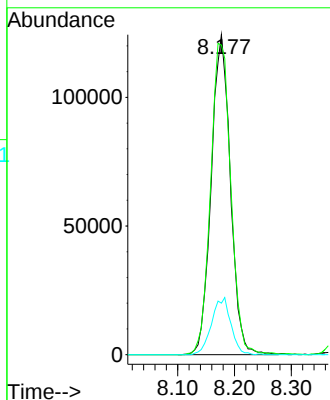
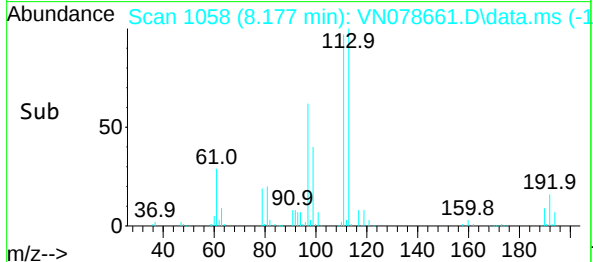
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



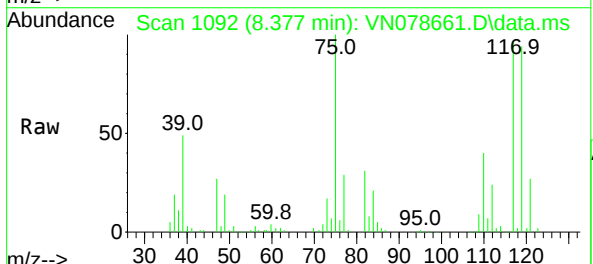
Tgt Ion:113 Resp: 291309
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 17.9 12.7 19.1

Manual Integrations
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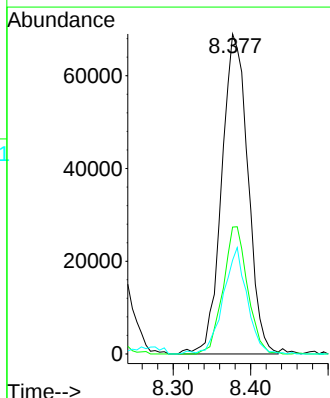
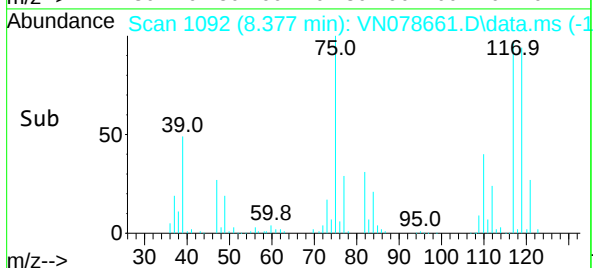
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

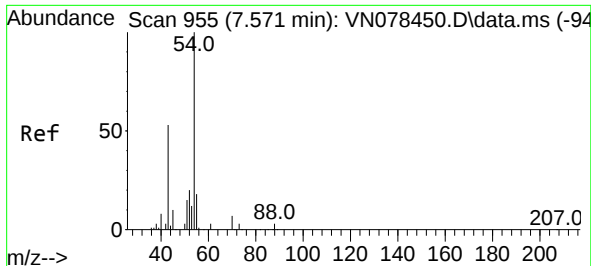


#36
1,1-Dichloropropene
Concen: 19.879 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



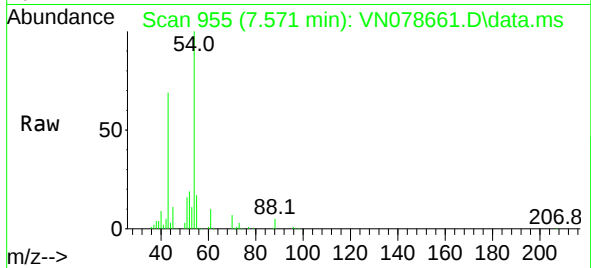
Tgt Ion: 75 Resp: 162661
Ion Ratio Lower Upper
75 100
110 36.9 19.1 57.3
77 30.3 25.0 37.4





#37
Ethyl Acetate
Concen: 20.378 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

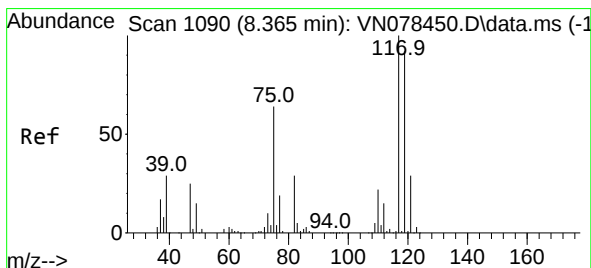
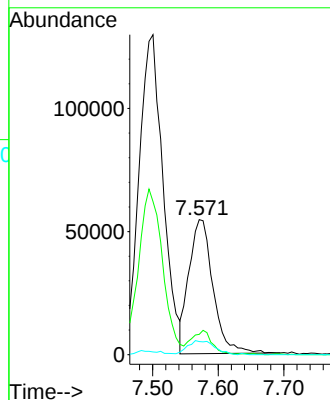
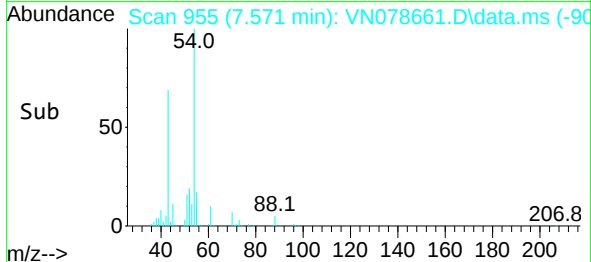
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 43 Resp: 138999
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 11.5 11.3 16.9

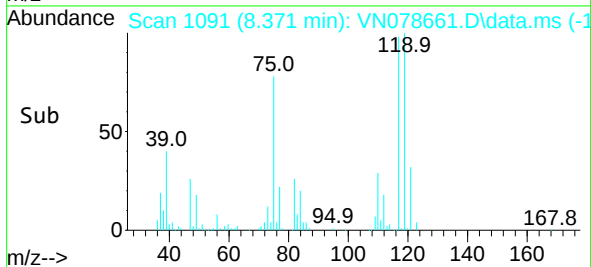
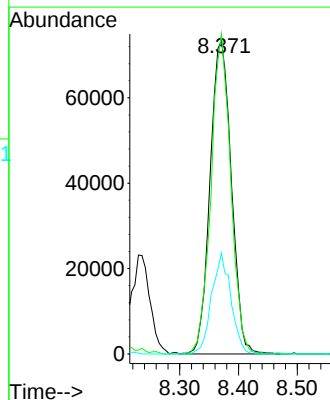
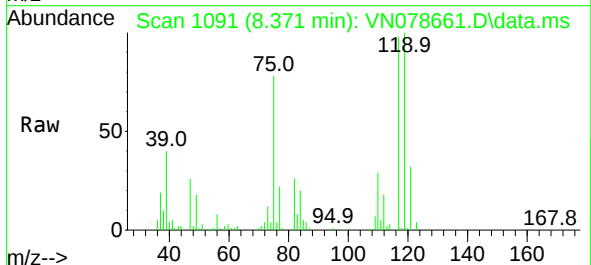
Manual Integrations
APPROVED

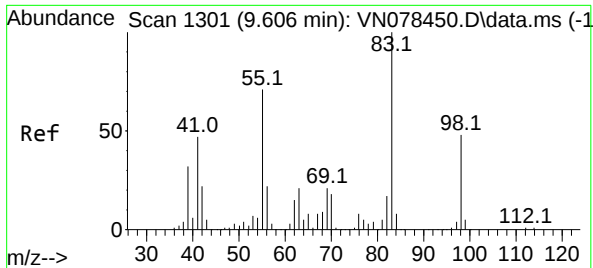
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#38
Carbon Tetrachloride
Concen: 20.728 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

Tgt Ion:117 Resp: 184332
Ion Ratio Lower Upper
117 100
119 102.2 77.3 115.9
121 32.2 23.3 34.9





#39

Methylcyclohexane

Concen: 20.055 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS02

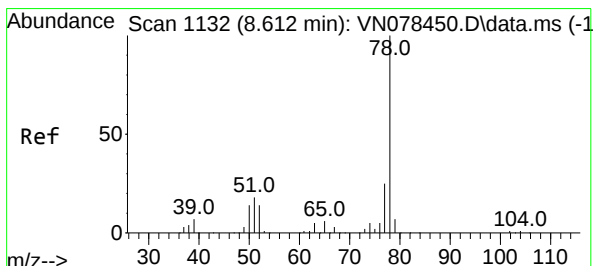
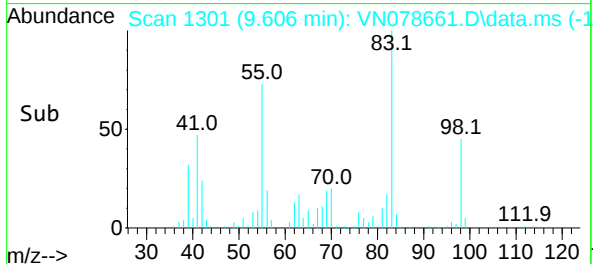
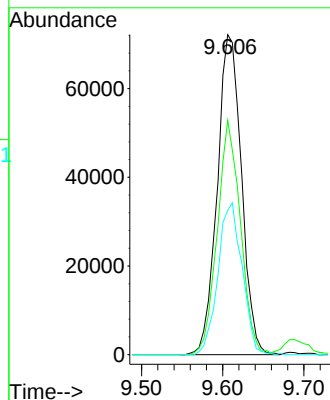
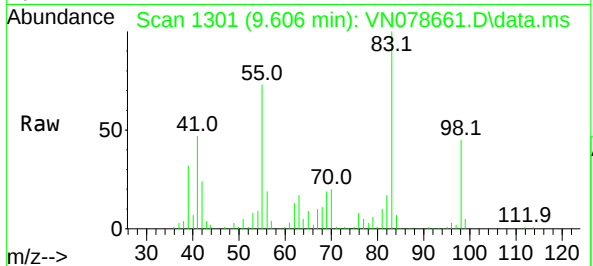
Tgt Ion: 83 Resp: 149784
 Ion Ratio Lower Upper
 83 100
 55 73.2 49.1 73.7
 98 45.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#40

Benzene

Concen: 20.582 ug/l

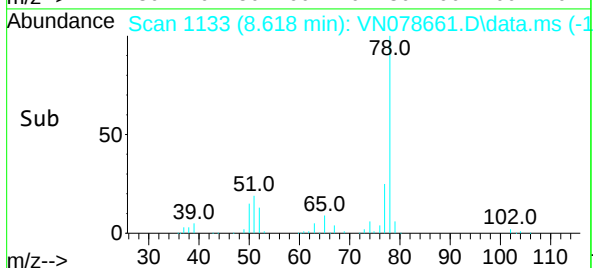
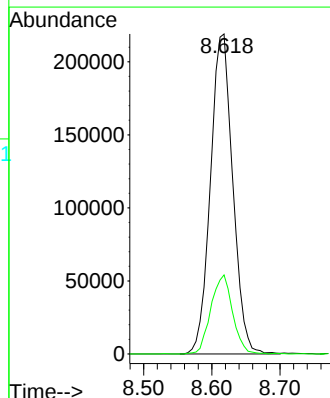
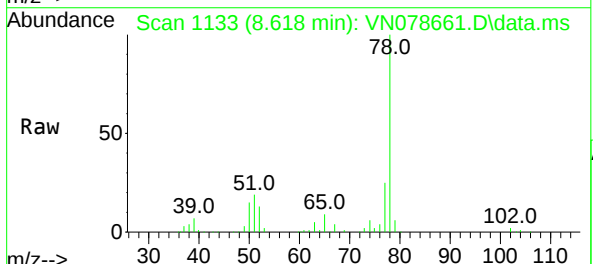
RT: 8.618 min Scan# 1133

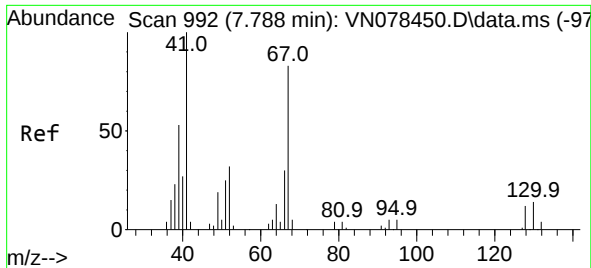
Delta R.T. 0.006 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

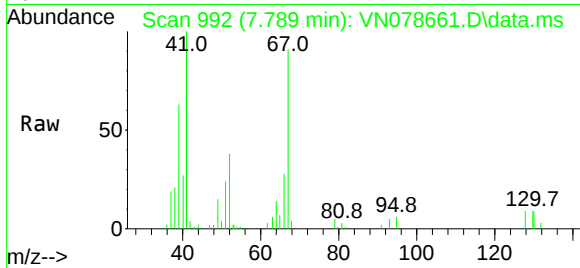
Tgt Ion: 78 Resp: 498939
 Ion Ratio Lower Upper
 78 100
 77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 19.645 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.001 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

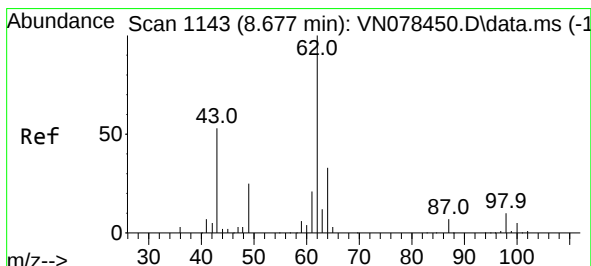
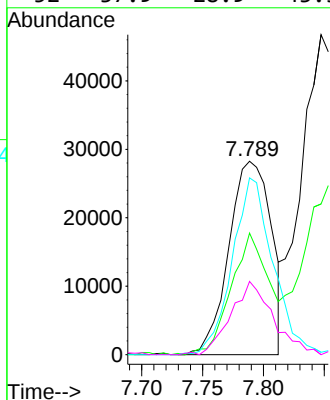
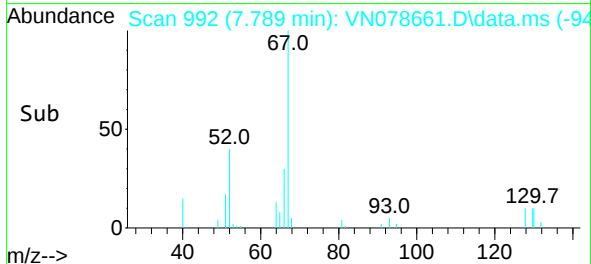
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 41	Resp: 68310
Ion Ratio	Lower Upper
41 100	
39 55.8	42.6 64.0
67 89.3	77.5 116.3
52 37.9	28.9 43.3

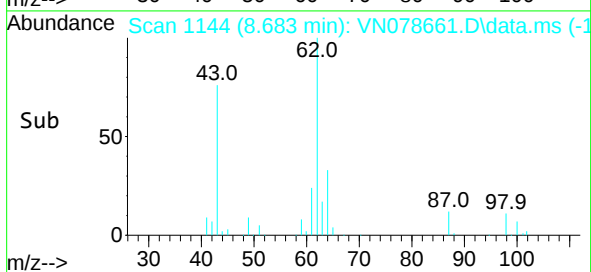
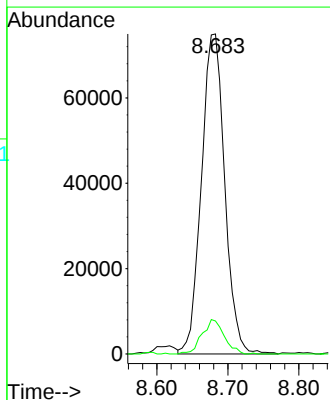
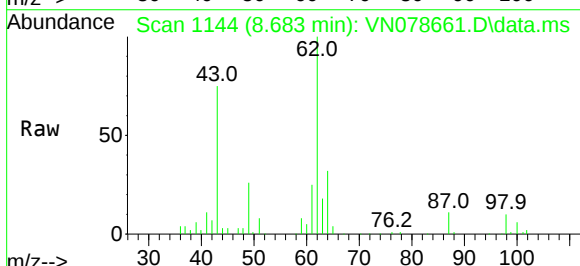
Manual Integrations
APPROVED

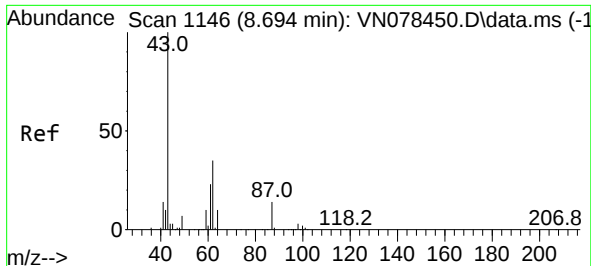
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#42
1,2-Dichloroethane
Concen: 20.794 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

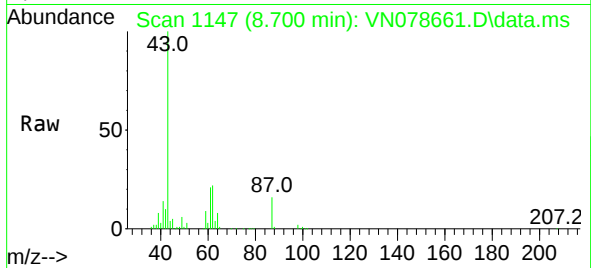
Tgt Ion: 62	Resp: 171449
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 19.8





#43
Isopropyl Acetate
Concen: 22.248 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

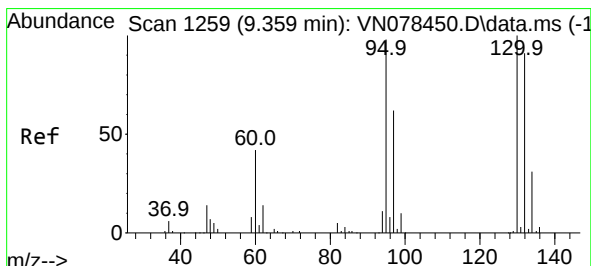
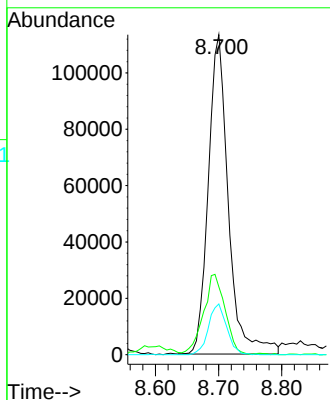
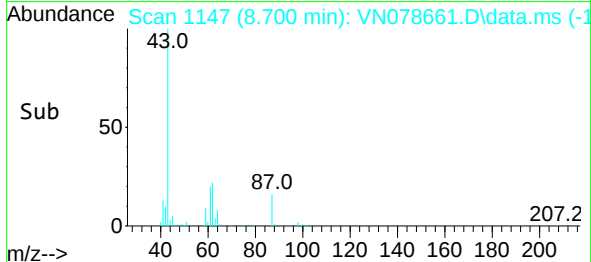
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 43 Resp: 249840
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 14.5 14.6 21.8

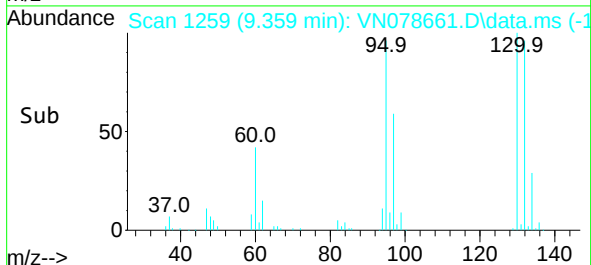
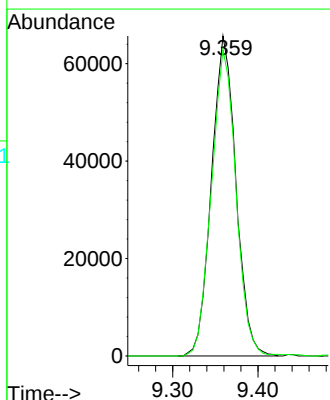
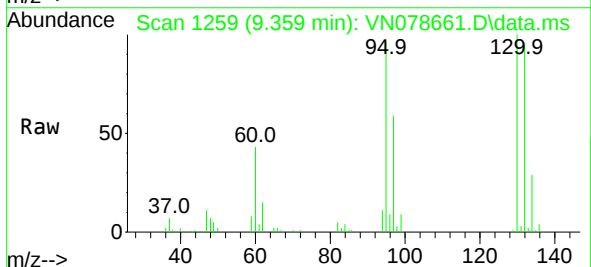
Manual Integrations
APPROVED

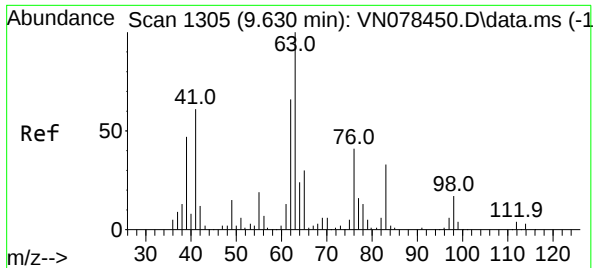
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#44
Trichloroethene
Concen: 20.000 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

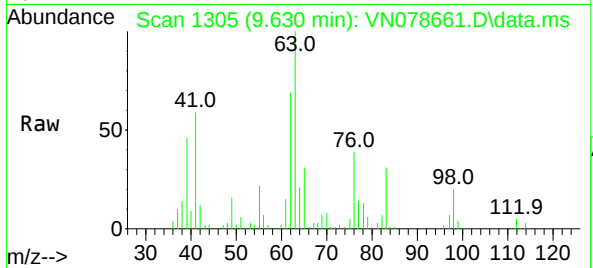
Tgt Ion:130 Resp: 130665
Ion Ratio Lower Upper
130 100
95 95.7 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.180 ug/l
RT: 9.630 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

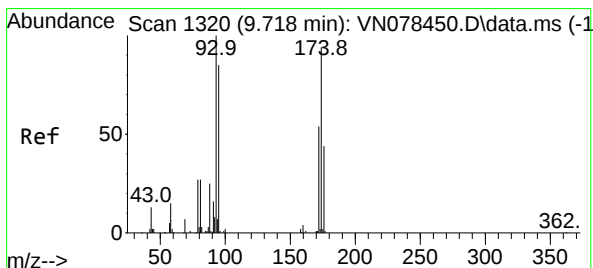
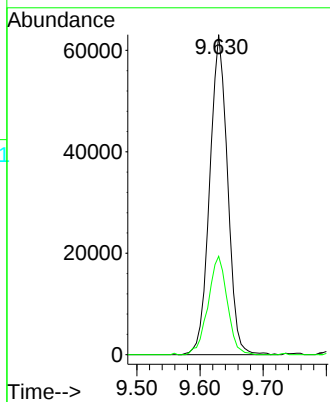
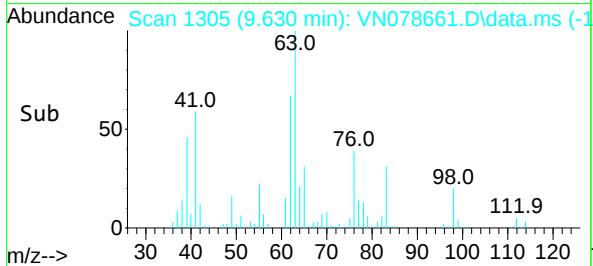
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 63 Resp: 12389
Ion Ratio Lower Upper
63 100
65 30.7 23.9 35.9

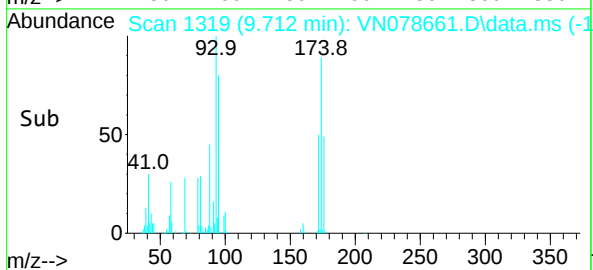
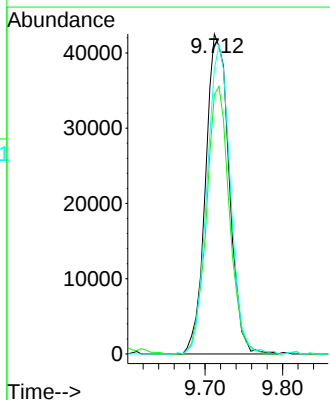
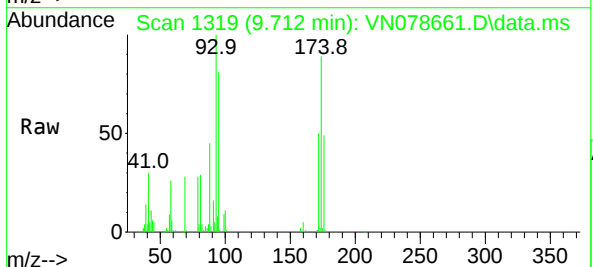
Manual Integrations
APPROVED

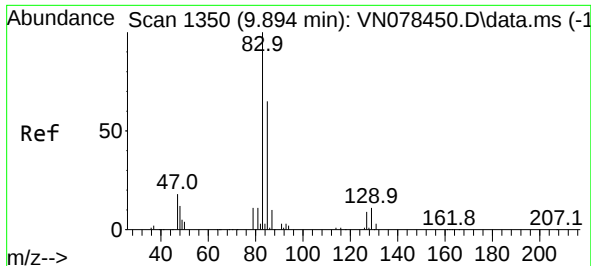
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#46
Dibromomethane
Concen: 20.754 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

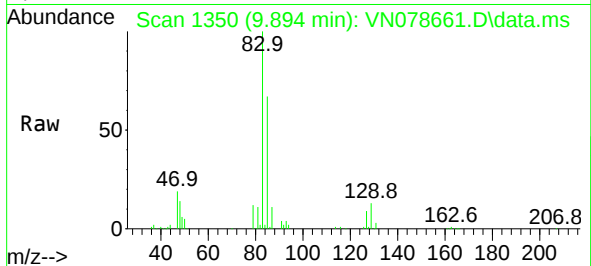
Tgt Ion: 93 Resp: 89681
Ion Ratio Lower Upper
93 100
95 81.5 63.8 95.8
174 95.0 65.6 98.4





#47
Bromodichloromethane
Concen: 20.329 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

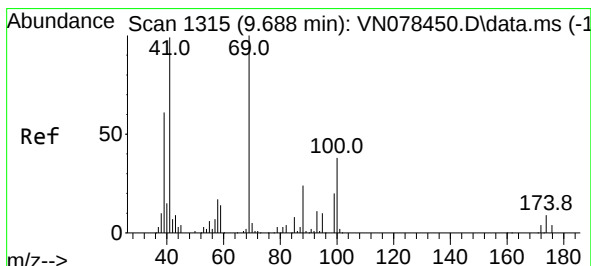
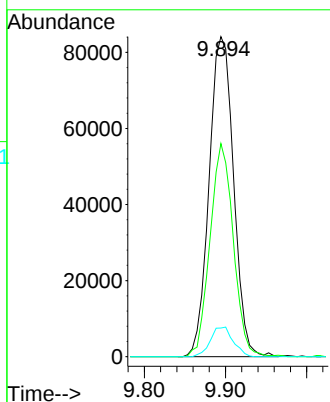
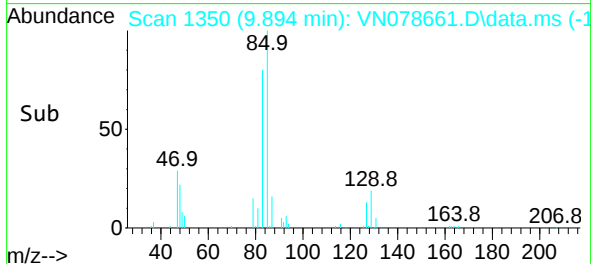
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



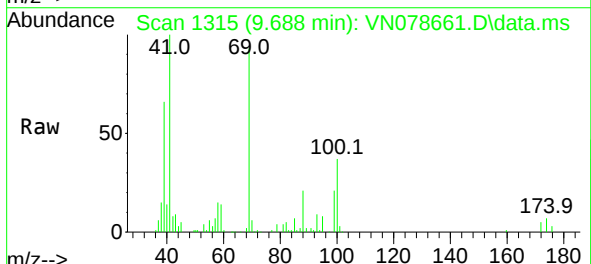
Tgt Ion: 83 Resp: 176098
Ion Ratio Lower Upper
83 100
85 66.6 49.6 74.4
127 9.0 7.0 10.6

Manual Integrations
APPROVED

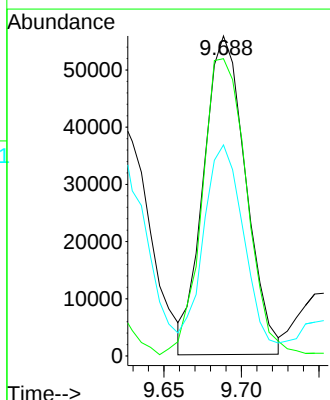
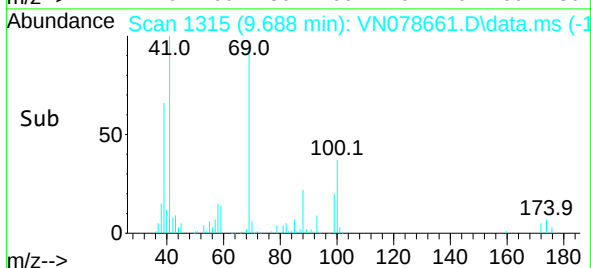
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

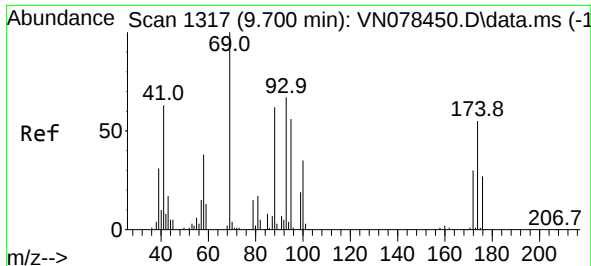


#48
Methyl methacrylate
Concen: 20.259 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



Tgt Ion: 41 Resp: 105401
Ion Ratio Lower Upper
41 100
69 98.8 90.4 135.6
39 64.9 54.6 81.8





#49

1,4-Dioxane

Concen: 415.977 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS02

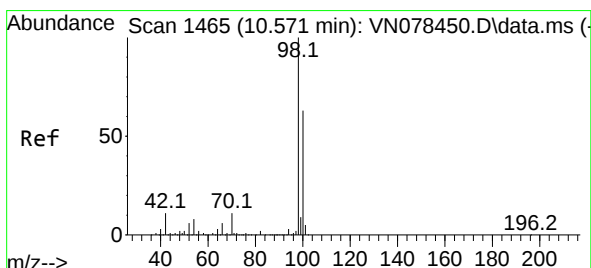
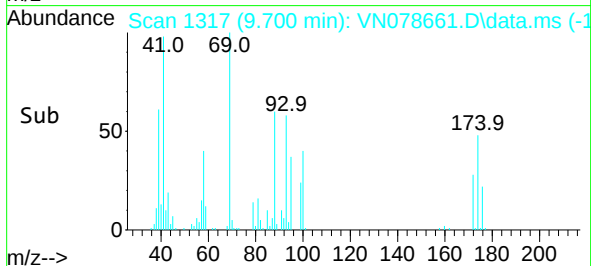
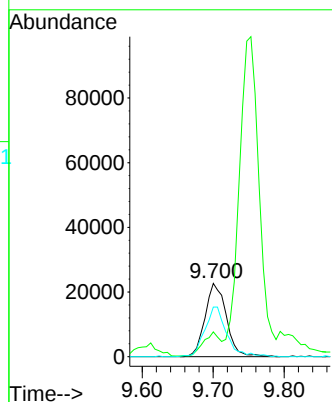
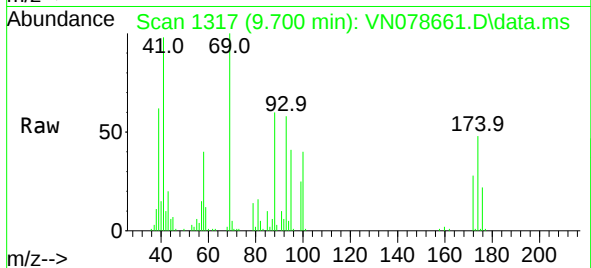
Tgt Ion:	88	Resp:	4719
Ion Ratio	Lower	Upper	
88	100		
43	25.7	17.0	25.6
58	69.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#50

Toluene-d8

Concen: 47.316 ug/l

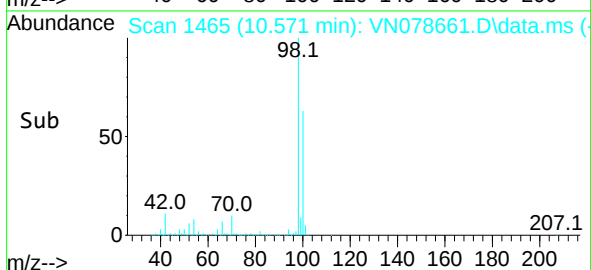
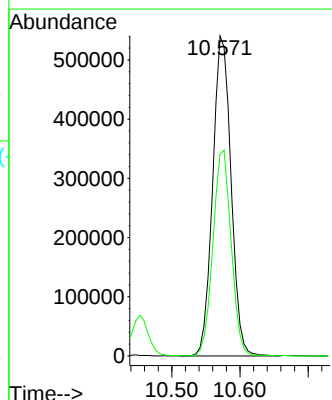
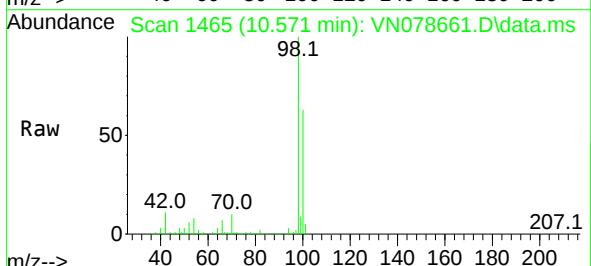
RT: 10.571 min Scan# 1465

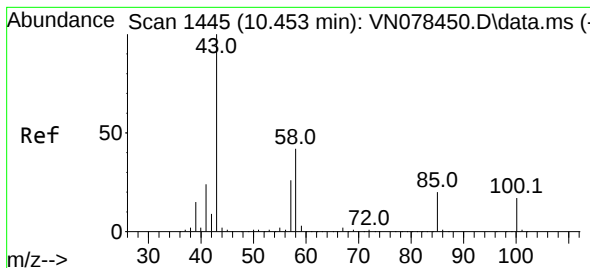
Delta R.T. -0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

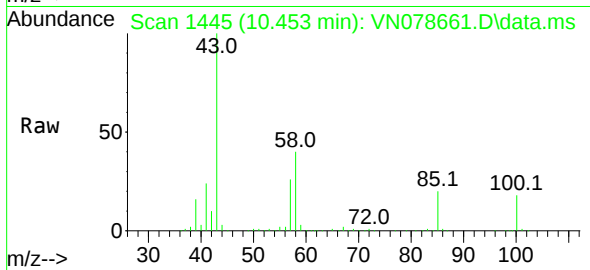
Tgt Ion:	98	Resp:	1012929
Ion Ratio	Lower	Upper	
98	100		
100	64.0	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 105.766 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

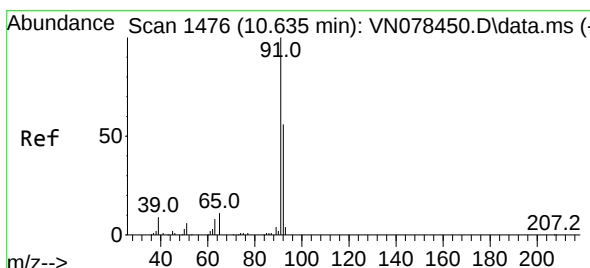
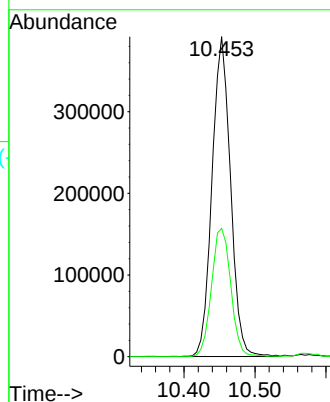
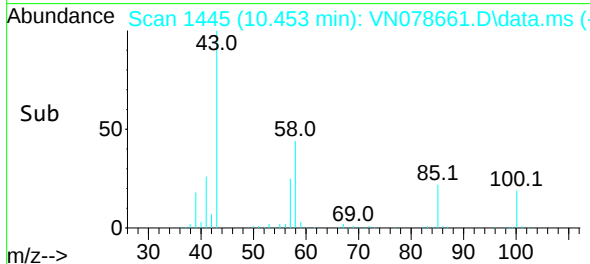
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



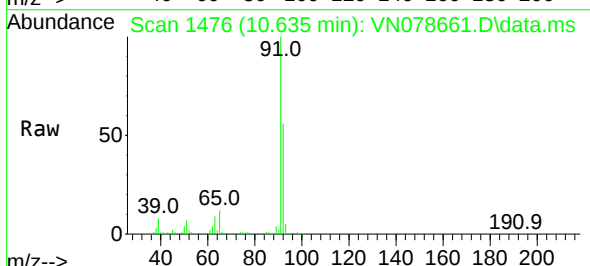
Tgt Ion: 43 Resp: 706478
Ion Ratio Lower Upper
43 100
58 42.0 36.6 54.8

Manual Integrations
APPROVED

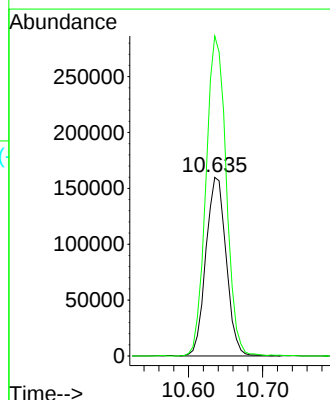
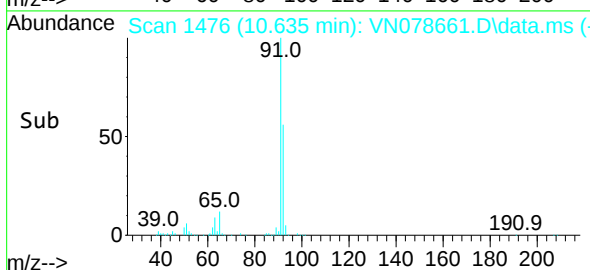
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

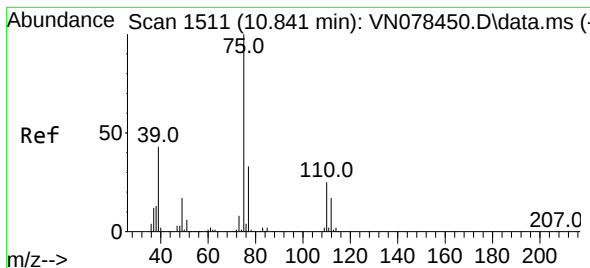


#52
Toluene
Concen: 20.283 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



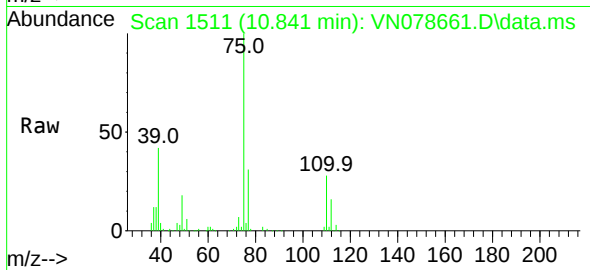
Tgt Ion: 92 Resp: 304733
Ion Ratio Lower Upper
92 100
91 178.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.862 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57

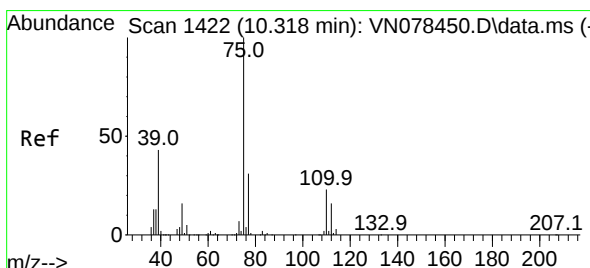
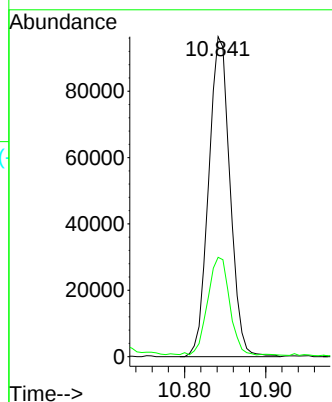
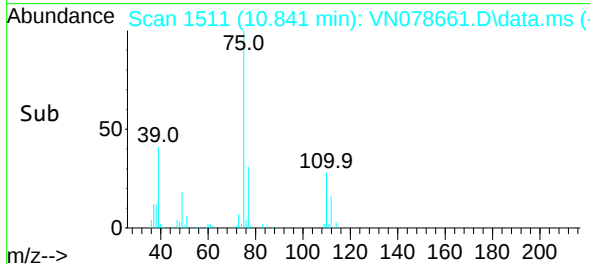
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS02



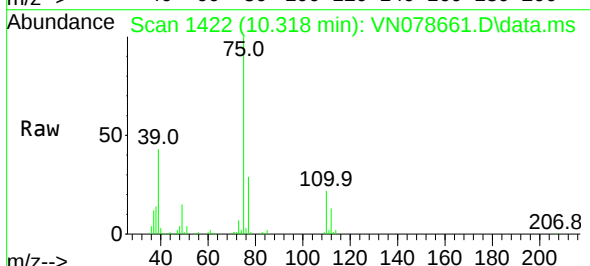
Tgt Ion: 75 Resp: 17626
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0

Manual Integrations
 APPROVED

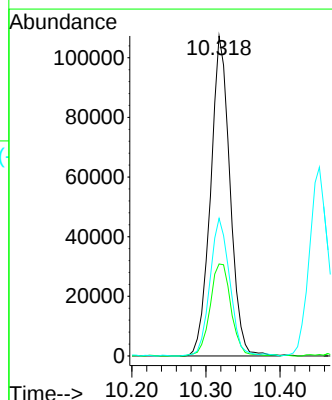
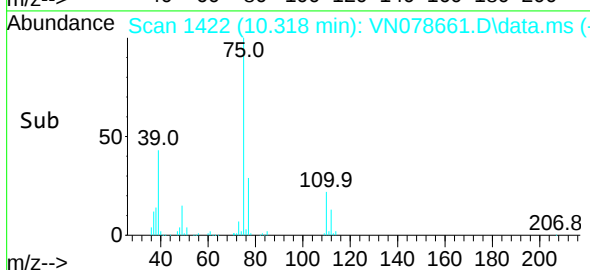
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

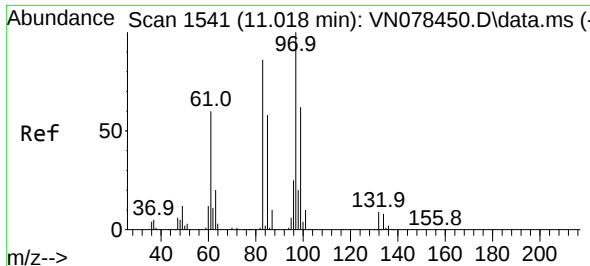


#54
 cis-1,3-Dichloropropene
 Concen: 20.677 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57



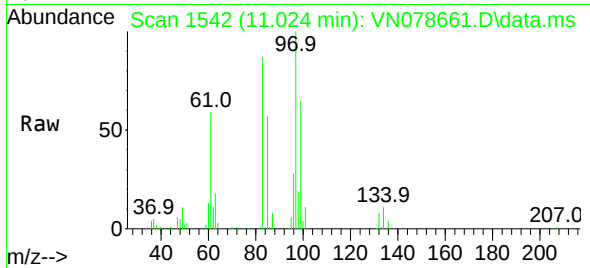
Tgt Ion: 75 Resp: 195591
 Ion Ratio Lower Upper
 75 100
 77 28.8 26.1 39.1
 39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.626 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

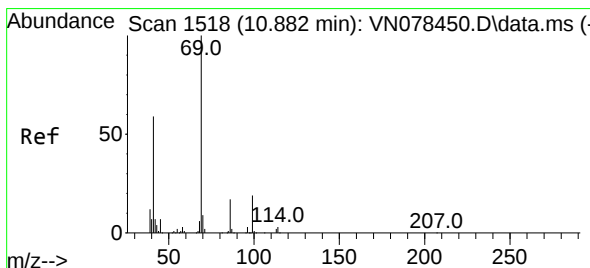
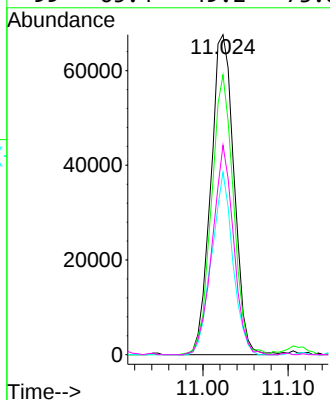
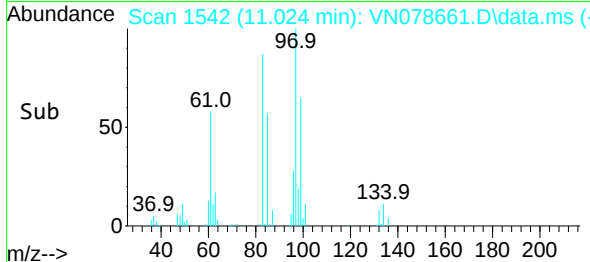
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 97 Resp: 128015
Ion Ratio Lower Upper
97 100
83 87.4 65.1 97.7
85 57.0 43.4 65.2
99 65.4 49.2 73.8

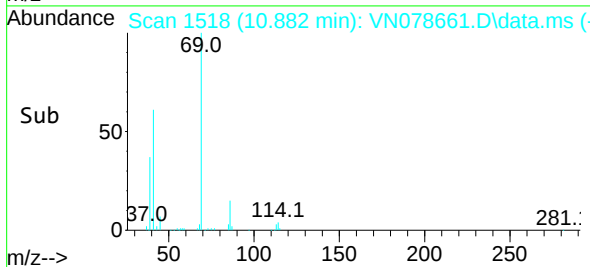
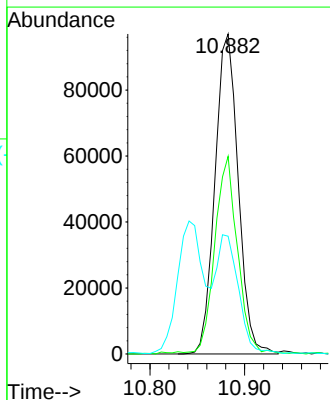
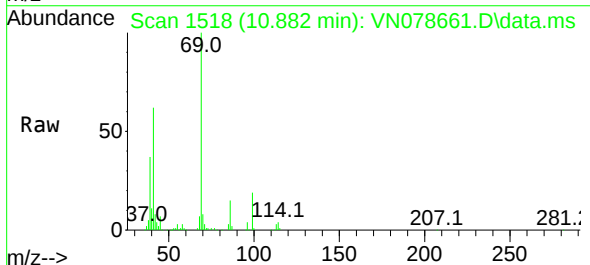
Manual Integrations
APPROVED

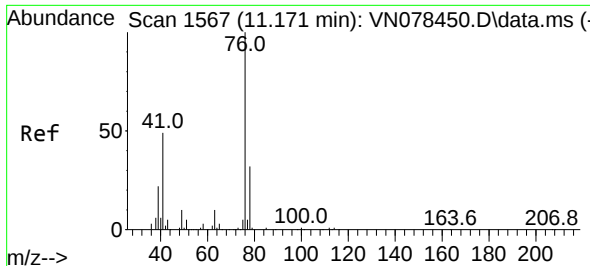
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#56
Ethyl methacrylate
Concen: 19.967 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

Tgt Ion: 69 Resp: 165215
Ion Ratio Lower Upper
69 100
41 61.3 39.6 59.4#
39 34.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.278 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS02

Tgt Ion: 76 Resp: 204090

Ion Ratio Lower Upper

76 100

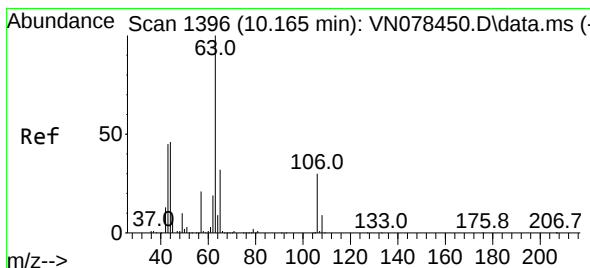
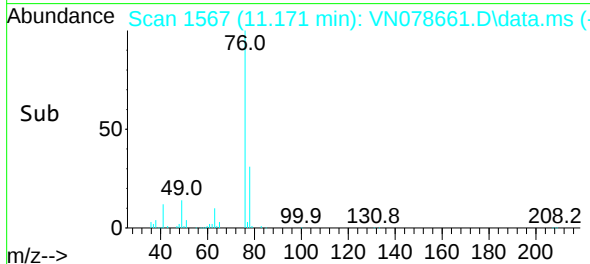
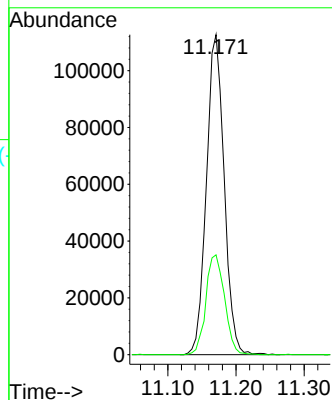
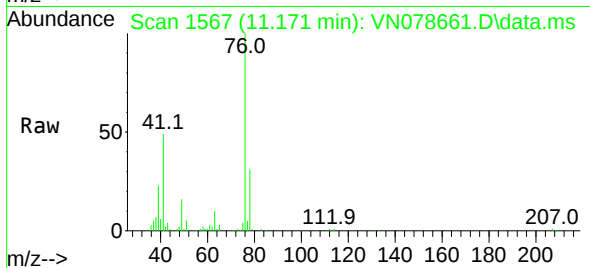
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.378 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078661.D

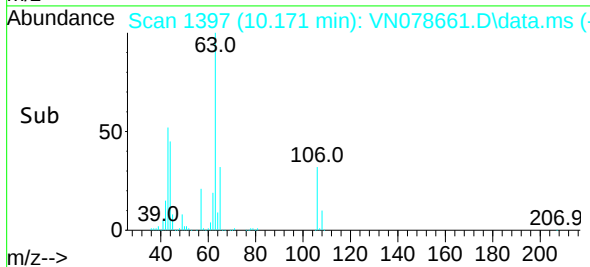
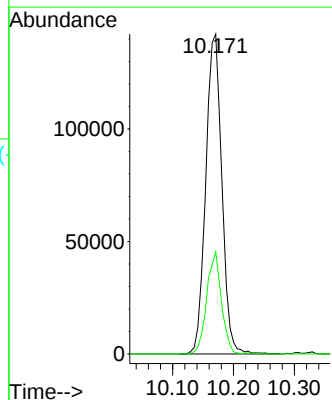
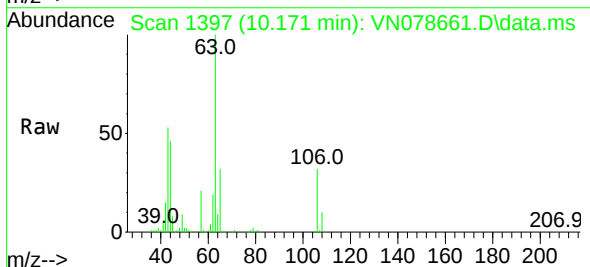
Acq: 27 Jul 2023 14:57

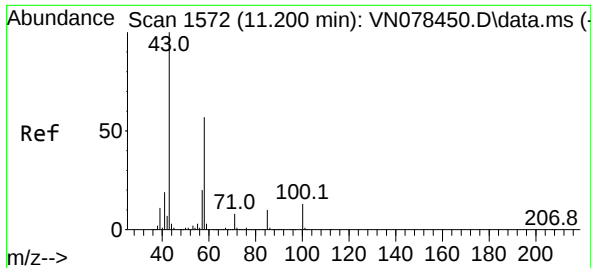
Tgt Ion: 63 Resp: 260615

Ion Ratio Lower Upper

63 100

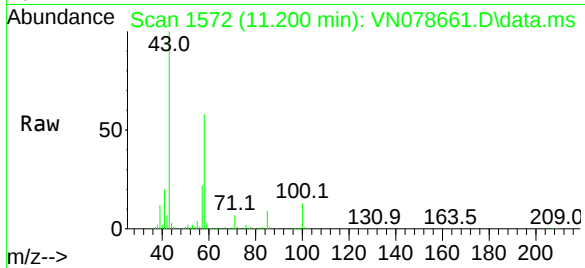
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 105.257 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

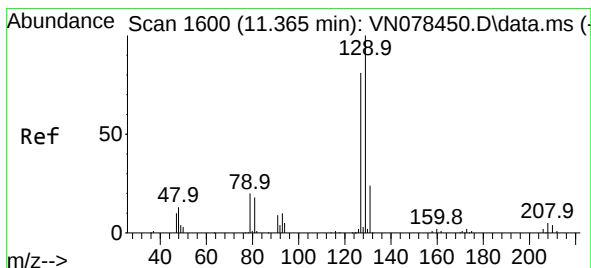
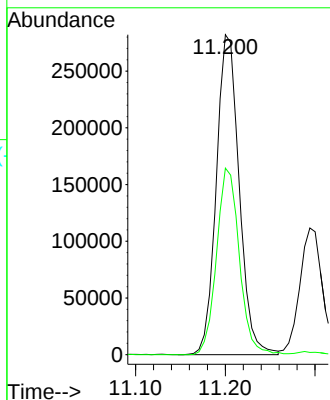
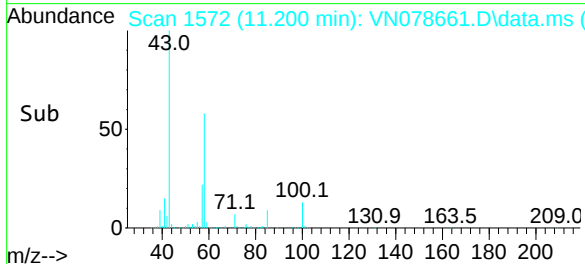
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 43 Resp: 49968
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1

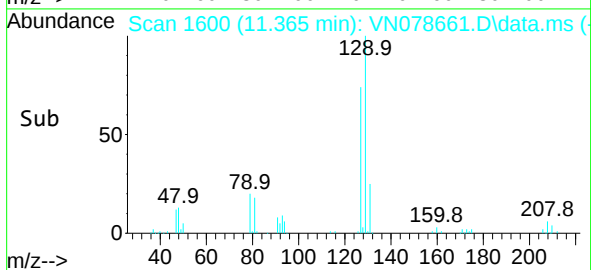
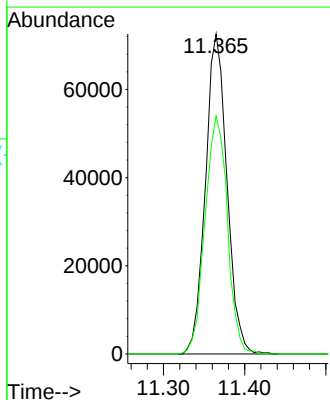
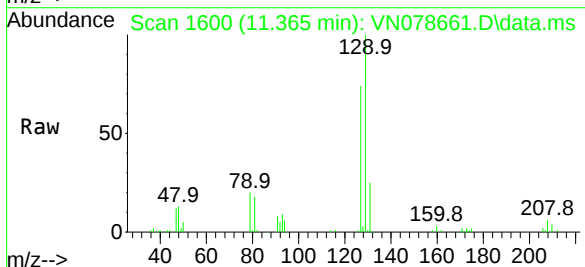
Manual Integrations
APPROVED

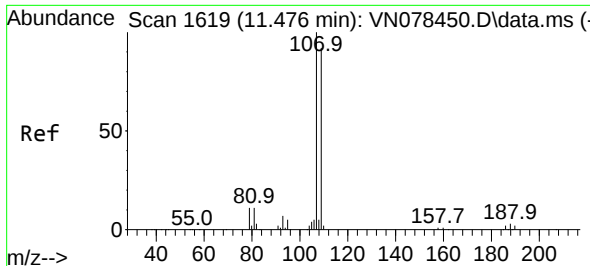
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
Dibromochloromethane
Concen: 20.454 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

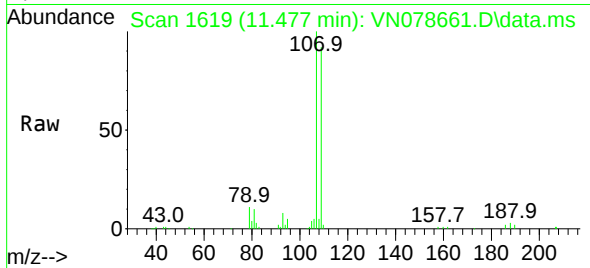
Tgt Ion:129 Resp: 133665
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.580 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

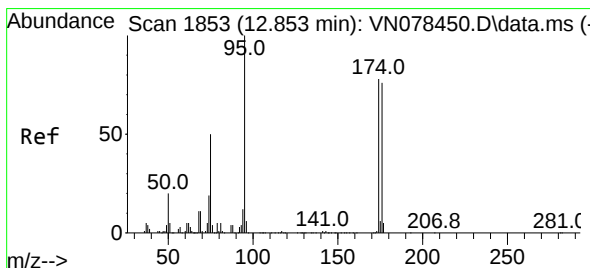
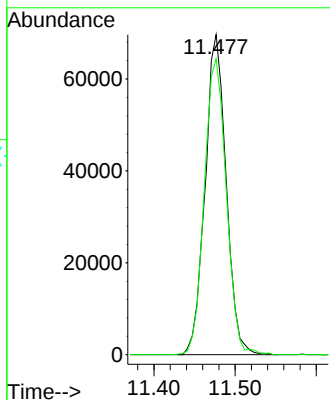
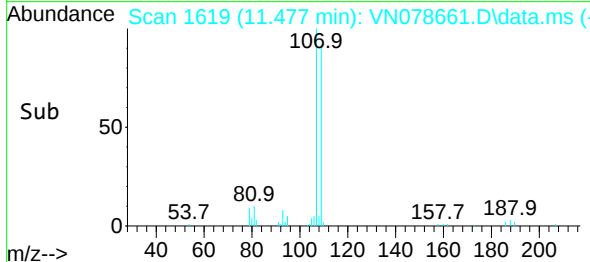
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion:107 Resp: 125489
Ion Ratio Lower Upper
107 100
109 96.5 76.6 114.8

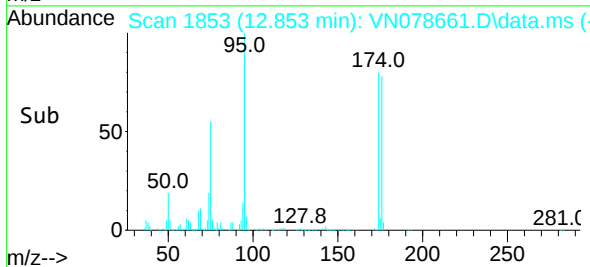
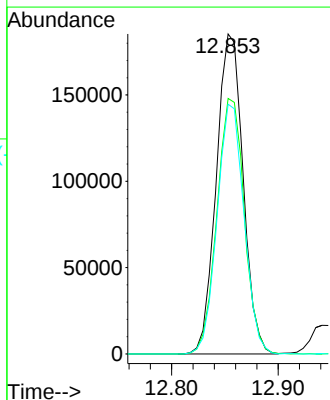
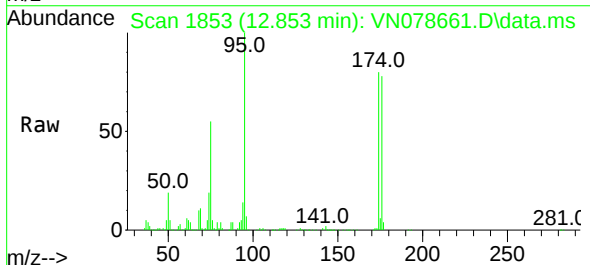
Manual Integrations
APPROVED

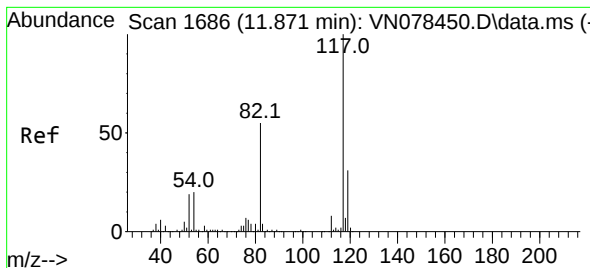
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#62
4-Bromofluorobenzene
Concen: 49.034 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

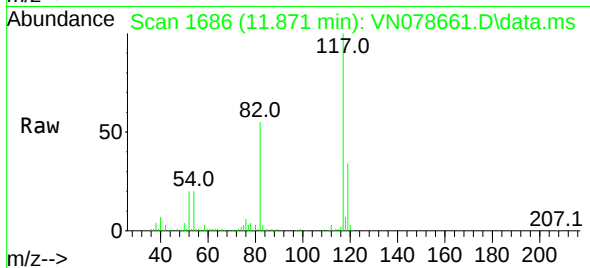
Tgt Ion: 95 Resp: 323331
Ion Ratio Lower Upper
95 100
174 81.6 0.0 143.8
176 78.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

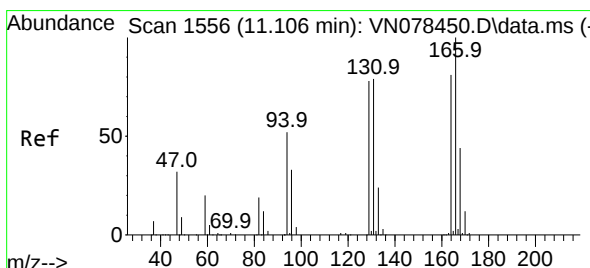
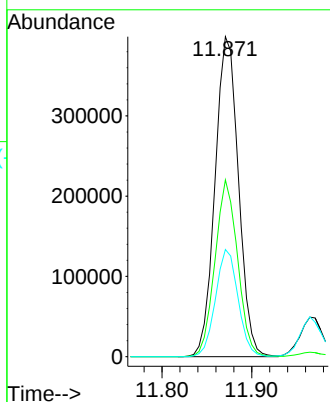
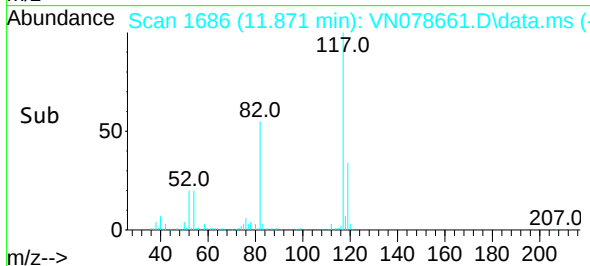
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion:117 Resp: 723228
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 33.5 25.6 38.4

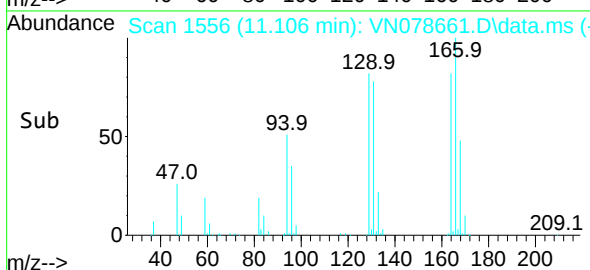
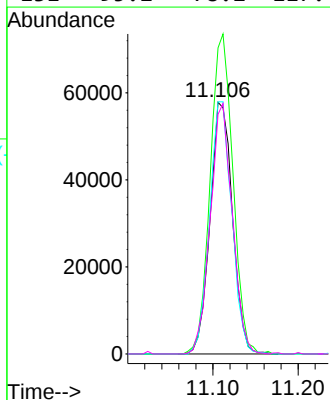
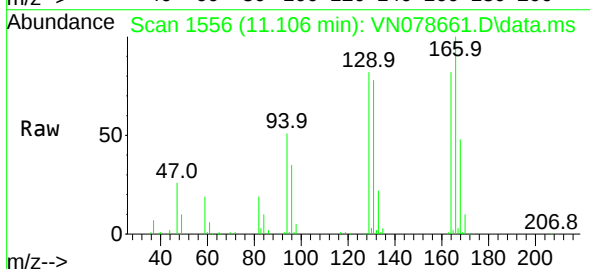
Manual Integrations
APPROVED

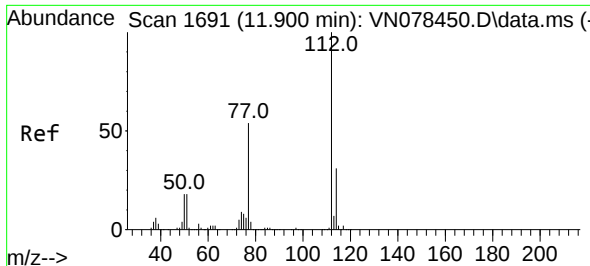
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#64
Tetrachloroethene
Concen: 19.391 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

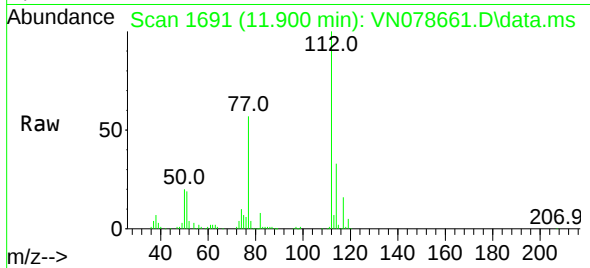
Tgt Ion:164 Resp: 105437
Ion Ratio Lower Upper
164 100
166 121.6 101.4 152.0
129 100.2 82.4 123.6
131 95.2 78.2 117.4





#65
Chlorobenzene
Concen: 20.600 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

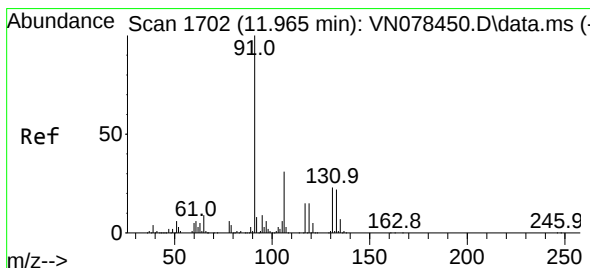
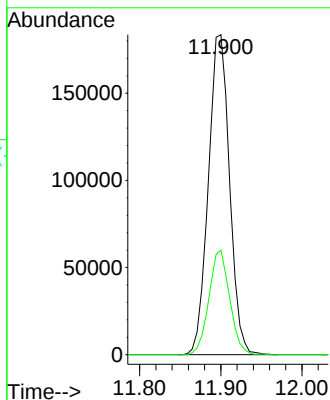
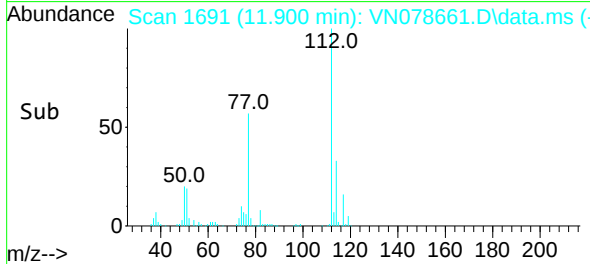
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion:112 Resp: 333008
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4

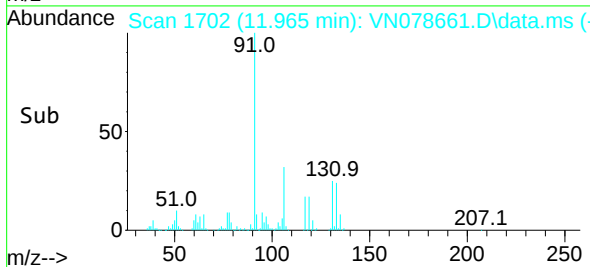
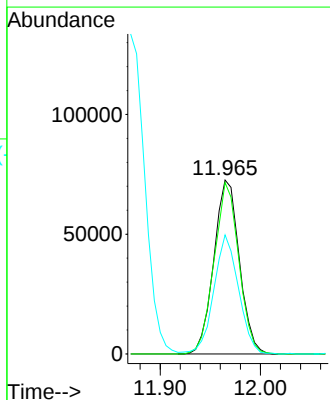
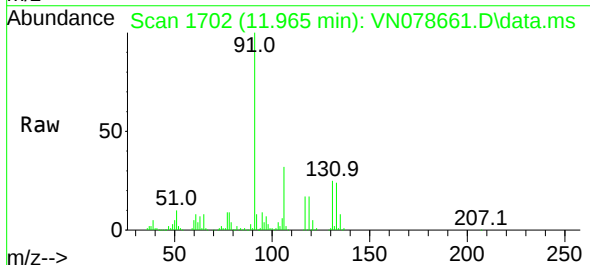
Manual Integrations
APPROVED

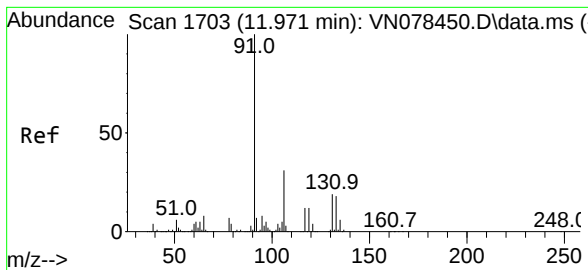
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.611 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

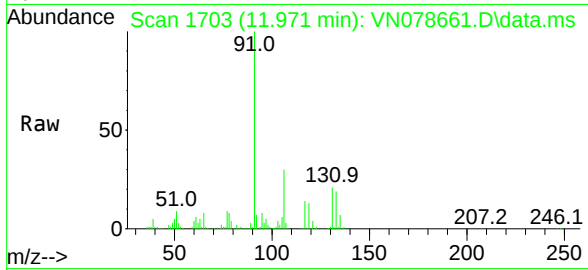
Tgt Ion:131 Resp: 128179
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 66.1 34.1 102.2





#67
Ethyl Benzene
Concen: 20.453 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

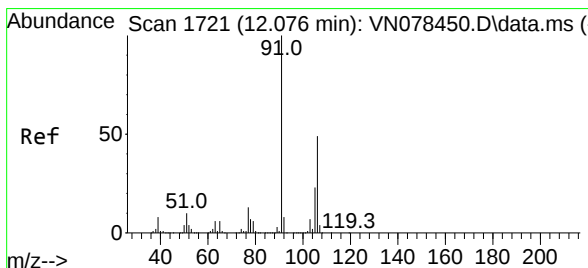
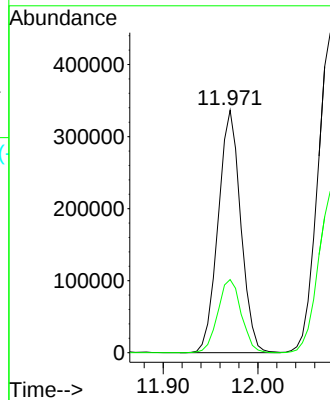
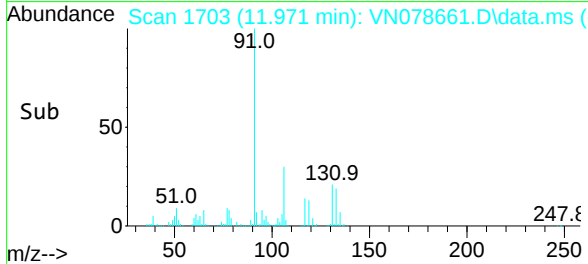
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



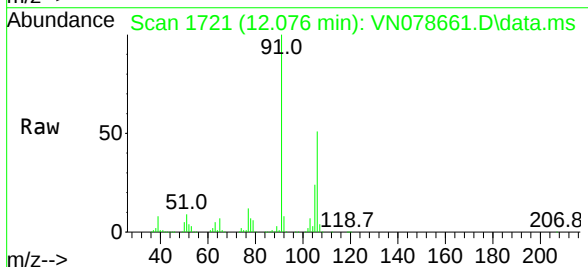
Tgt Ion: 91 Resp: 558890
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4

Manual Integrations
APPROVED

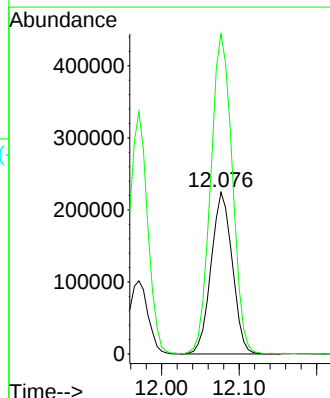
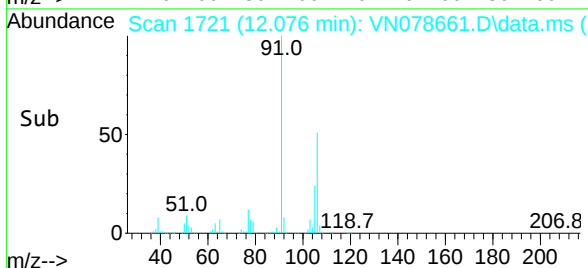
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

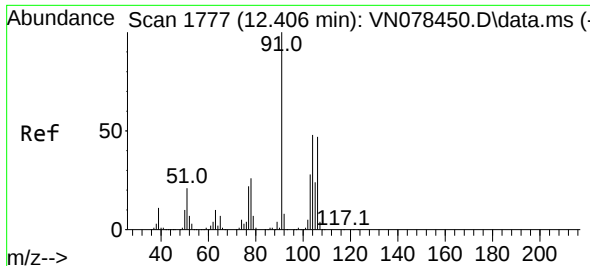


#68
m/p-Xylenes
Concen: 42.110 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



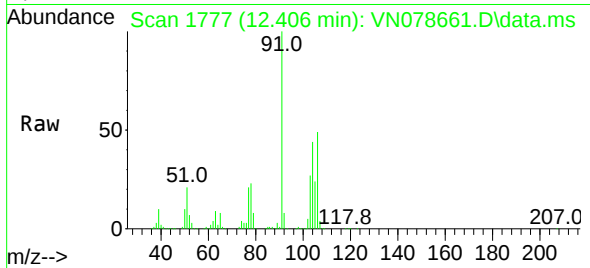
Tgt Ion:106 Resp: 425445
Ion Ratio Lower Upper
106 100
91 202.0 159.6 239.4





#69
o-Xylene
Concen: 20.532 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

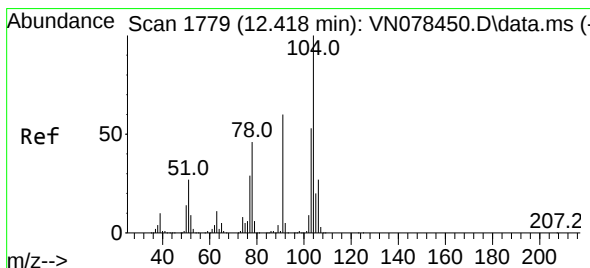
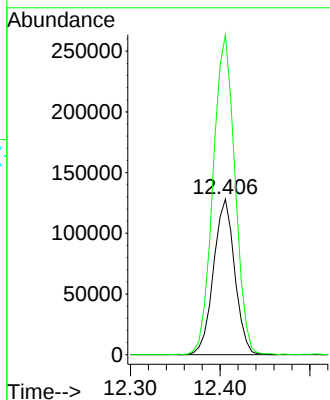
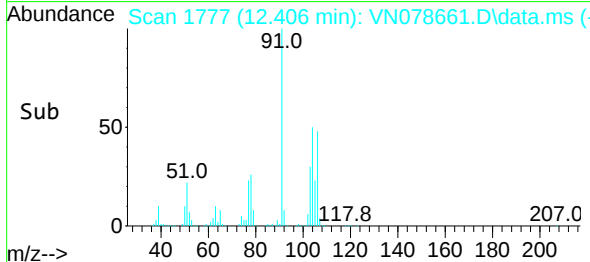
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



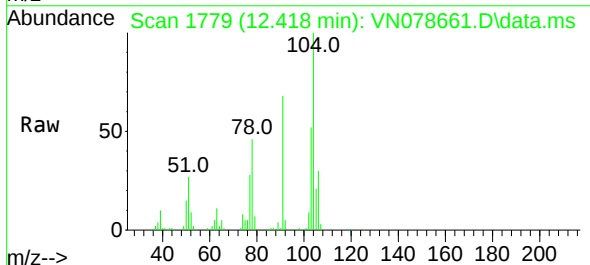
Tgt Ion:106 Resp: 209520
Ion Ratio Lower Upper
106 100
91 213.6 105.2 315.5

Manual Integrations
APPROVED

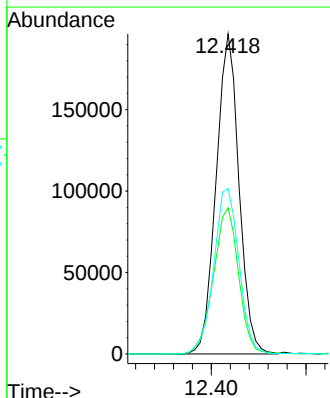
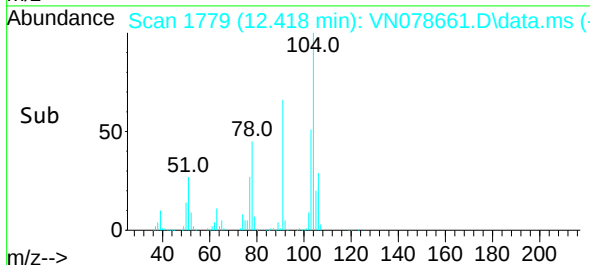
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

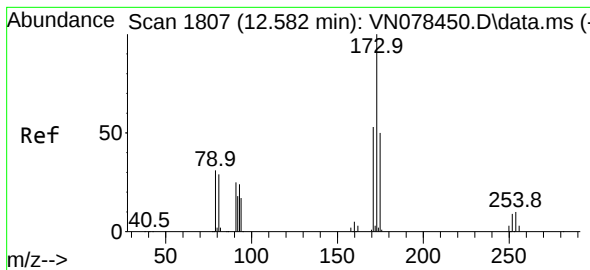


#70
Styrene
Concen: 20.656 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



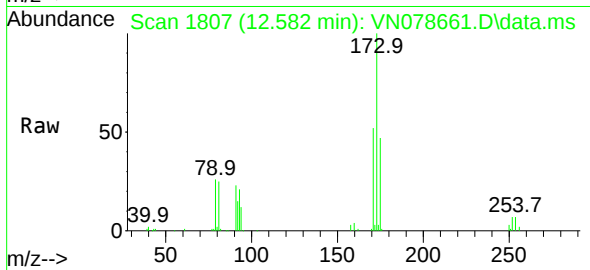
Tgt Ion:104 Resp: 329767
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 57.0 43.2 64.8





#71
Bromoform
Concen: 21.719 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

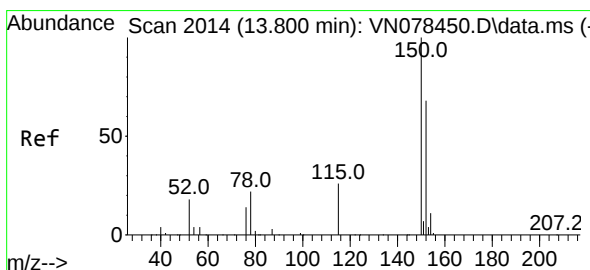
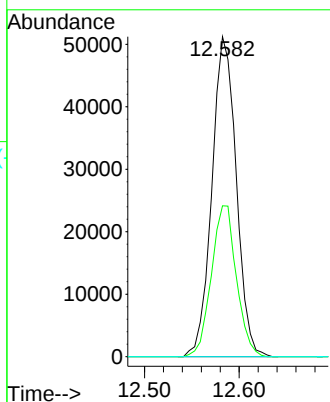
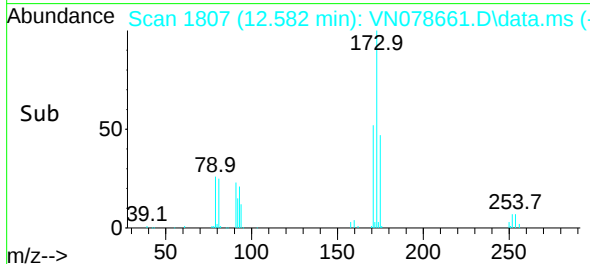
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



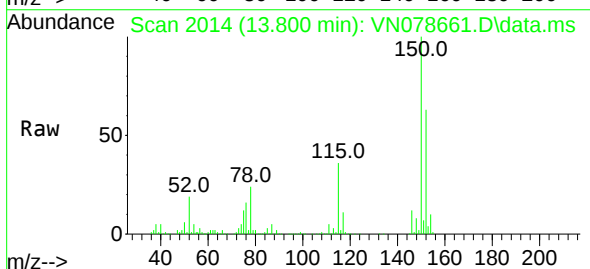
Tgt Ion:173 Resp: 91478
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

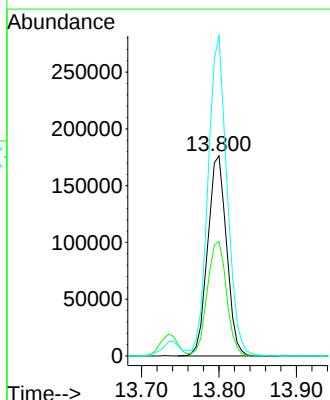
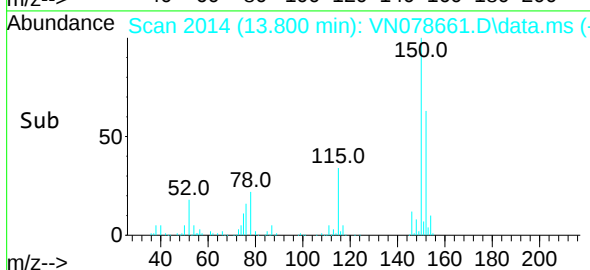
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

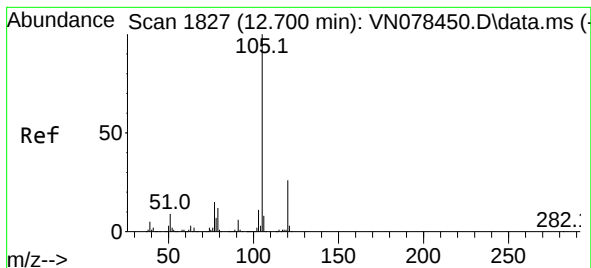


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



Tgt Ion:152 Resp: 298144
Ion Ratio Lower Upper
152 100
115 58.6 32.3 96.8
150 160.5 0.0 355.8





#73

Isopropylbenzene

Concen: 18.391 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS02

Tgt Ion:105 Resp: 515228

Ion Ratio Lower Upper

105 100

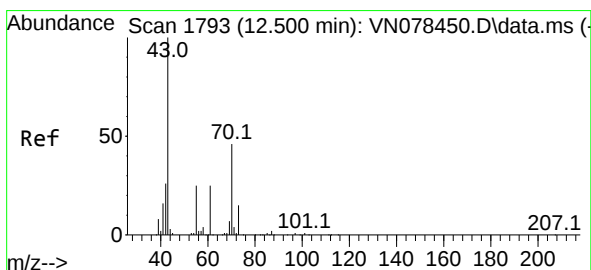
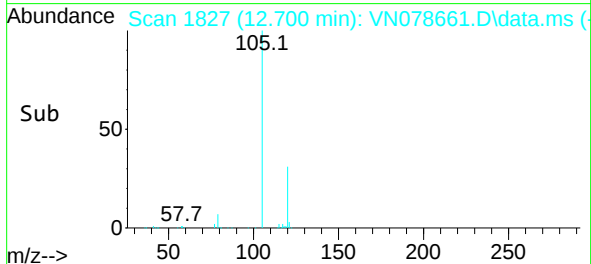
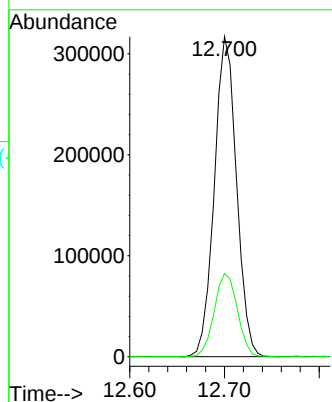
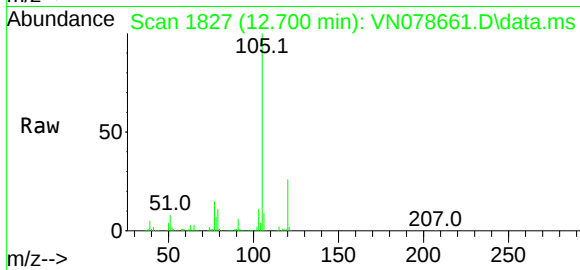
120 27.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#74

N-ethyl acetate

Concen: 18.389 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

Tgt Ion: 43 Resp: 177531

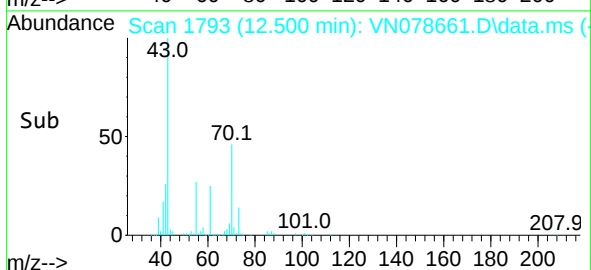
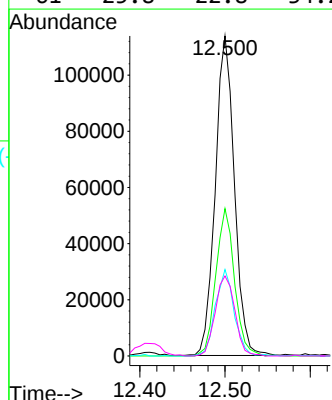
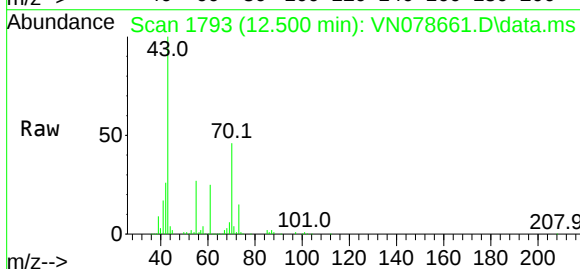
Ion Ratio Lower Upper

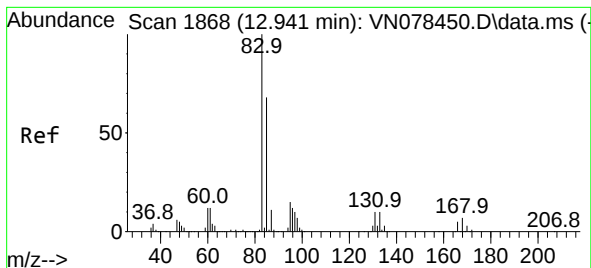
43 100

70 45.0 43.4 65.2

55 26.7 21.4 32.0

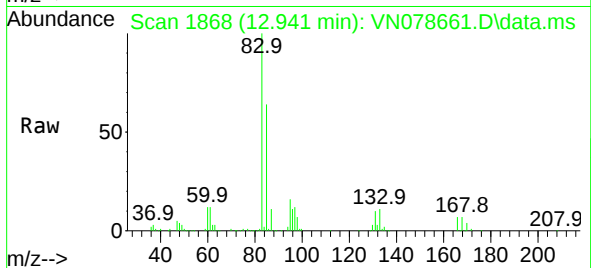
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.740 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

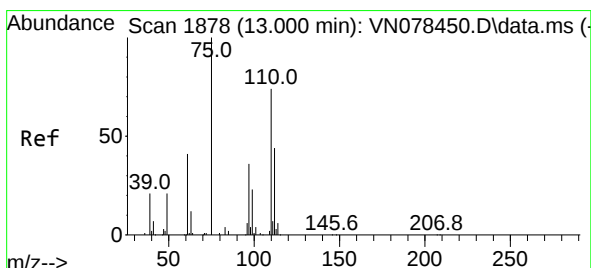
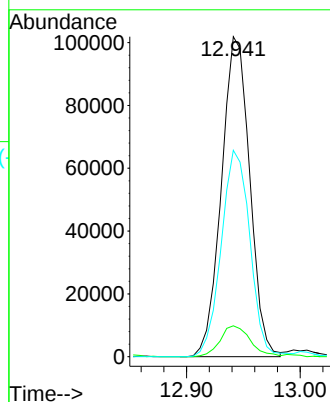
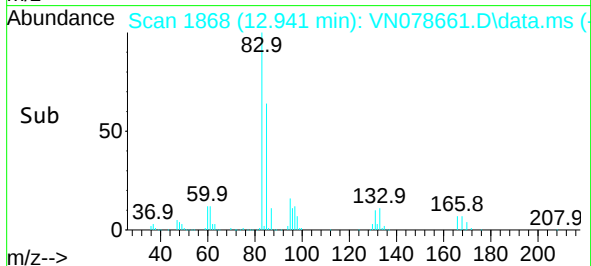
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



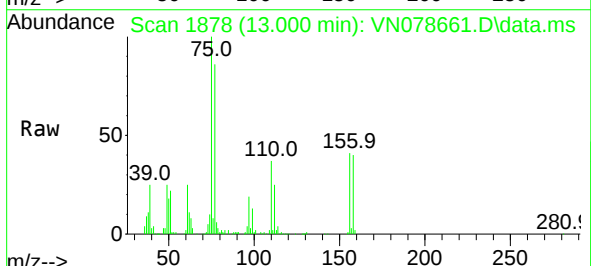
Tgt Ion: 83 Resp: 17646
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 65.6 31.9 95.7

Manual Integrations
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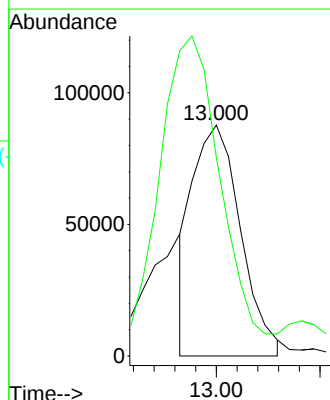
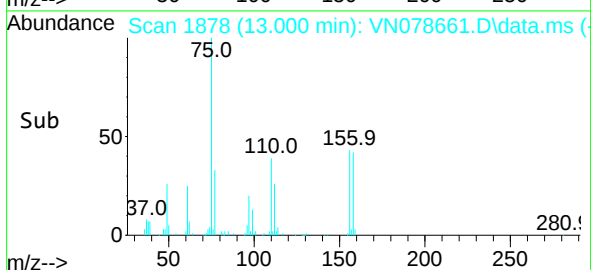
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

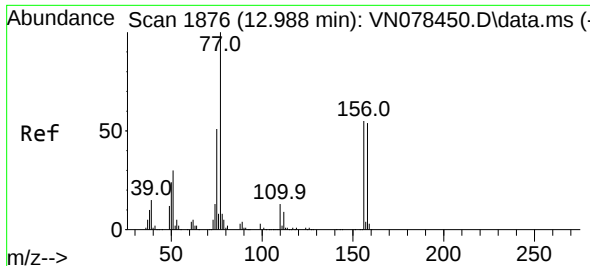


#76
1,2,3-Trichloropropane
Concen: 19.554 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



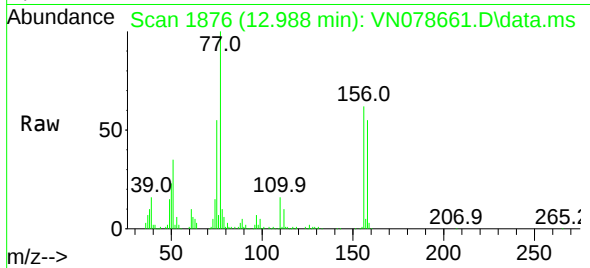
Tgt Ion: 75 Resp: 140915
Ion Ratio Lower Upper
75 100
77 182.3 84.5 253.5





#77
Bromobenzene
Concen: 20.131 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

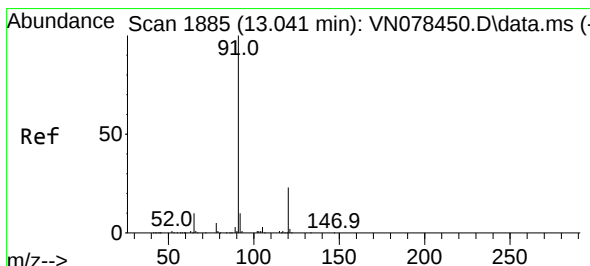
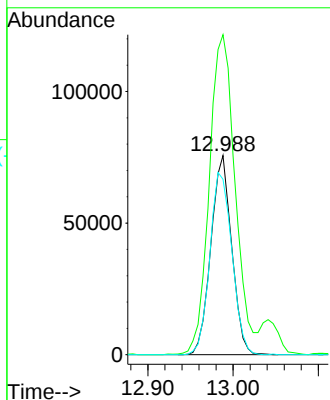
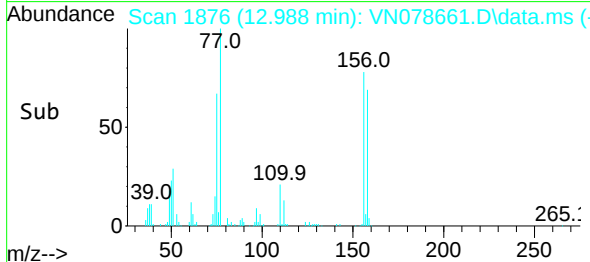
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



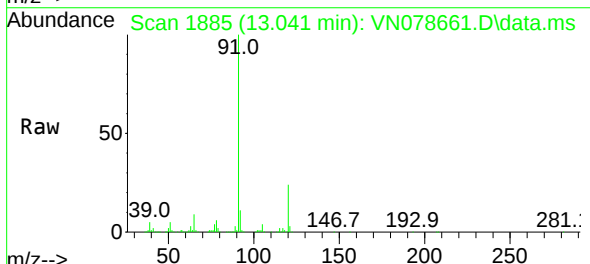
Tgt Ion:156 Resp: 128260
Ion Ratio Lower Upper
156 100
77 200.3 107.7 323.3
158 97.2 48.4 145.3

Manual Integrations
APPROVED

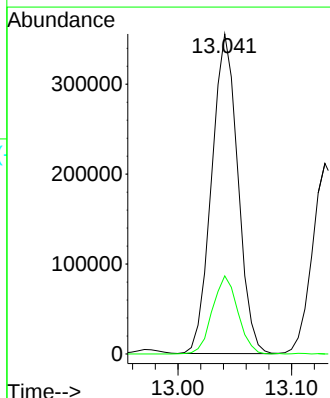
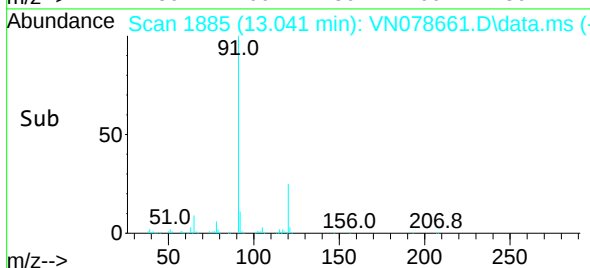
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

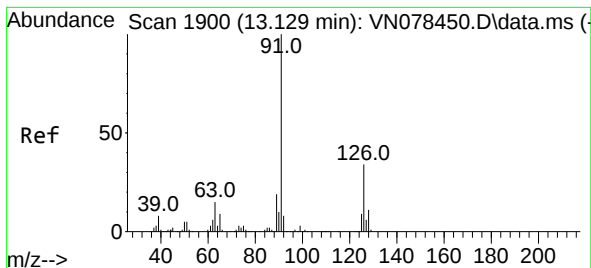


#78
n-propylbenzene
Concen: 19.031 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



Tgt Ion: 91 Resp: 570183
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





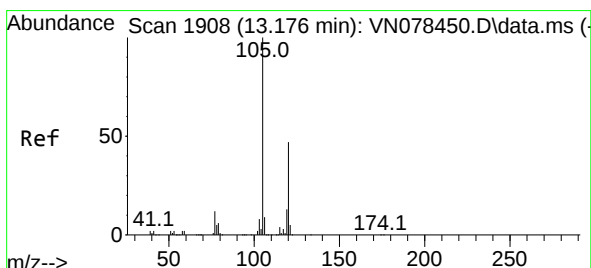
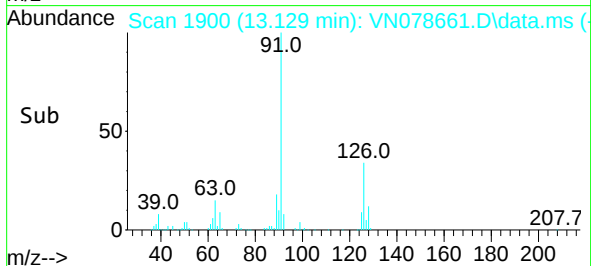
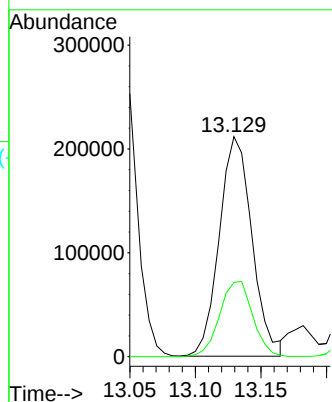
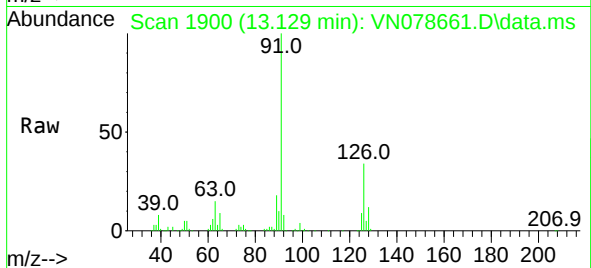
#79
2-Chlorotoluene
Concen: 18.704 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02

Tgt Ion: 91 Resp: 36705
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

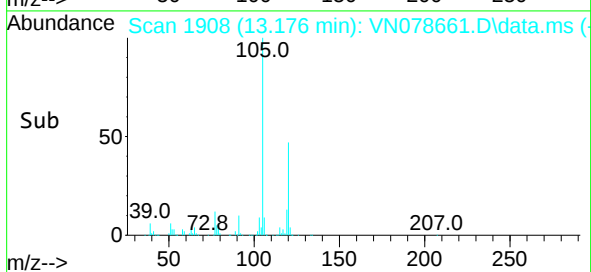
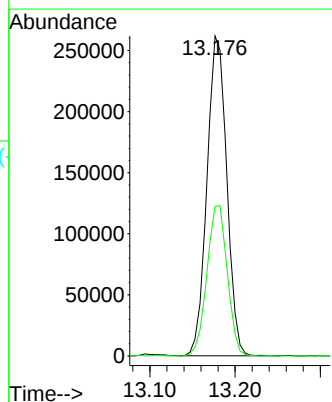
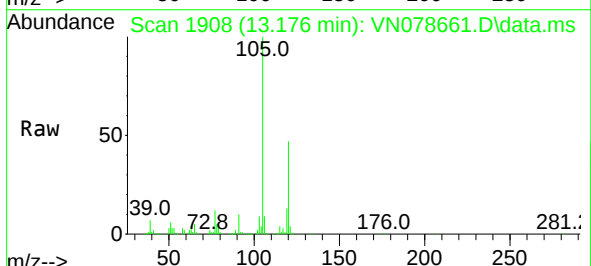
Manual Integrations
APPROVED

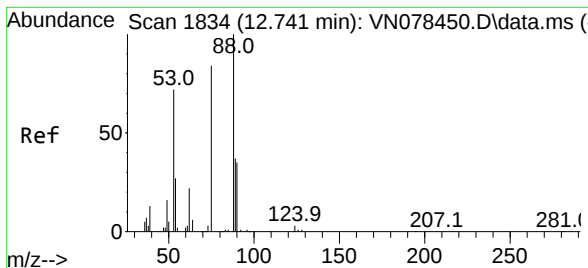
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.068 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

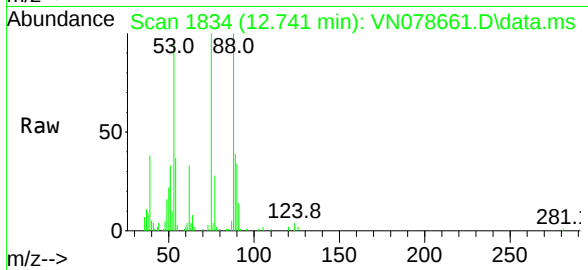
Tgt Ion:105 Resp: 422069
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.459 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

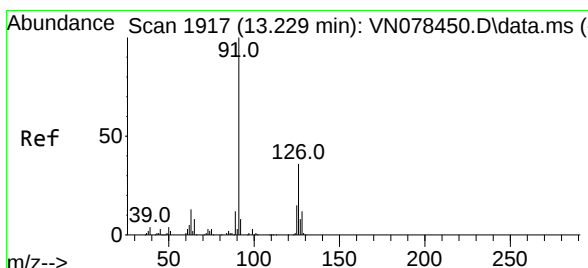
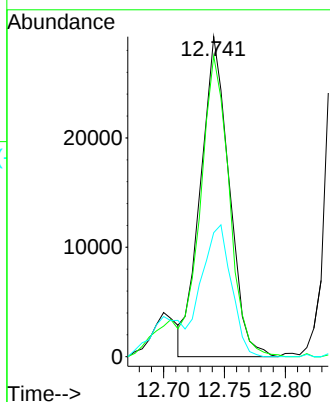
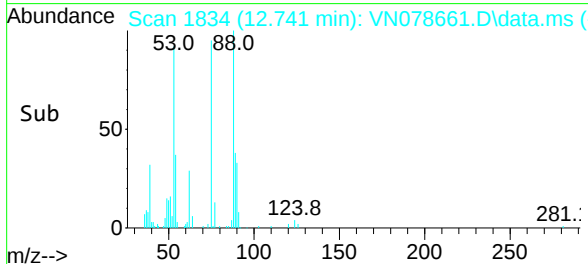
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



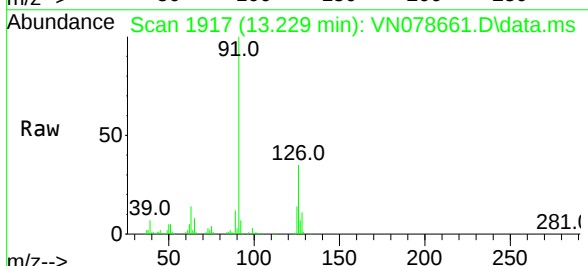
Tgt Ion: 75 Resp: 47879
Ion Ratio Lower Upper
75 100
53 104.8 67.4 101.2
89 42.8 38.8 58.2

Manual Integrations
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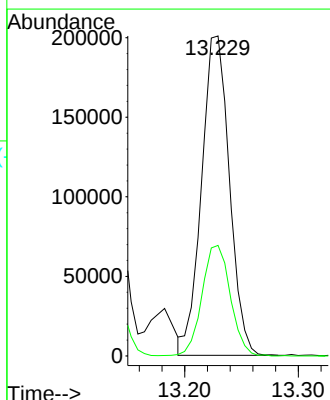
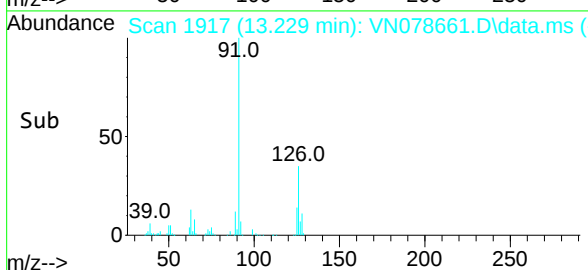
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

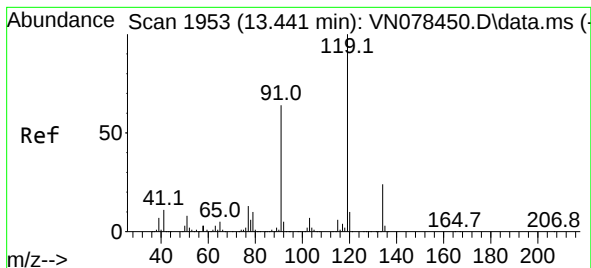


#82
4-Chlorotoluene
Concen: 18.695 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



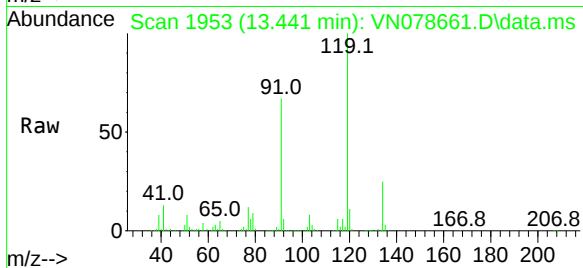
Tgt Ion: 91 Resp: 342242
Ion Ratio Lower Upper
91 100
126 35.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.779 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

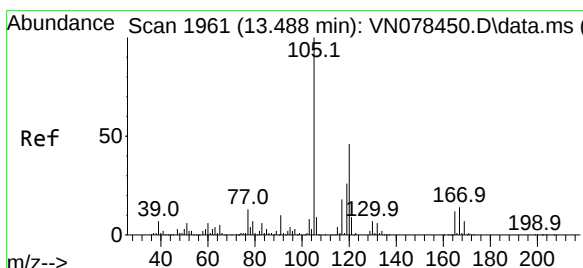
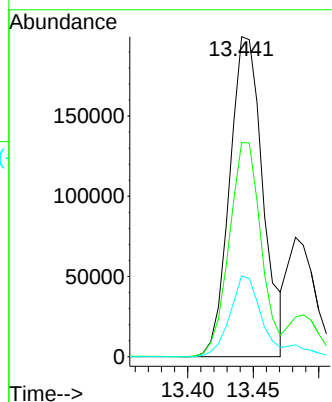
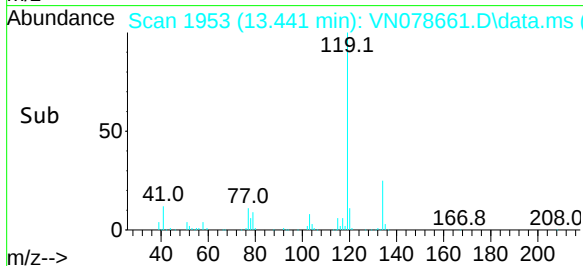
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



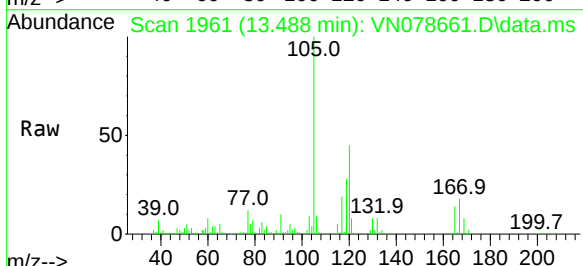
Tgt Ion:119 Resp: 352922
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 25.9 13.2 39.6

Manual Integrations
APPROVED

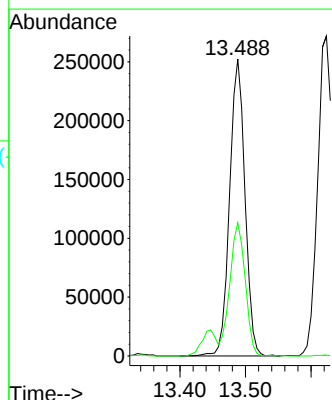
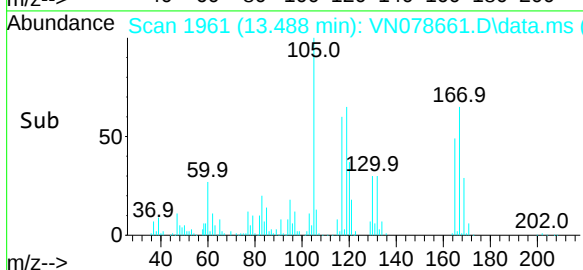
Reviewed By :John Carbone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

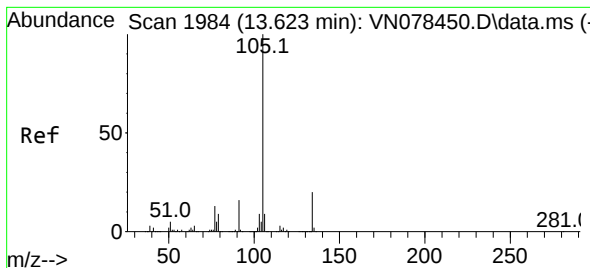


#84
1,2,4-Trimethylbenzene
Concen: 19.084 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



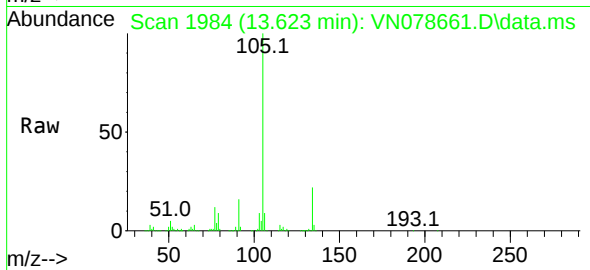
Tgt Ion:105 Resp: 410317
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.608 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57

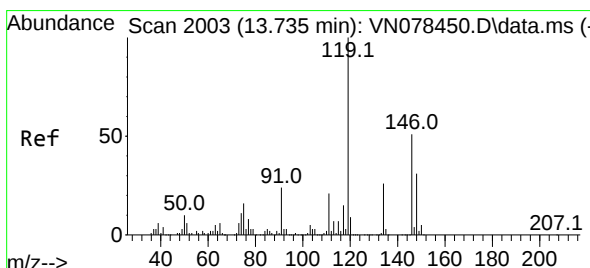
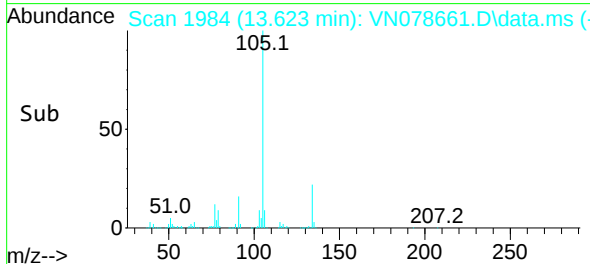
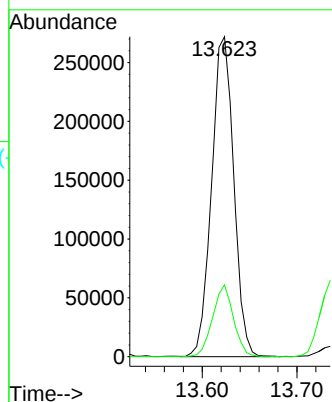
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS02



Tgt Ion:105 Resp: 442029
 Ion Ratio Lower Upper
 105 100
 134 21.1 9.8 29.3

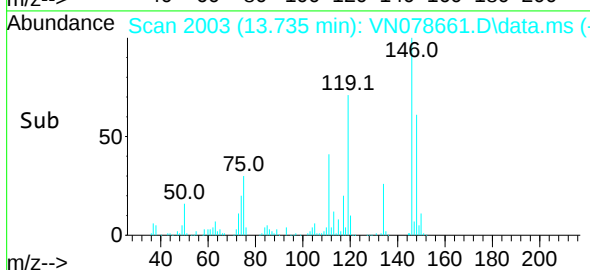
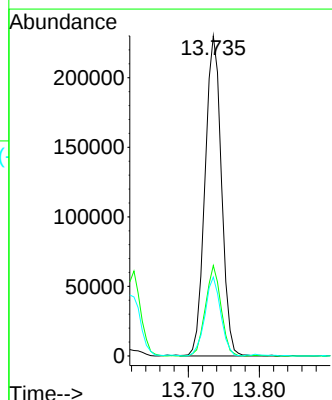
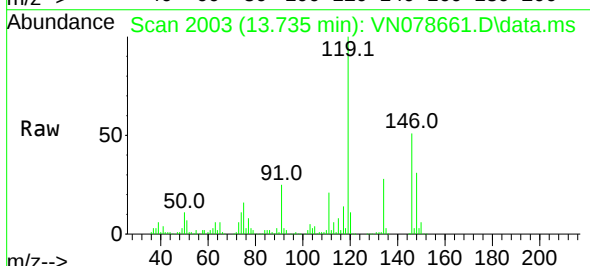
Manual Integrations
 APPROVED

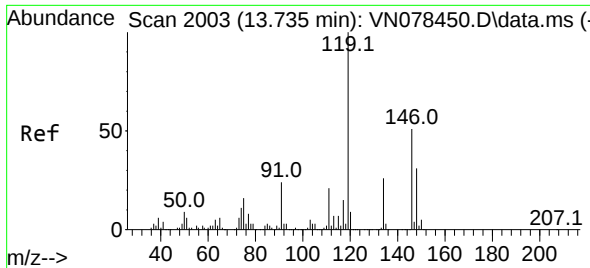
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#86
 p-Isopropyltoluene
 Concen: 19.373 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078661.D
 Acq: 27 Jul 2023 14:57

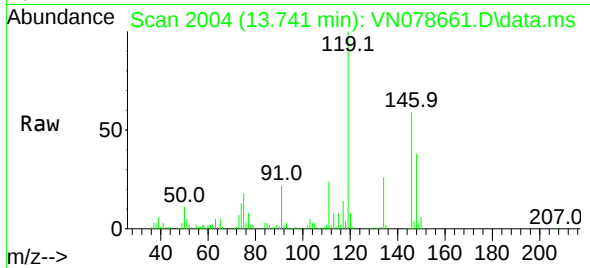
Tgt Ion:119 Resp: 369526
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 23.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.373 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

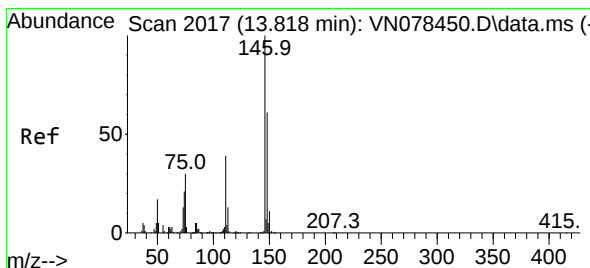
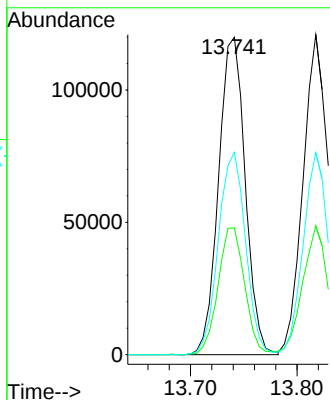
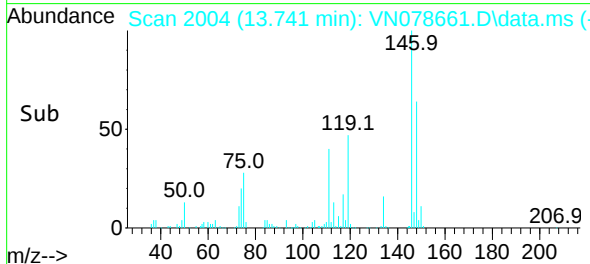
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion:146 Resp: 20835
Ion Ratio Lower Upper
146 100
111 39.9 22.1 66.3
148 65.2 32.0 96.0

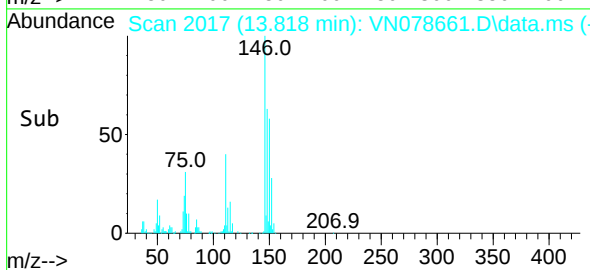
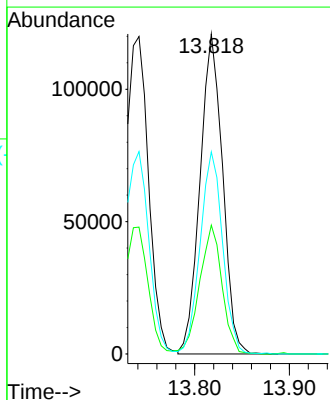
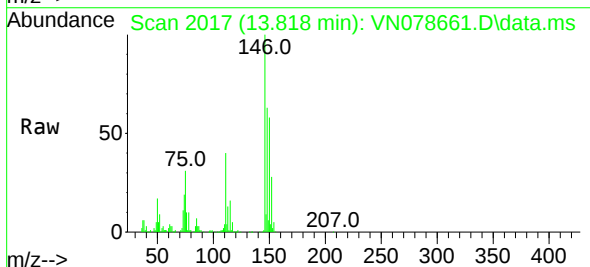
Manual Integrations
APPROVED

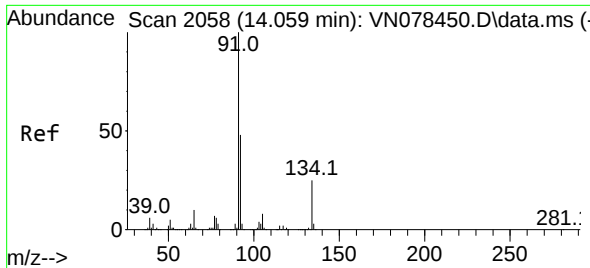
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#88
1,4-Dichlorobenzene
Concen: 18.444 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

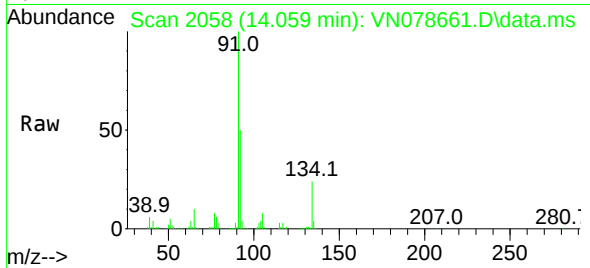
Tgt Ion:146 Resp: 199799
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 19.183 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

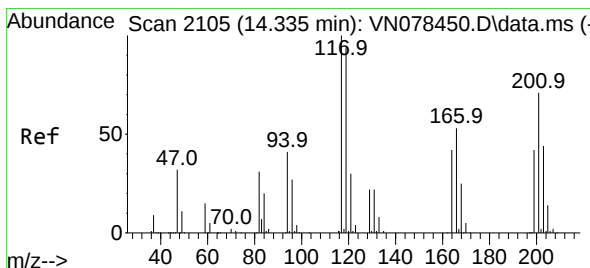
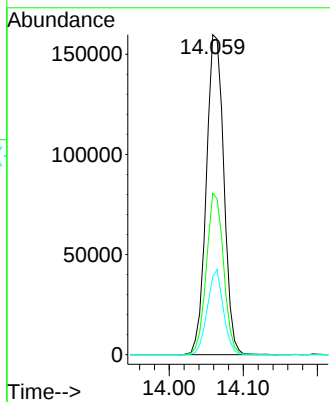
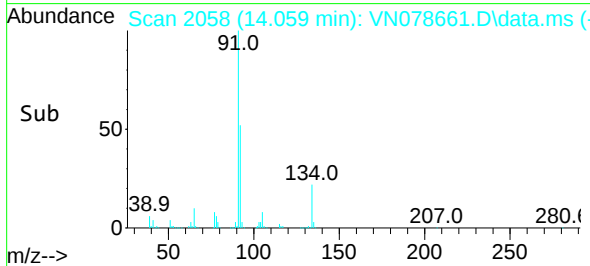
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



Tgt Ion: 91 Resp: 261804
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 24.4 12.6 37.6

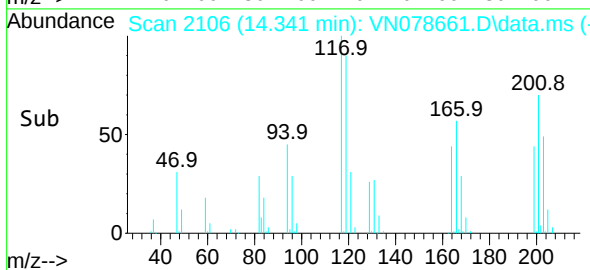
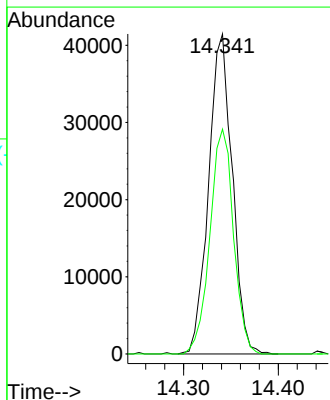
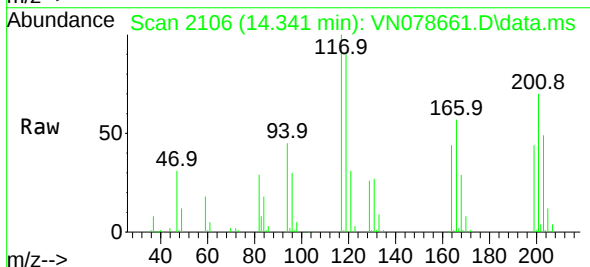
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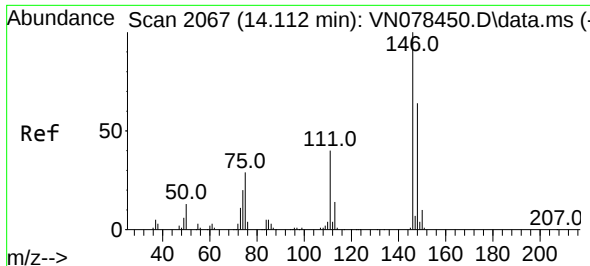
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#90
Hexachloroethane
Concen: 19.996 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

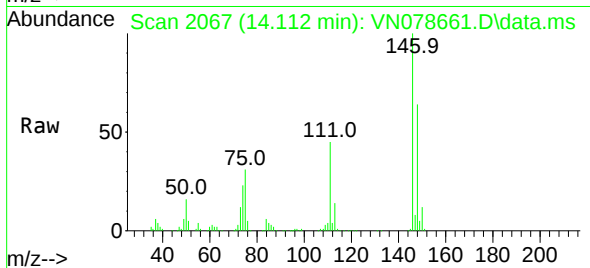
Tgt Ion:117 Resp: 71816
Ion Ratio Lower Upper
117 100
201 70.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.425 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

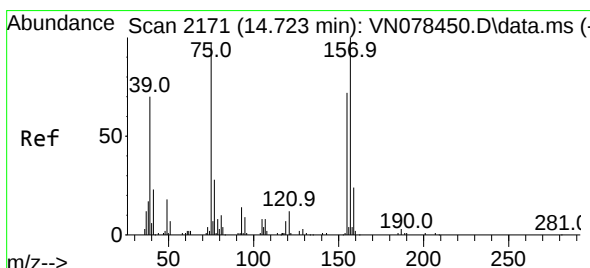
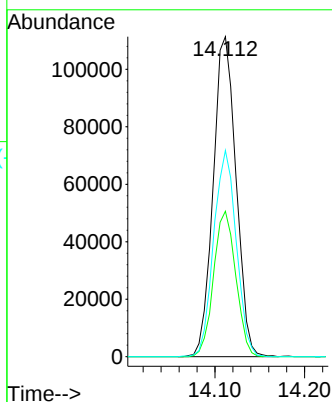
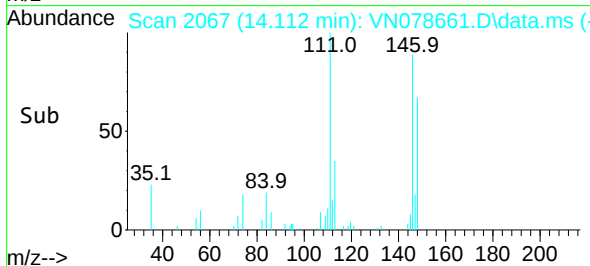
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



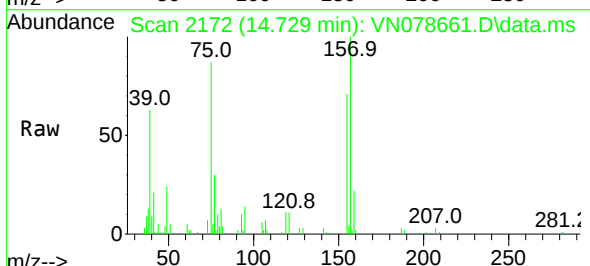
Tgt Ion:146 Resp: 197200
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 63.7 31.8 95.3

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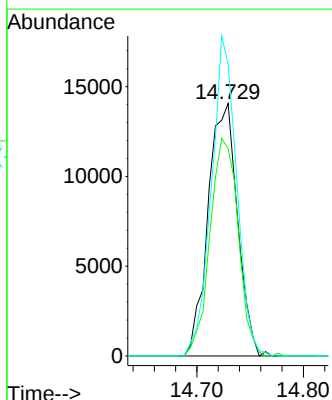
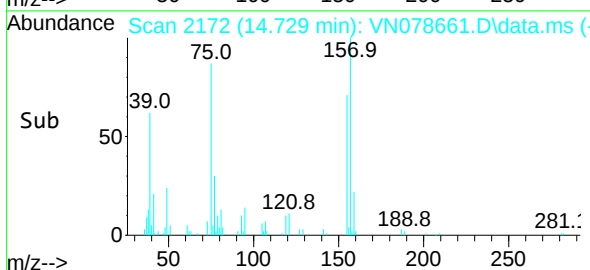
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

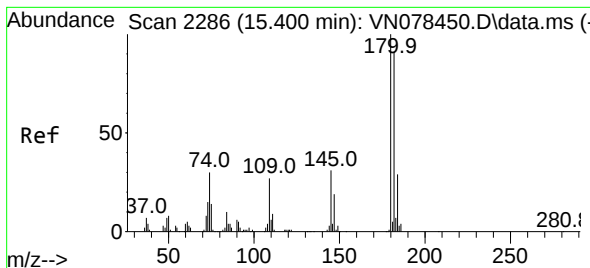


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.857 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



Tgt Ion: 75 Resp: 26894
Ion Ratio Lower Upper
75 100
155 82.6 39.1 117.2
157 109.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.451 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS02

Tgt Ion:180 Resp: 52780

Ion Ratio Lower Upper

180 100

182 94.1 46.1 138.2

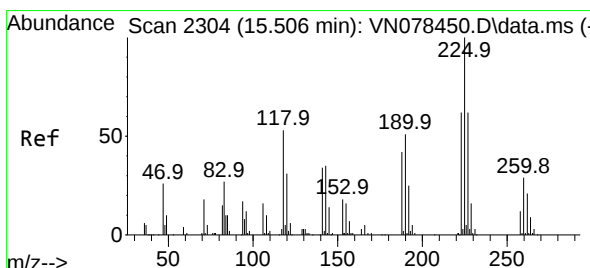
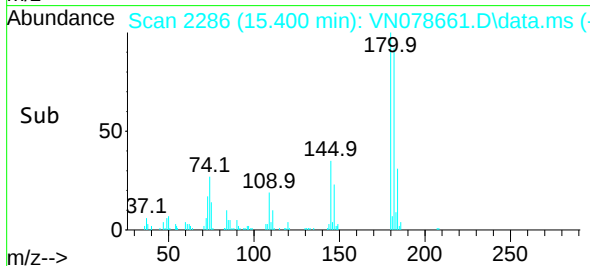
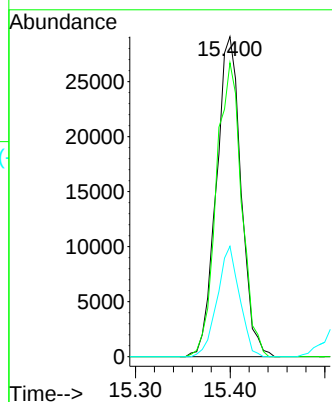
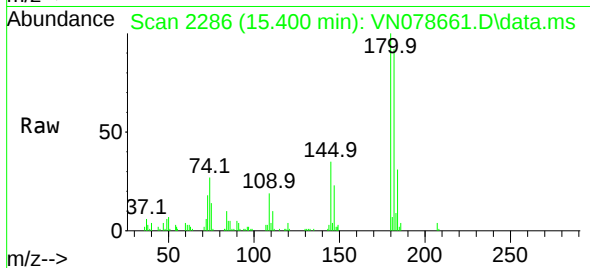
145 31.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#94

Hexachlorobutadiene

Concen: 20.069 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078661.D

Acq: 27 Jul 2023 14:57

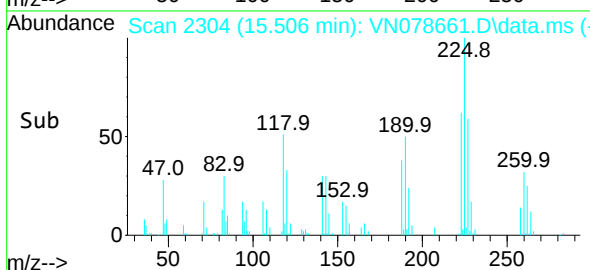
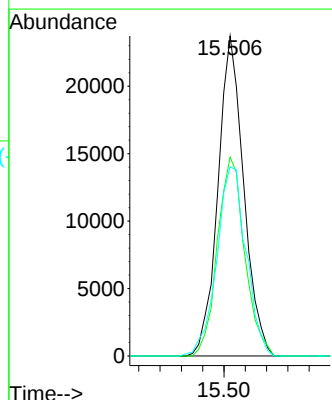
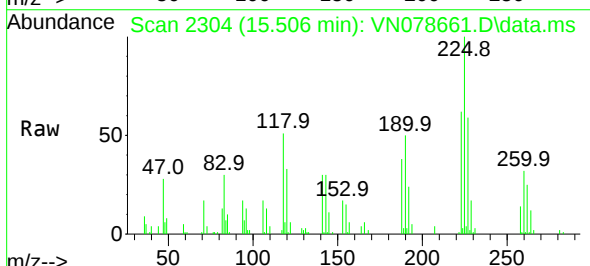
Tgt Ion:225 Resp: 39842

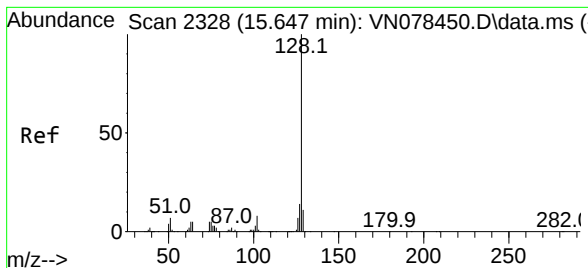
Ion Ratio Lower Upper

225 100

223 65.5 31.3 93.8

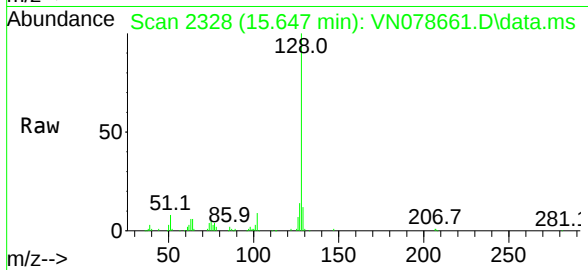
227 67.2 31.9 95.9





#95
Naphthalene
Concen: 13.479 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57

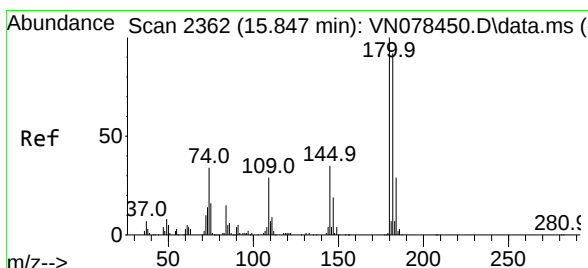
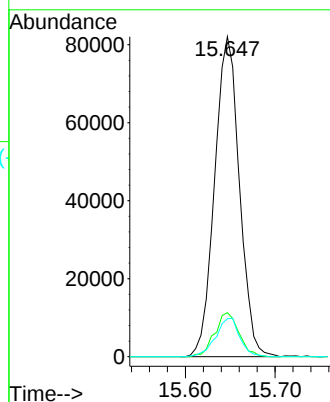
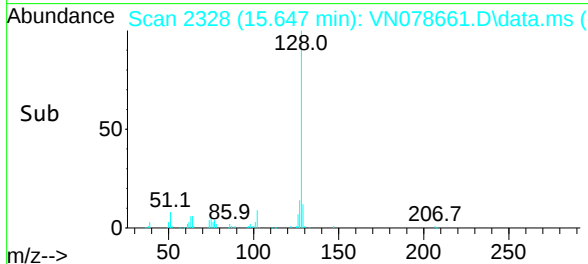
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS02



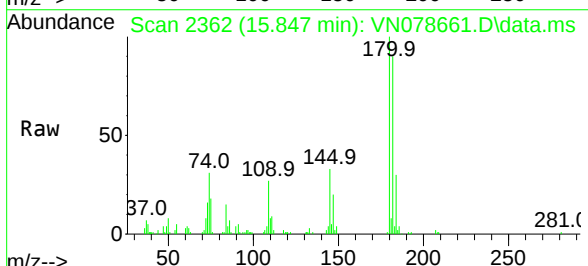
Tgt Ion:128 Resp: 157400
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.423 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078661.D
Acq: 27 Jul 2023 14:57



Tgt Ion:180 Resp: 68434
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.6
145 35.1 17.5 52.6

