

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078731.D
 Acq On : 02 Aug 2023 13:45
 Operator : JC\MD
 Sample : VN0802WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 05:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	97624	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	531657	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	547134	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	217104	29.668	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.900%		
60) 4-Bromofluorobenzene	12.853	95	205217	25.028	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	83.433%		
63) Toluene-d8	10.571	98	680914	25.193	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	83.967%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	99750	16.199	ug/l	92
3) Chloromethane	2.371	50	188175	24.826	ug/l	98
4) Vinyl Chloride	2.524	62	194422	18.874	ug/l	90
5) Bromomethane	2.971	94	129617	16.833	ug/l	97
6) Chloroethane	3.130	64	122723	18.293	ug/l	97
7) Trichlorofluoromethane	3.512	101	290495	27.491	ug/l	98
8) Diethyl Ether	3.977	74	113625	32.937	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	99602	17.560	ug/l	94
10) 1,1-Dichloroethene	4.353	96	93277	17.150	ug/l	96
11) Methyl Iodide	4.600	142	146295	19.136	ug/l	93
12) Methyl Acetate	5.042	43	159274	18.055	ug/l	94
13) Acrolein	4.183	56	79730	84.871	ug/l	100
14) Acrylonitrile	5.736	53	224461	86.891	ug/l	98
15) Acetone	4.442	58	66522	88.879	ug/l	96
16) Carbon Disulfide	4.724	76	255859	16.654	ug/l	99
17) Allyl chloride	5.036	41	135951	18.307	ug/l	96
18) Methylene Chloride	5.283	84	124012	19.005	ug/l	95
19) trans-1,2-Dichloroethene	5.800	96	108016	17.177	ug/l	95
20) Diisopropyl ether	6.677	45	313543	18.752	ug/l	97
21) 1,1-Dichloroethane	6.577	63	203058	18.340	ug/l	97
22) cis-1,2-Dichloroethene	7.500	96	129472	18.333	ug/l	97
23) tert-Butyl Alcohol	5.536	59	92506	87.635	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	336798	18.415	ug/l	98
25) Chloroform	7.971	83	224687	19.168	ug/l	86
26) Cyclohexane	8.265	56	144248	17.687	ug/l #	98
29) 1,1-Dichloropropene	8.383	75	152232	19.460	ug/l	99
30) 2-Butanone	7.494	43	297631	96.244	ug/l	96
31) 2,2-Dichloropropane	7.494	77	174801	19.473	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	196348	19.838	ug/l	100
33) Carbon Tetrachloride	8.371	117	174281	19.825	ug/l	99
34) Benzene	8.612	78	472034	20.087	ug/l	98
35) Methacrylonitrile	7.783	41	64091	18.873	ug/l	81
36) 1,2-Dichloroethane	8.677	62	172261	20.873	ug/l	100
37) Trichloroethene	9.365	130	124660	18.904	ug/l	98
38) Methylcyclohexane	9.606	83	144495	17.977	ug/l	98
39) 1,2-Dichloropropane	9.630	63	120789	19.174	ug/l	96
40) Dibromomethane	9.718	93	86849	19.919	ug/l	96
41) Bromodichloromethane	9.894	83	174068	19.969	ug/l	95
42) Vinyl Acetate	6.618	43	962180	96.776	ug/l	100

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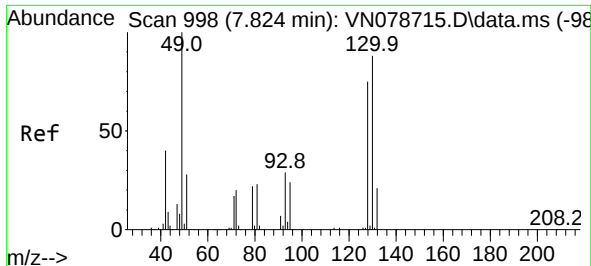
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 Supervised By :Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 05:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	130465	20.406	ug/l	96
44) Isopropyl Acetate	8.694	43	222605	19.845	ug/l	98
45) 1,4-Dioxane	9.700	88	38900	377.003	ug/l	94
46) Methyl methacrylate	9.688	41	98990	19.271	ug/l	89
47) n-amyl Acetate	12.500	43	181641	21.026	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	181587	19.518	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	197499	19.987	ug/l	98
50) 1,1,2-Trichloroethane	11.024	97	120679	19.553	ug/l	98
51) Ethyl methacrylate	10.882	69	156752	18.551	ug/l	89
52) 1,3-Dichloropropane	11.171	76	198275	17.874	ug/l	98
53) Dibromochloromethane	11.365	129	133877	19.201	ug/l	99
54) 1,2-Dibromoethane	11.477	107	124464	20.083	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	280905	104.325	ug/l	99
56) Bromoform	12.582	173	106882	23.428	ug/l	95
58) 4-Methyl-2-Pentanone	10.453	43	647482	79.063	ug/l	99
59) 2-Hexanone	11.200	43	447624	72.189	ug/l	99
61) Tetrachloroethene	11.106	164	112549	15.643	ug/l	96
62) Toluene	10.635	91	531178	16.140	ug/l	99
64) Chlorobenzene	11.888	112	343300	17.867	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	131531	17.357	ug/l	97
66) Ethyl Benzene	11.971	91	548891	16.548	ug/l	99
67) m/p-Xylenes	12.076	106	406767	32.105	ug/l	97
68) o-Xylene	12.406	106	209658	16.263	ug/l	99
69) Styrene	12.418	104	326021	15.717	ug/l	99
70) Isopropylbenzene	12.700	105	638201	20.011	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	168498	16.264	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	132937m	15.297	ug/l	
73) Bromobenzene	12.988	156	124090	15.875	ug/l	99
74) n-propylbenzene	13.041	91	546032	15.447	ug/l	98
75) 2-Chlorotoluene	13.129	91	367011	15.034	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	449030	15.770	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	47154	15.525	ug/l	87
78) 4-Chlorotoluene	13.229	91	375059	15.912	ug/l	98
79) tert-butylbenzene	13.441	119	411701	16.799	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	492221	18.100	ug/l	100
81) sec-Butylbenzene	13.623	105	506202	16.114	ug/l	99
82) p-Isopropyltoluene	13.735	119	408388	15.835	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	220519	15.908	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	215150	16.578	ug/l	99
85) n-Butylbenzene	14.059	91	282426	15.792	ug/l	99
86) Hexachloroethane	14.335	117	80583	17.150	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	222868	17.178	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	25452	14.467	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	46146	12.467	ug/l	93
90) Hexachlorobutadiene	15.506	225	42569	15.096	ug/l	98
91) Naphthalene	15.647	128	130397	11.629	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	60193	14.289	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



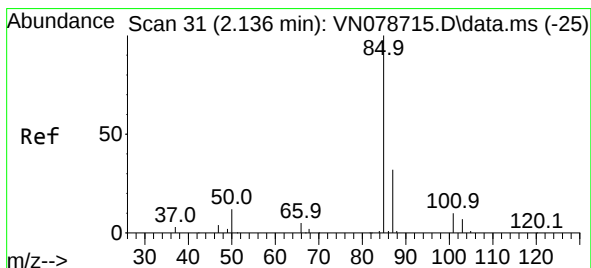
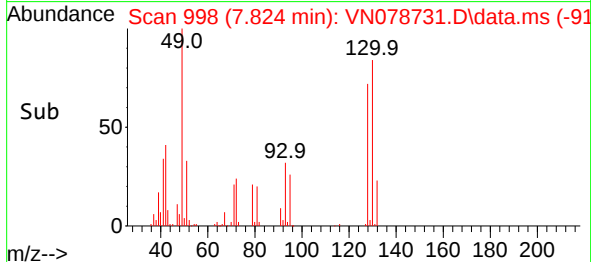
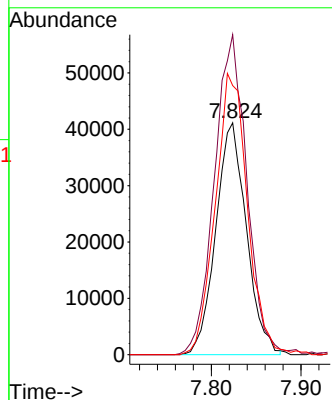
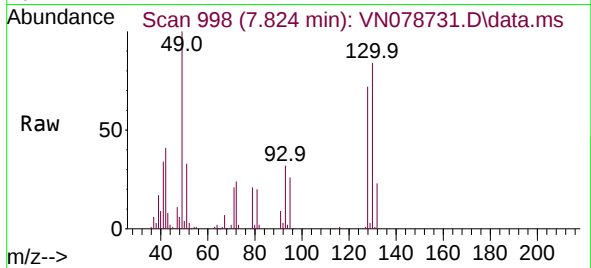
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion:128 Resp: 97624
Ion Ratio Lower Upper
128 100
49 145.6 0.0 370.8
130 127.1 0.0 307.0

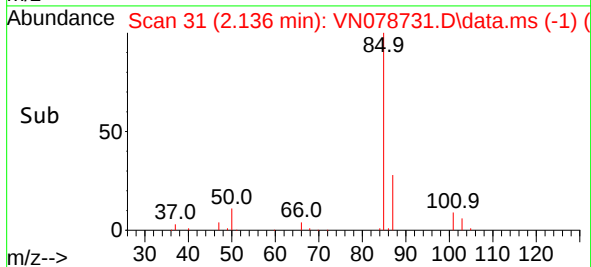
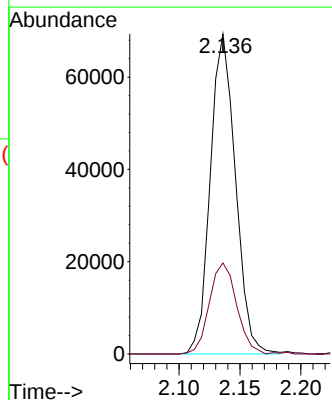
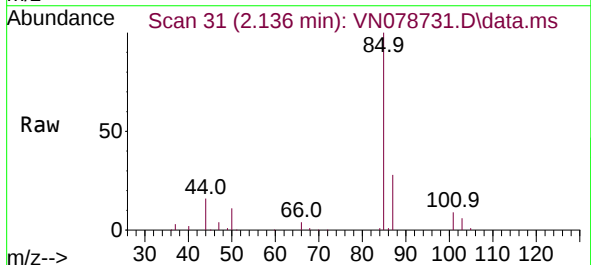
Manual Integrations
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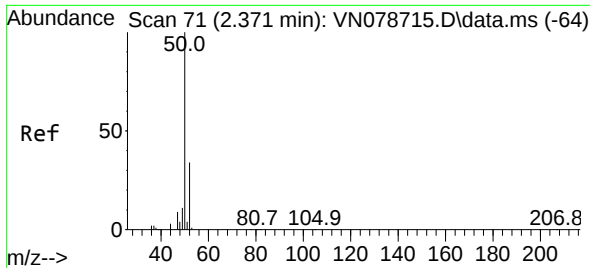
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#2
Dichlorodifluoromethane
Concen: 16.199 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

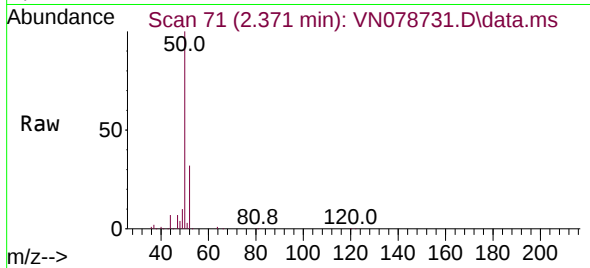
Tgt Ion: 85 Resp: 99750
Ion Ratio Lower Upper
85 100
87 28.4 16.4 49.4





#3
Chloromethane
Concen: 24.826 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

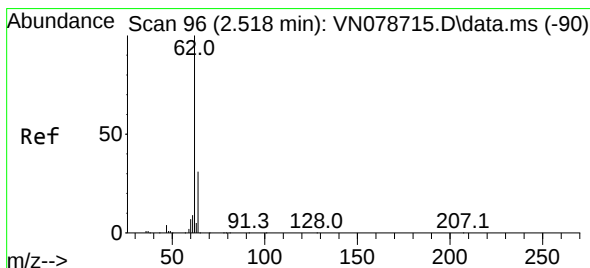
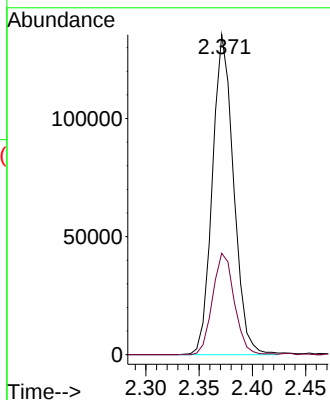
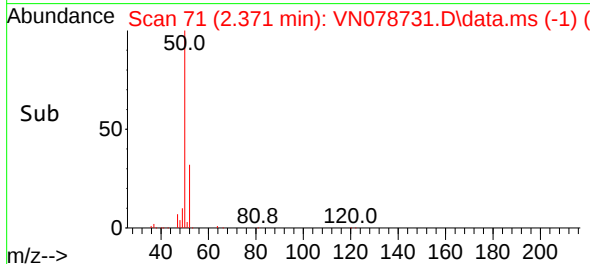
Instrument :
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ClientSampleId :
VN0802WBS02



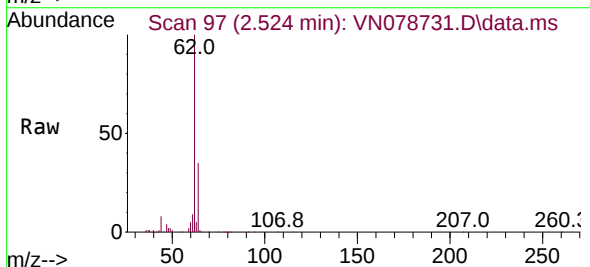
Tgt Ion: 50 Resp: 188179
Ion Ratio Lower Upper
50 100
52 31.7 24.6 36.8

Manual Integrations
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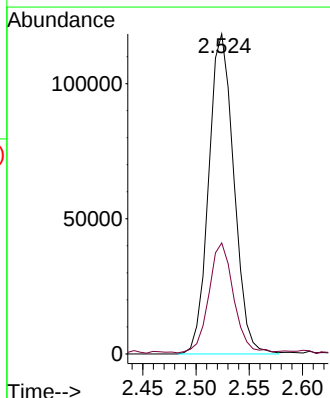
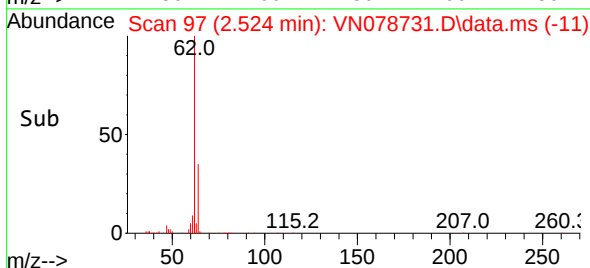
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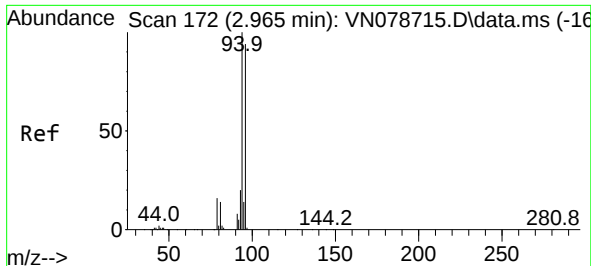


#4
Vinyl Chloride
Concen: 18.874 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



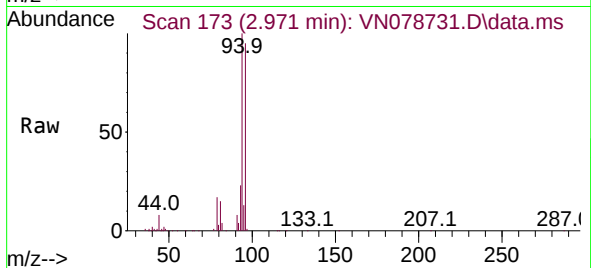
Tgt Ion: 62 Resp: 194422
Ion Ratio Lower Upper
62 100
64 34.3 23.3 34.9





#5
Bromomethane
Concen: 16.833 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

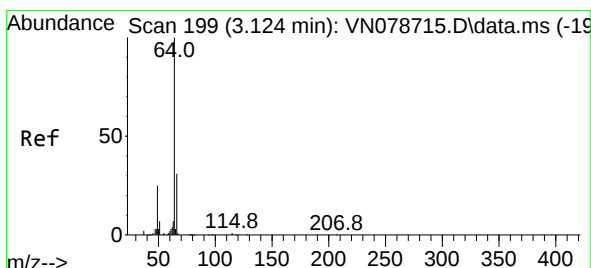
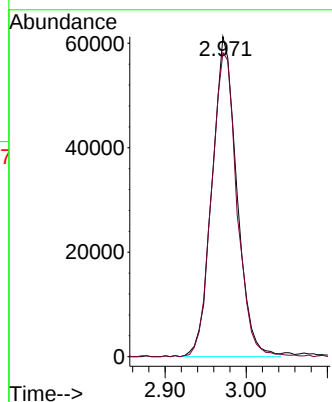
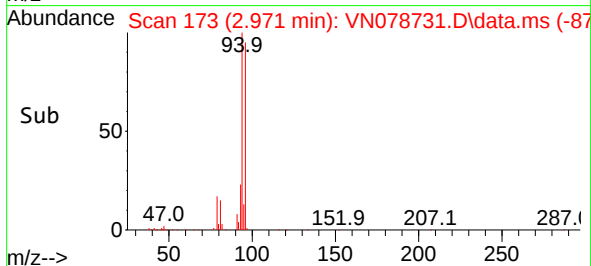
Instrument :
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ClientSampleId :
VN0802WBS02



Tgt Ion: 94 Resp: 12961
Ion Ratio Lower Upper
94 100
96 95.0 73.9 110.9

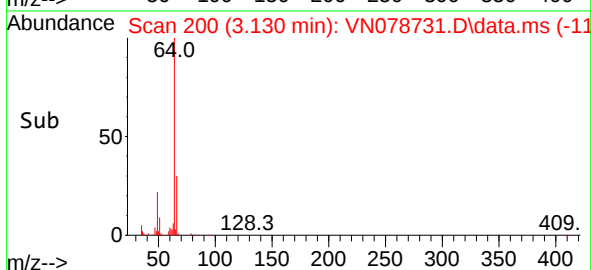
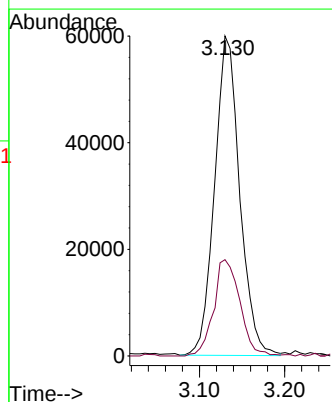
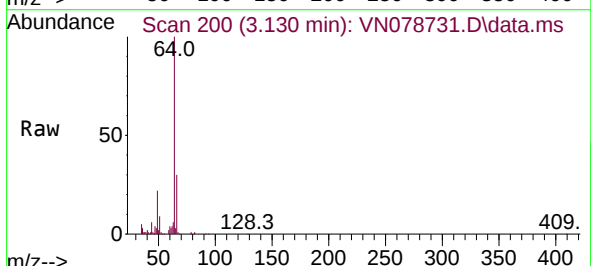
Manual Integrations
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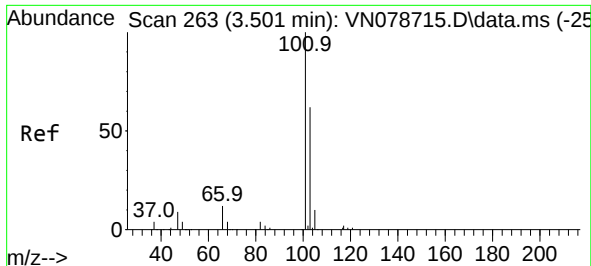
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#6
Chloroethane
Concen: 18.293 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

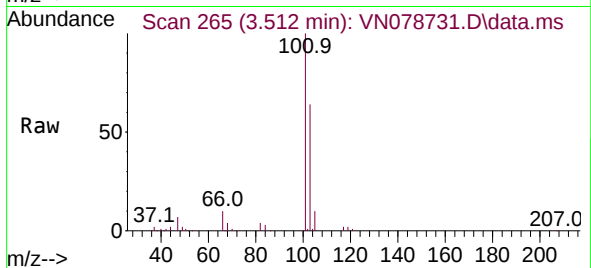
Tgt Ion: 64 Resp: 122723
Ion Ratio Lower Upper
64 100
66 30.2 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 27.491 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.012 min
 Lab File: VN078731.D
 Acq: 02 Aug 2023 13:45

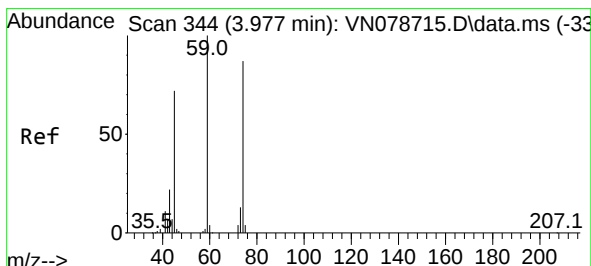
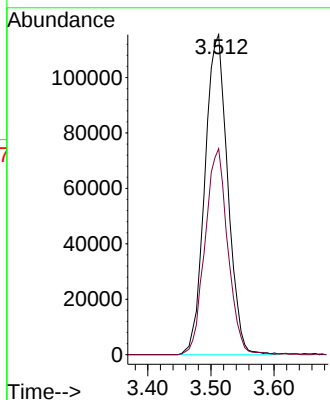
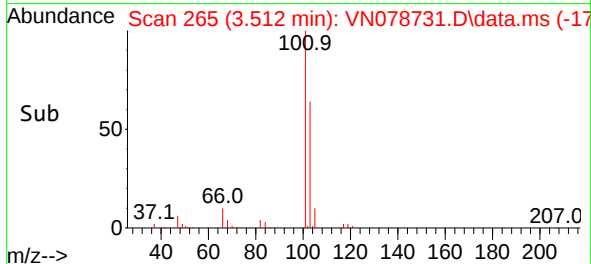
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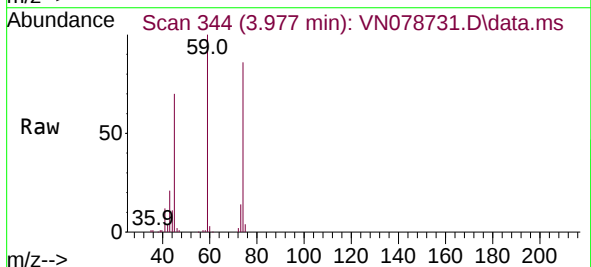
Tgt Ion:101 Resp: 290495
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.4 75.6

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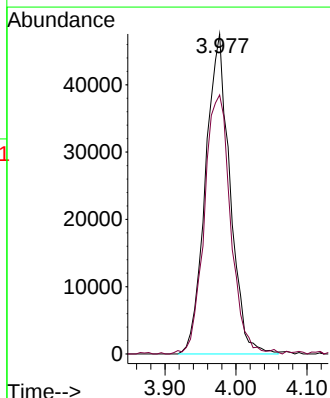
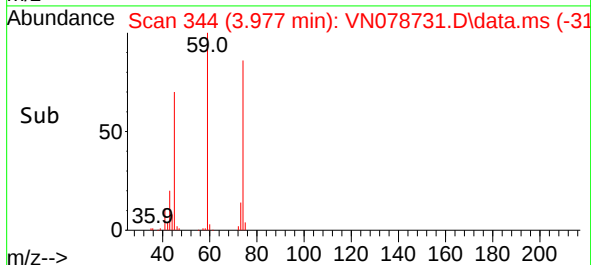
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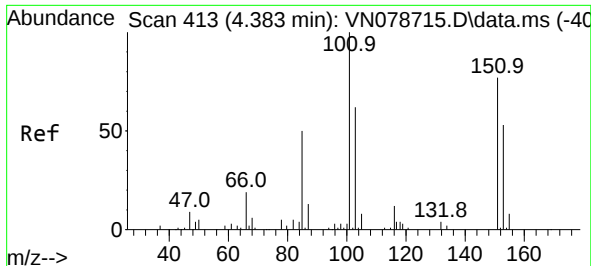


#8
 Diethyl Ether
 Concen: 32.937 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.000 min
 Lab File: VN078731.D
 Acq: 02 Aug 2023 13:45



Tgt Ion: 74 Resp: 113625
 Ion Ratio Lower Upper
 74 100
 45 86.5 16.3 146.5





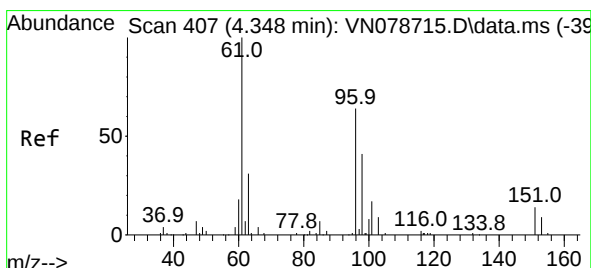
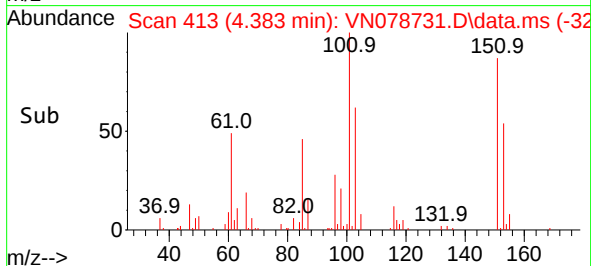
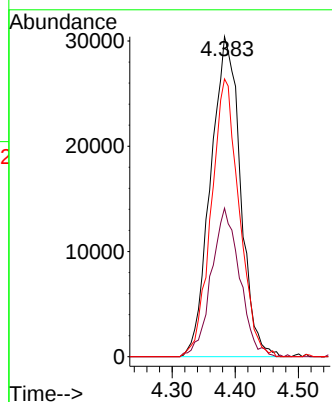
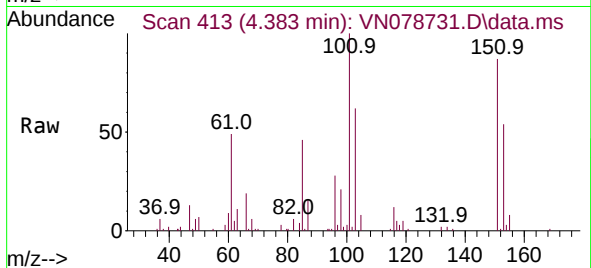
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1,1,2-Trichlorotrifluoroethane
Concen: 17.560 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion:101 Resp: 9960
Ion Ratio Lower Upper
101 100
85 43.4 0.0 89.2
151 81.3 0.0 148.8

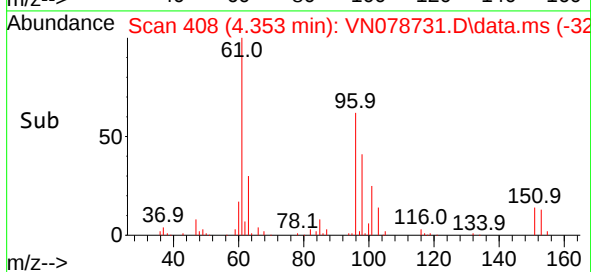
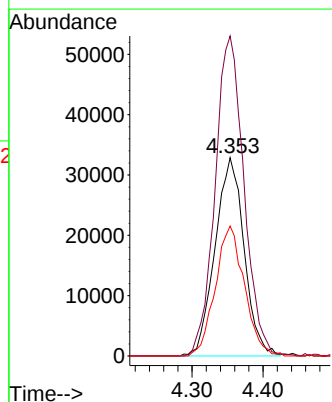
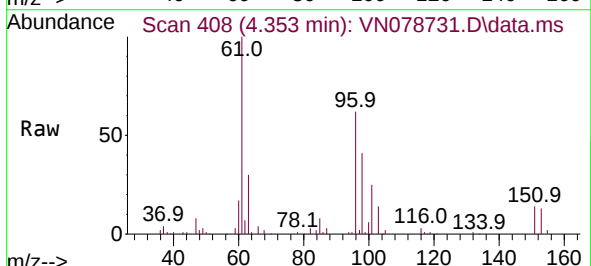
Manual Integrations
APPROVED

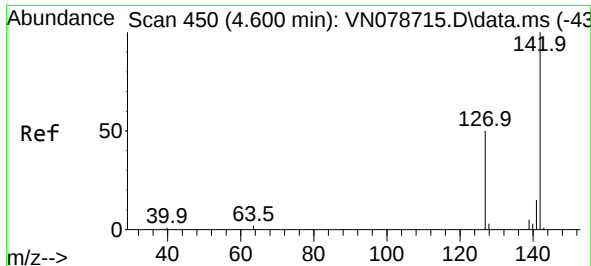
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#10
1,1-Dichloroethene
Concen: 17.150 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

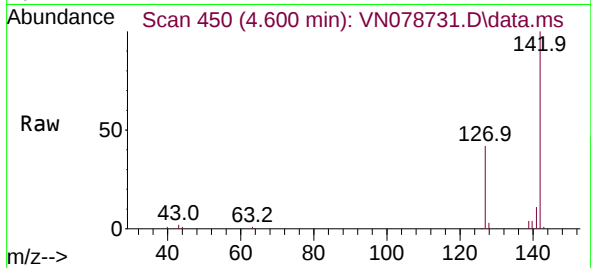
Tgt Ion: 96 Resp: 93277
Ion Ratio Lower Upper
96 100
61 161.4 123.4 185.2
98 65.6 53.7 80.5





#11
Methyl Iodide
Concen: 19.136 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

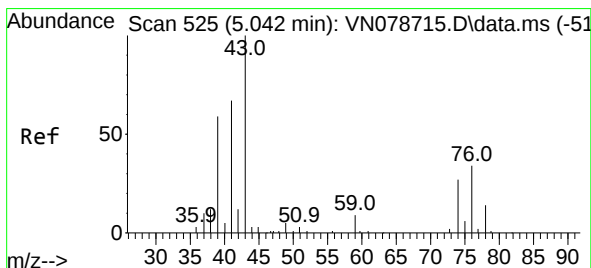
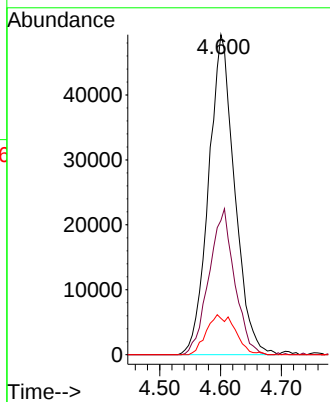
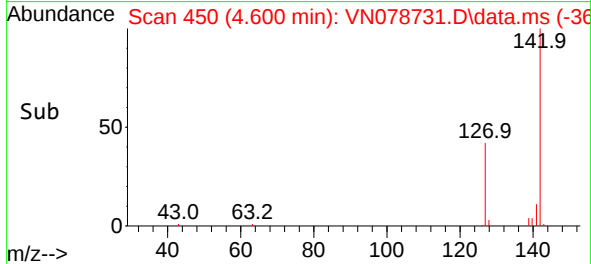
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion:142 Resp: 146295
Ion Ratio Lower Upper
142 100
127 41.7 23.2 69.5
141 11.3 7.2 21.7

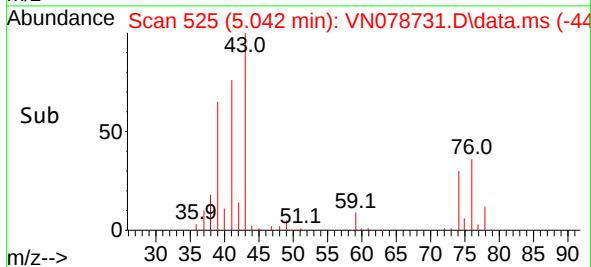
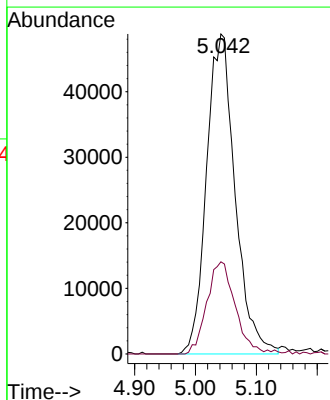
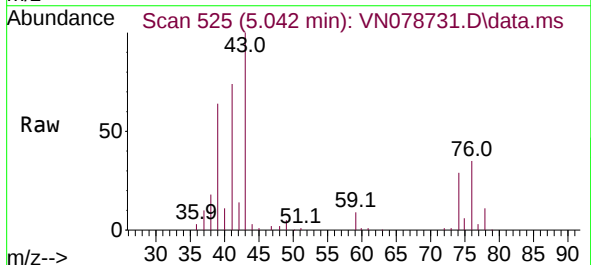
Manual Integrations
APPROVED

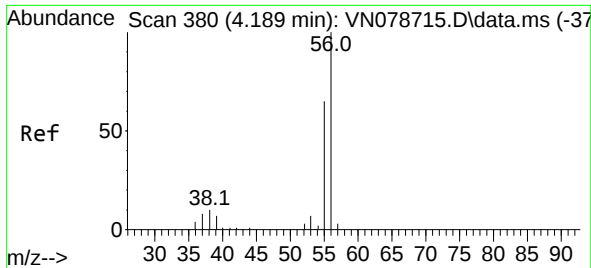
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#12
Methyl Acetate
Concen: 18.055 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

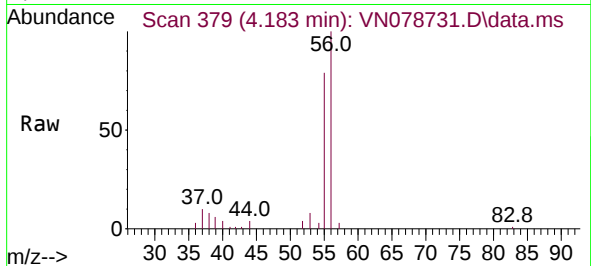
Tgt Ion: 43 Resp: 159274
Ion Ratio Lower Upper
43 100
74 28.8 20.5 30.7





#13
Acrolein
Concen: 84.871 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

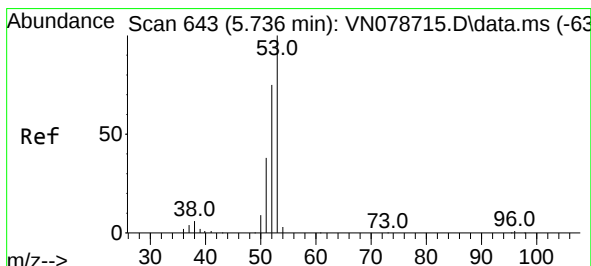
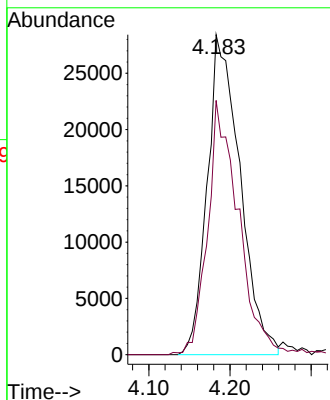
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 56 Resp: 79730
Ion Ratio Lower Upper
56 100
55 73.4 59.0 88.4

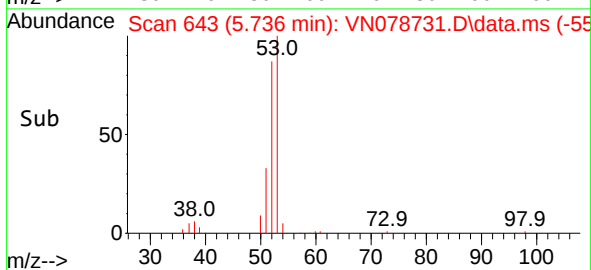
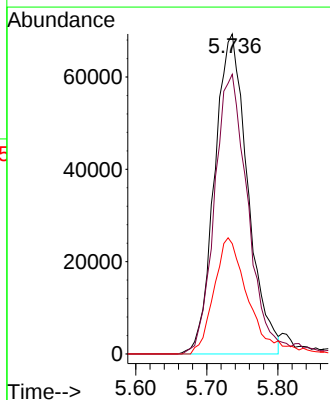
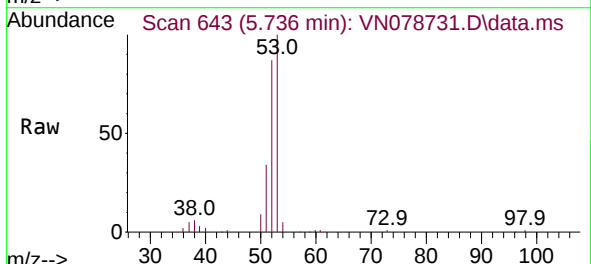
Manual Integrations
APPROVED

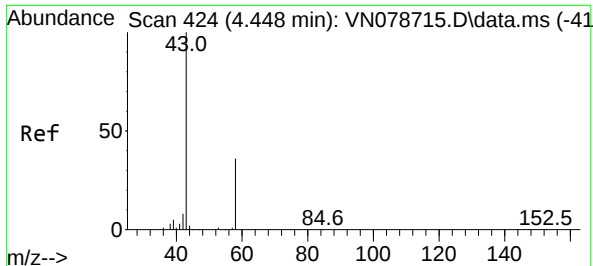
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#14
Acrylonitrile
Concen: 86.891 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

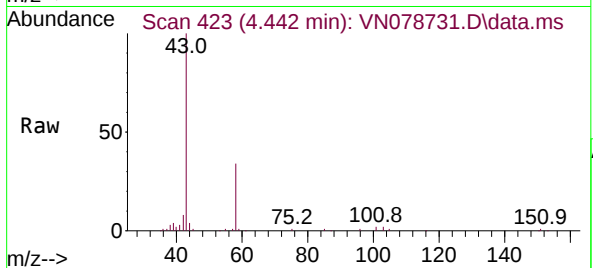
Tgt Ion: 53 Resp: 224461
Ion Ratio Lower Upper
53 100
52 87.7 42.3 126.9
51 36.7 18.4 55.4





#15
Acetone
Concen: 88.879 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

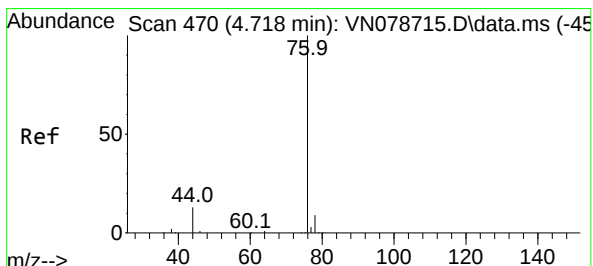
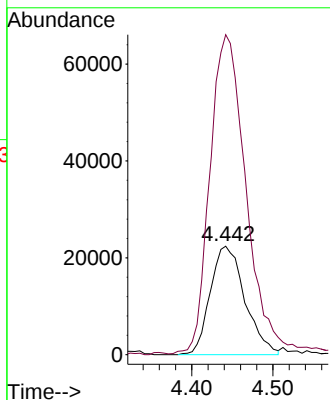
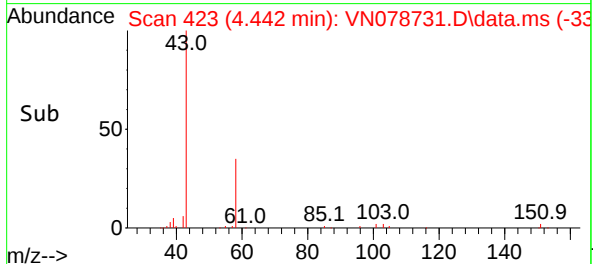
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



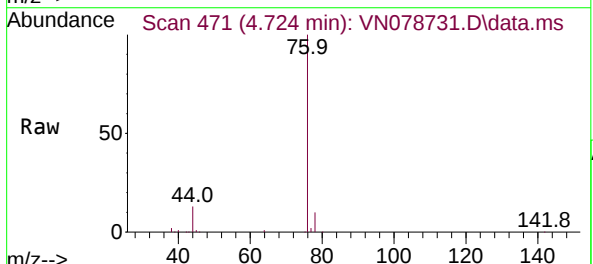
Tgt Ion: 58 Resp: 6652
Ion Ratio Lower Upper
58 100
43 292.0 227.5 341.3

Manual Integrations
APPROVED

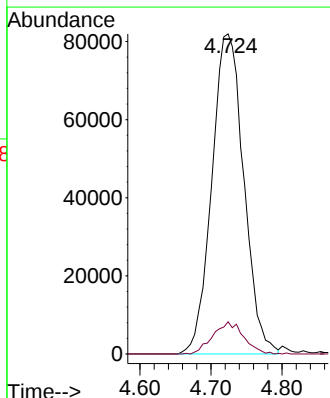
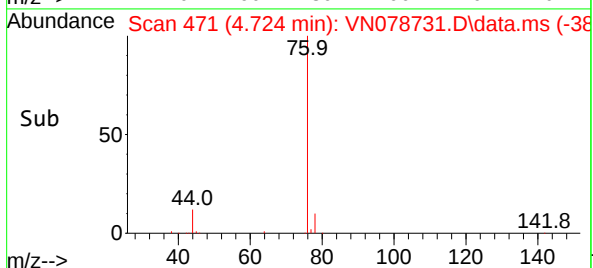
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

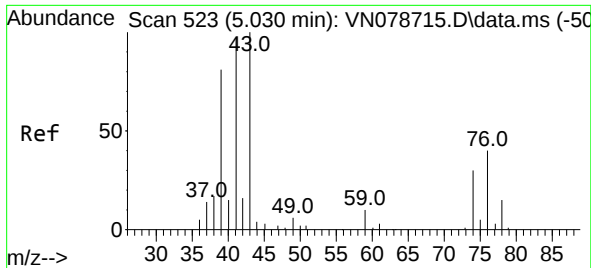


#16
Carbon Disulfide
Concen: 16.654 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



Tgt Ion: 76 Resp: 255859
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5





#17

Allyl chloride

Concen: 18.307 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS02

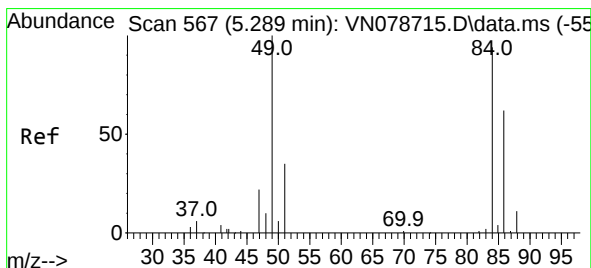
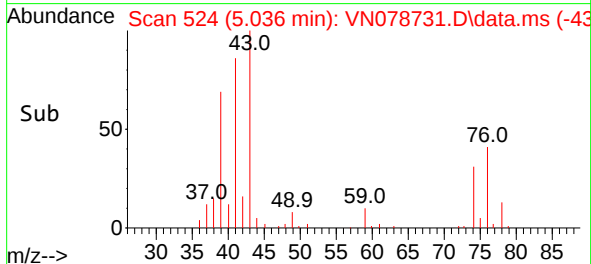
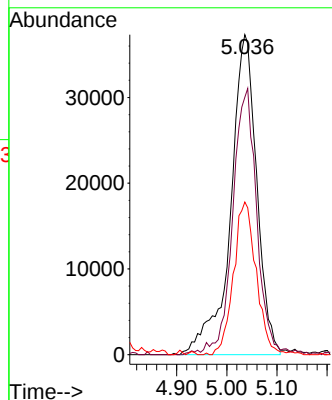
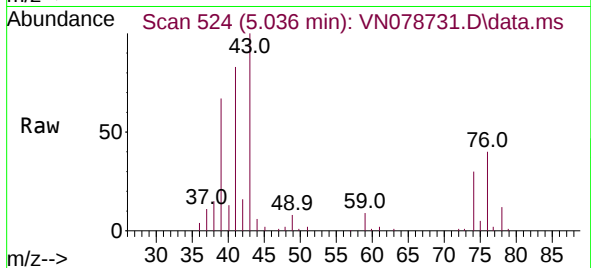
Tgt Ion:	41	Resp:	13595
Ion Ratio	Lower	Upper	
41	100		
39	80.5	37.6	112.8
76	46.8	23.8	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#18

Methylene Chloride

Concen: 19.005 ug/l

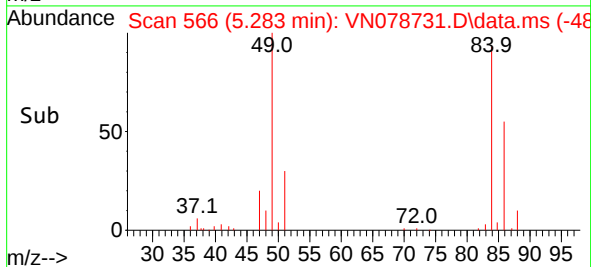
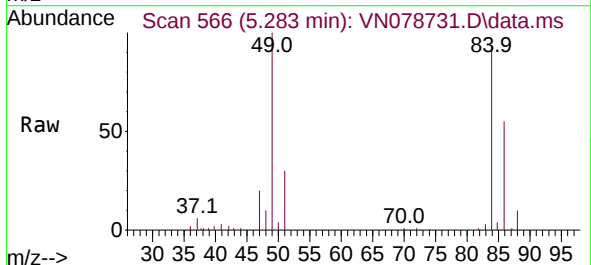
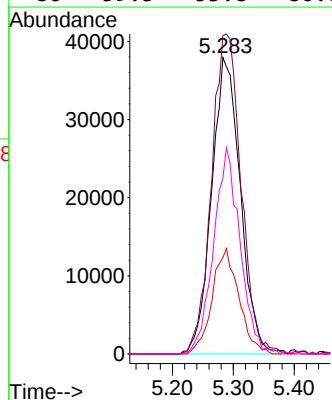
RT: 5.283 min Scan# 566

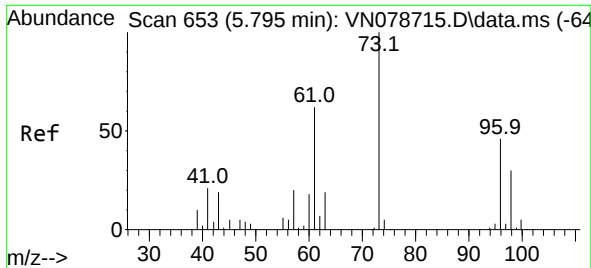
Delta R.T. -0.006 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

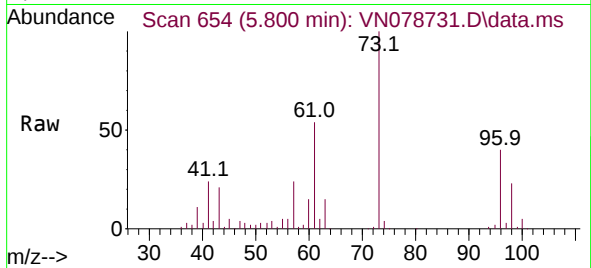
Tgt Ion:	84	Resp:	124012
Ion Ratio	Lower	Upper	
84	100		
49	107.4	88.1	132.1
51	32.5	24.0	36.0
86	59.3	53.8	80.8





#19
trans-1,2-Dichloroethene
Concen: 17.177 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

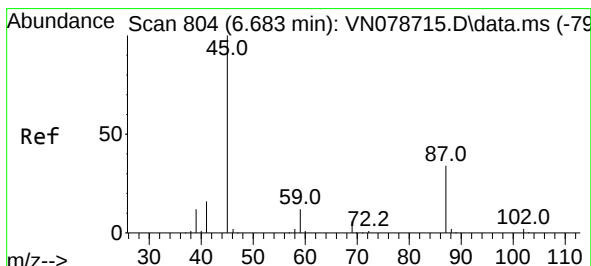
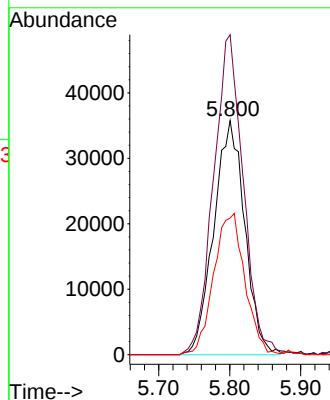
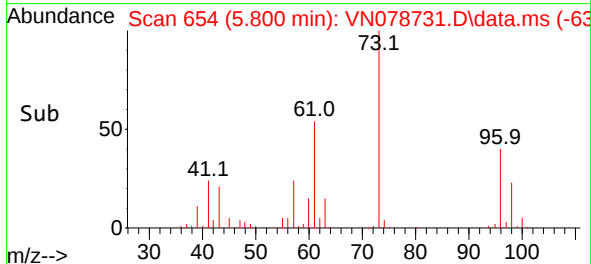
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



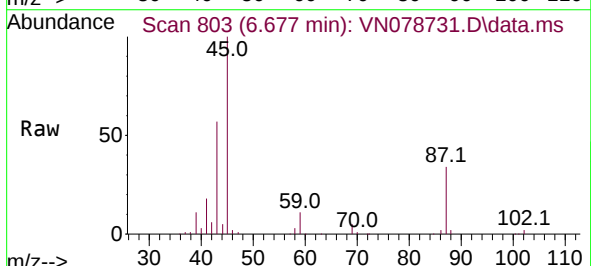
Tgt Ion: 96 Resp: 108010
Ion Ratio Lower Upper
96 100
61 136.7 105.2 157.8
98 58.4 50.5 75.7

Manual Integrations
APPROVED

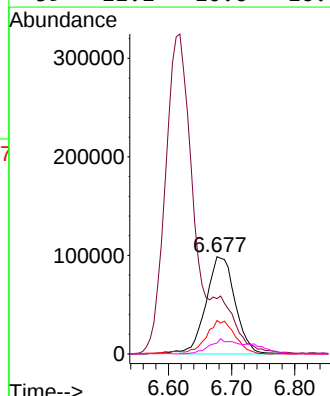
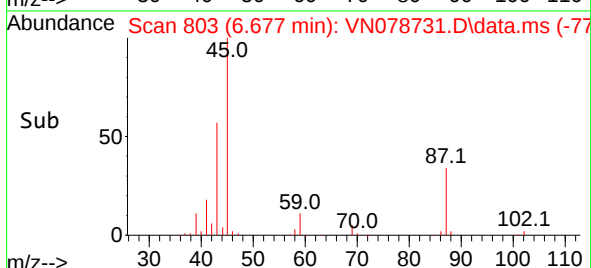
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

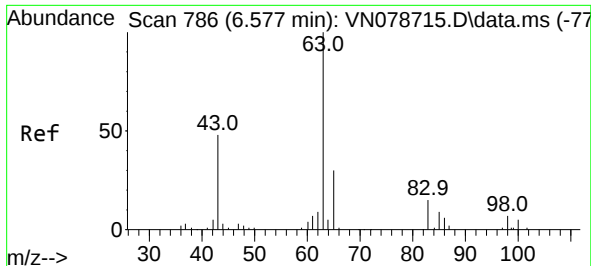


#20
Diisopropyl ether
Concen: 18.752 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



Tgt Ion: 45 Resp: 313543
Ion Ratio Lower Upper
45 100
43 55.6 43.6 65.4
87 34.4 25.8 38.6
59 11.1 10.6 16.0





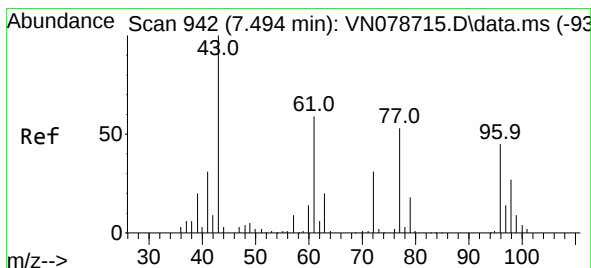
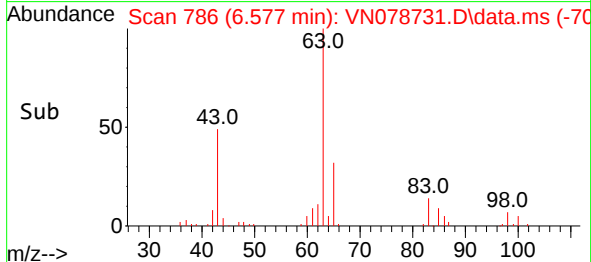
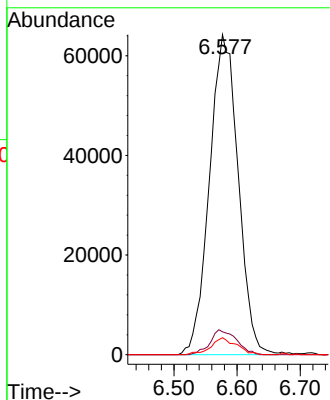
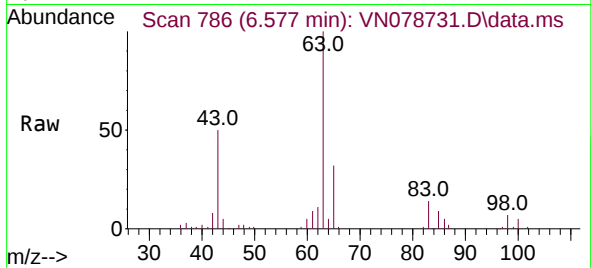
#21
1,1-Dichloroethane
Concen: 18.340 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion: 63 Resp: 203058
Ion Ratio Lower Upper
63 100
98 7.2 2.7 8.1
100 5.3 2.5 7.4

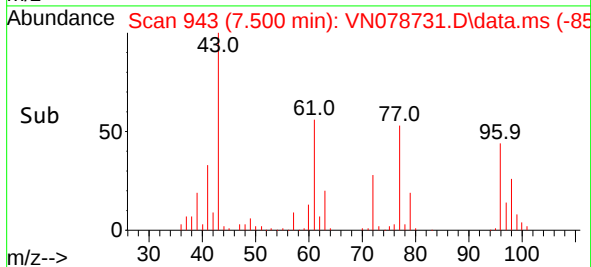
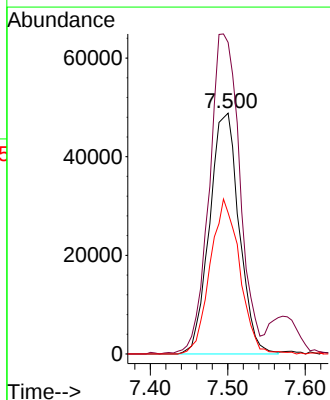
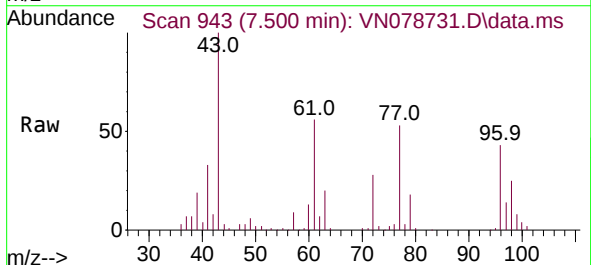
Manual Integrations
APPROVED

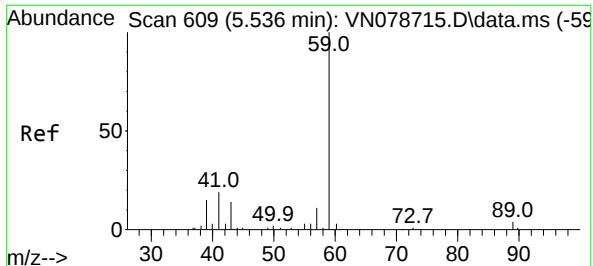
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#22
cis-1,2-Dichloroethene
Concen: 18.333 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion: 96 Resp: 129472
Ion Ratio Lower Upper
96 100
61 136.8 113.8 170.6
98 64.1 52.2 78.4





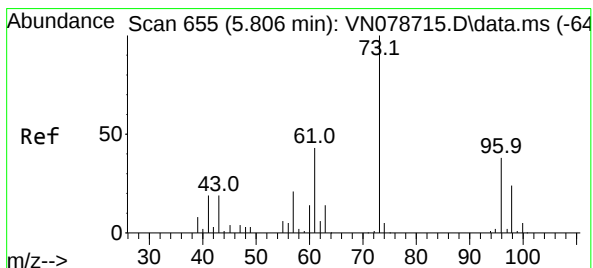
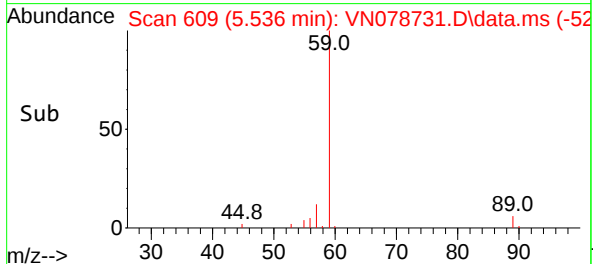
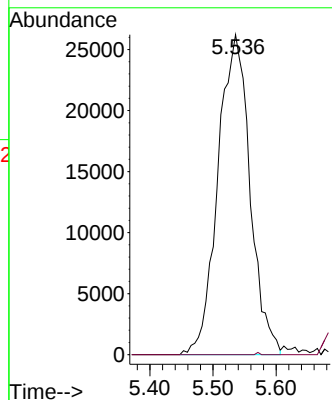
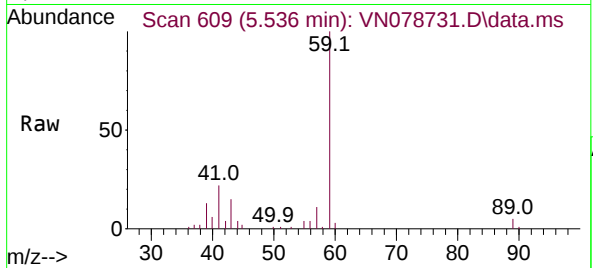
#23
tert-Butyl Alcohol
Concen: 87.635 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion: 59 Resp: 92500
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

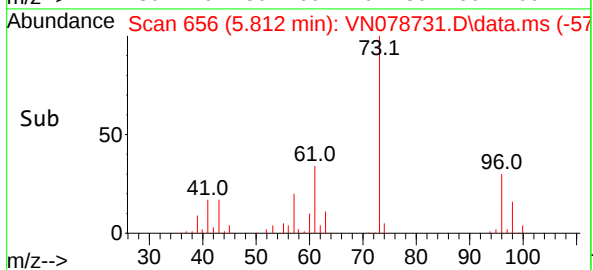
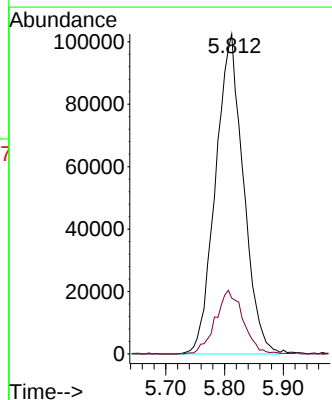
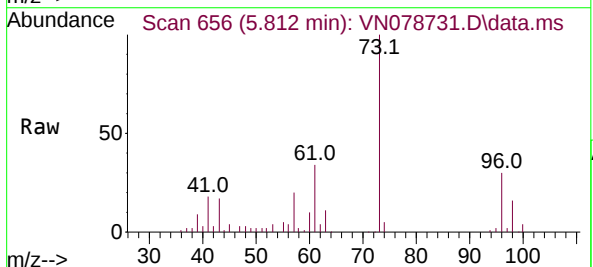
Manual Integrations
APPROVED

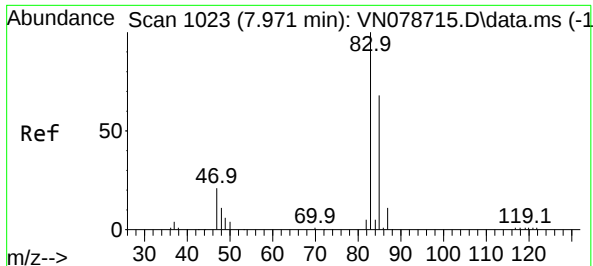
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#24
Methyl tert-Butyl Ether
Concen: 18.415 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion: 73 Resp: 336798
Ion Ratio Lower Upper
73 100
43 19.0 14.5 21.7





#25

Chloroform

Concen: 19.168 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS02

Tgt Ion: 83 Resp: 22468

Ion Ratio Lower Upper

83 100

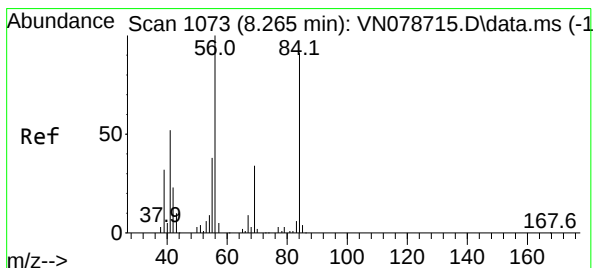
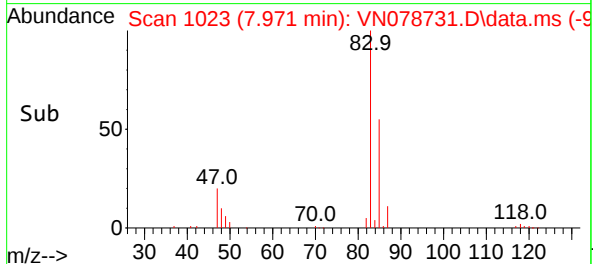
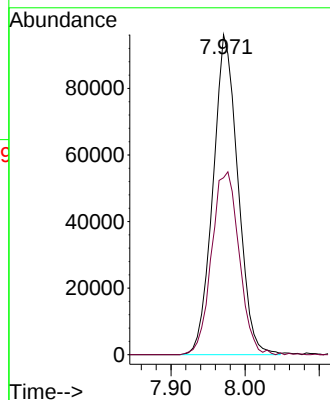
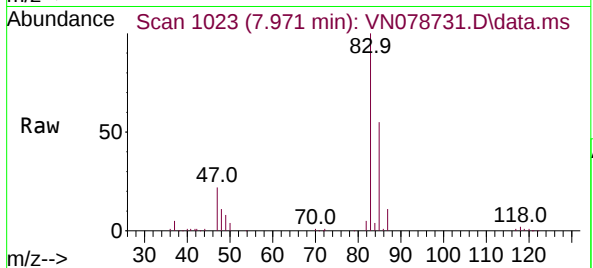
85 55.3 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#26

Cyclohexane

Concen: 17.687 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

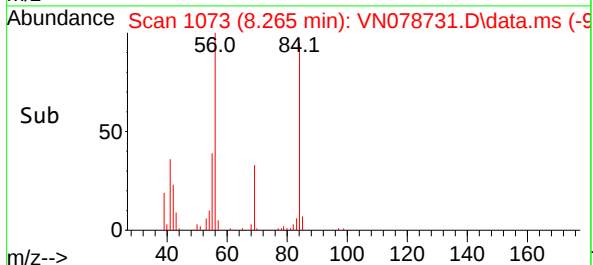
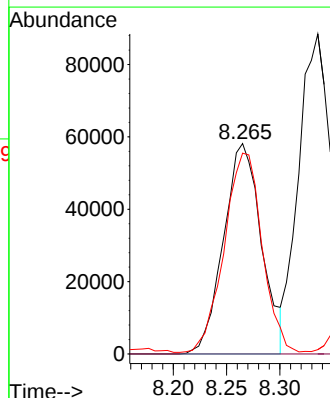
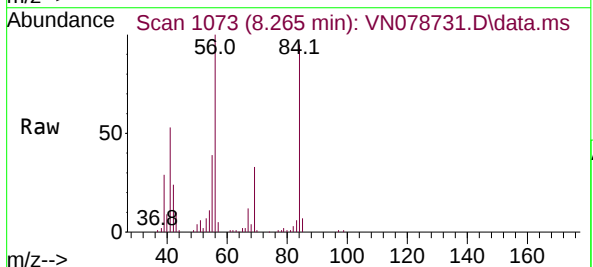
Tgt Ion: 56 Resp: 144248

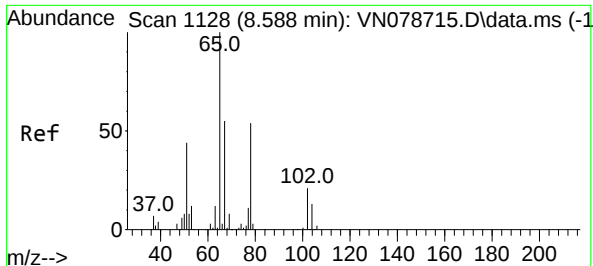
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

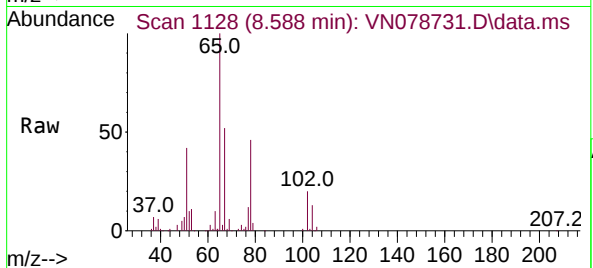
84 94.3 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 29.668 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

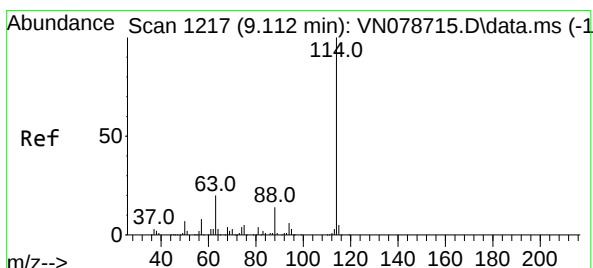
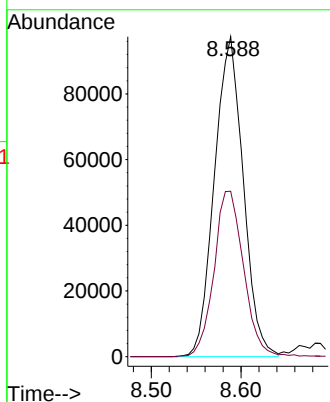
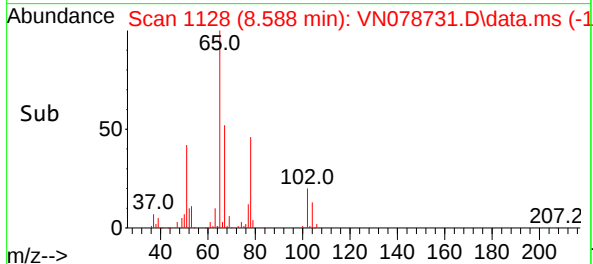
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 65 Resp: 217104
Ion Ratio Lower Upper
65 100
67 53.2 42.9 64.3

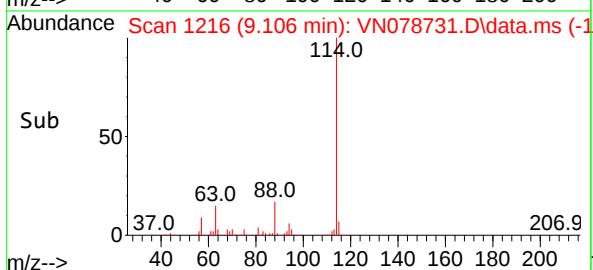
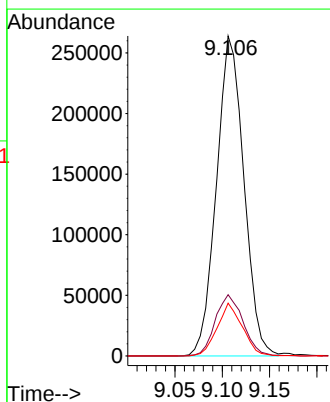
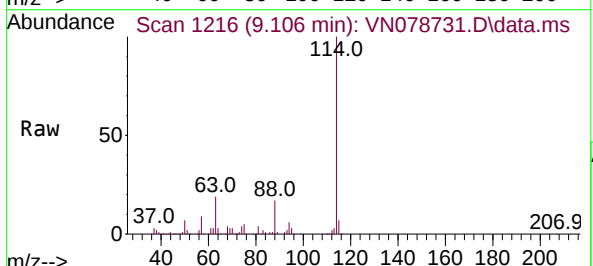
Manual Integrations
APPROVED

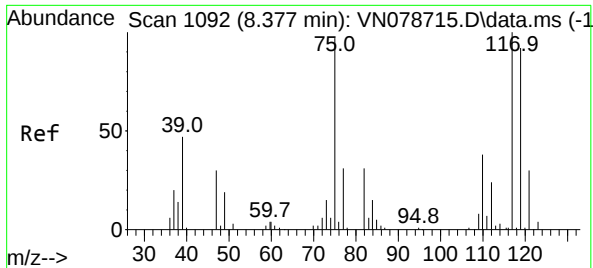
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion:114 Resp: 531657
Ion Ratio Lower Upper
114 100
63 19.5 15.2 22.8
88 15.2 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.460 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS02

Tgt Ion: 75 Resp: 15223

Ion Ratio Lower Upper

75 100

110 35.7 0.0 72.2

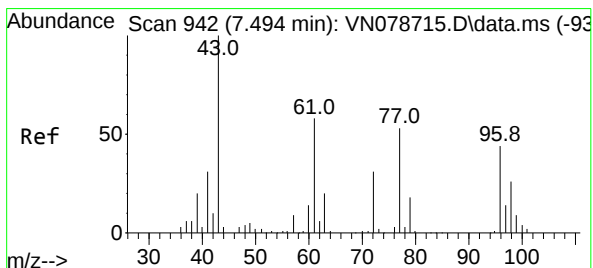
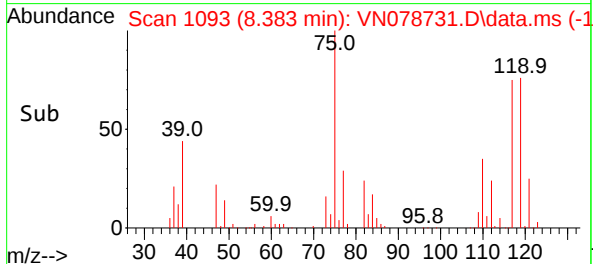
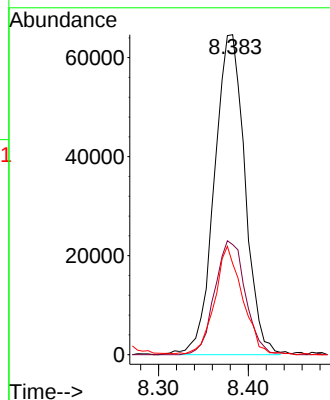
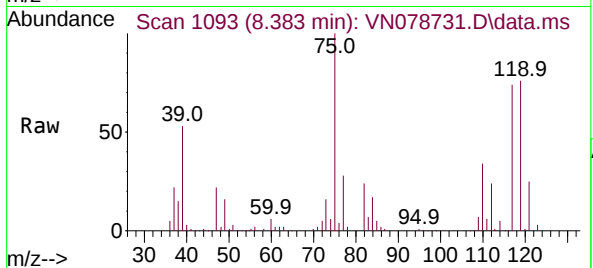
77 30.3 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#30

2-Butanone

Concen: 96.244 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

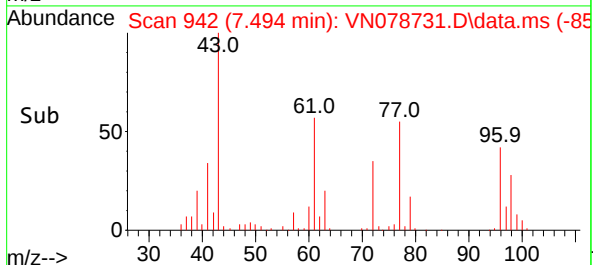
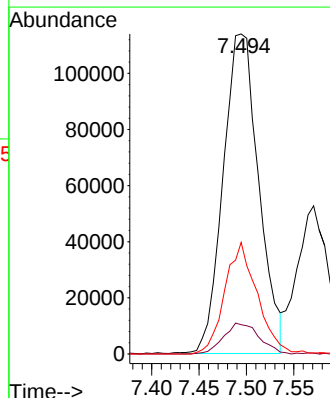
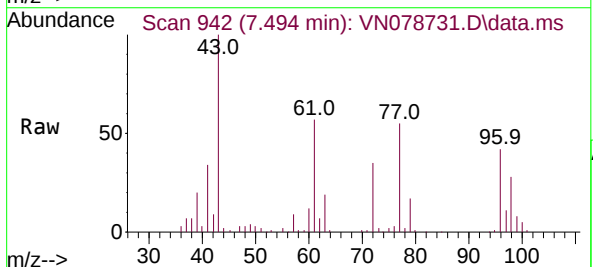
Tgt Ion: 43 Resp: 297631

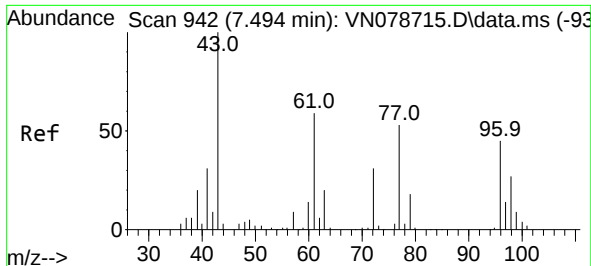
Ion Ratio Lower Upper

43 100

57 9.6 6.8 10.2

72 31.7 23.8 35.6





#31

2,2-Dichloropropane

Concen: 19.473 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS02

Tgt Ion: 77 Resp: 17480

Ion Ratio Lower Upper

77 100

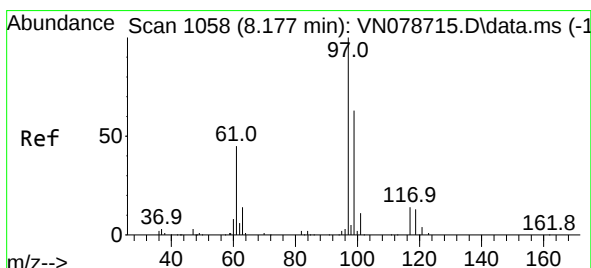
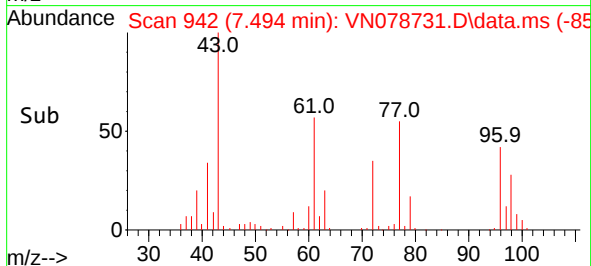
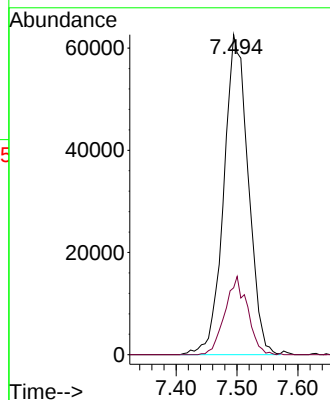
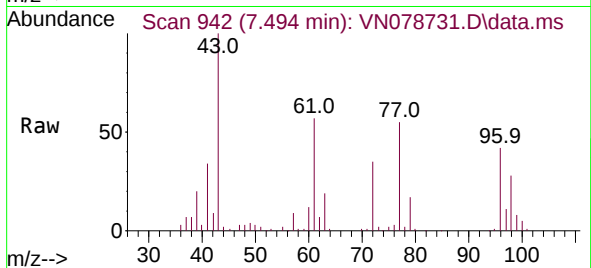
97 22.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#32

1,1,1-Trichloroethane

Concen: 19.838 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

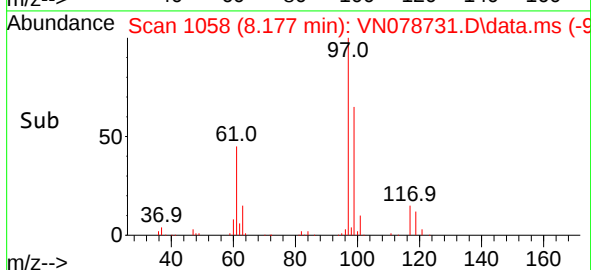
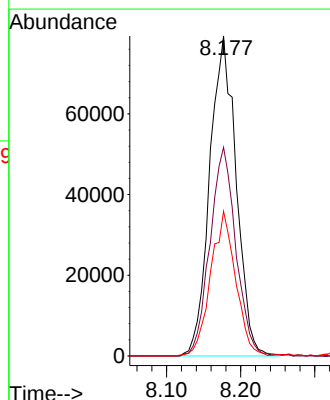
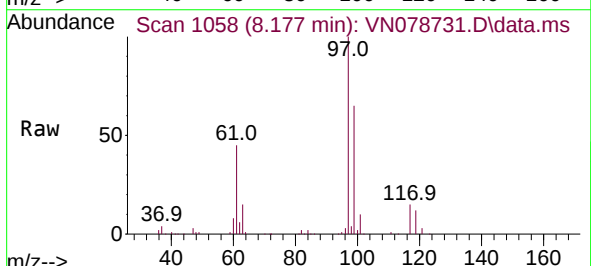
Tgt Ion: 97 Resp: 196348

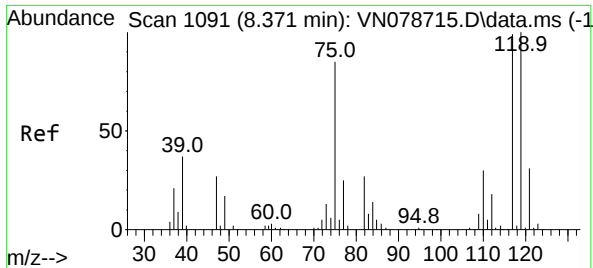
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

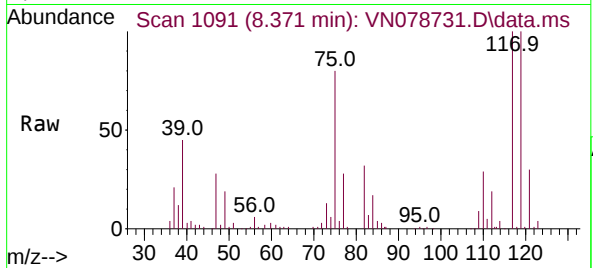
61 42.7 34.6 52.0





#33
Carbon Tetrachloride
Concen: 19.825 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

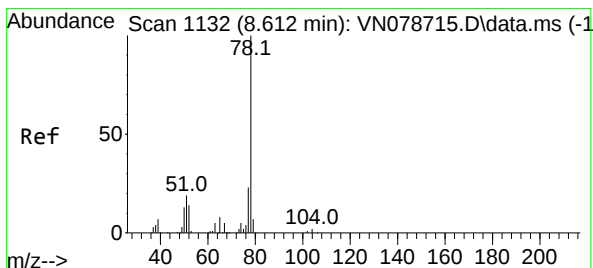
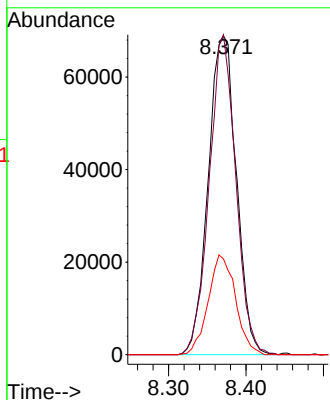
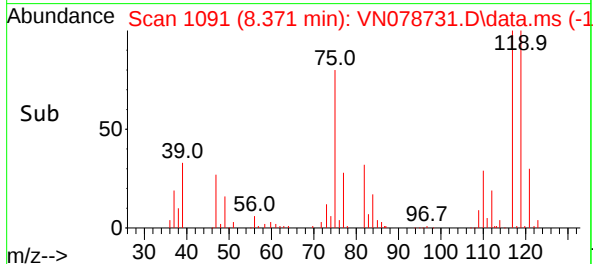
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion:117 Resp: 17428
Ion Ratio Lower Upper
117 100
119 100.3 81.4 122.0
121 30.0 23.6 35.4

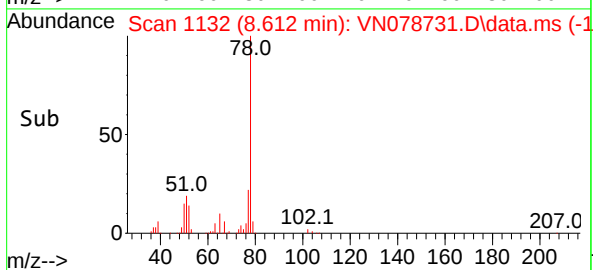
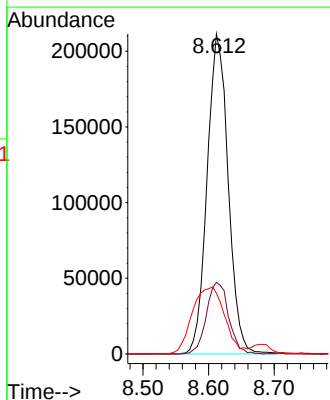
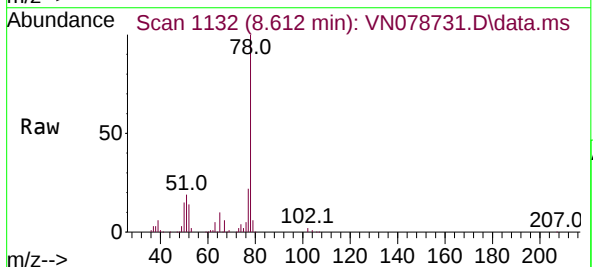
Manual Integrations
APPROVED

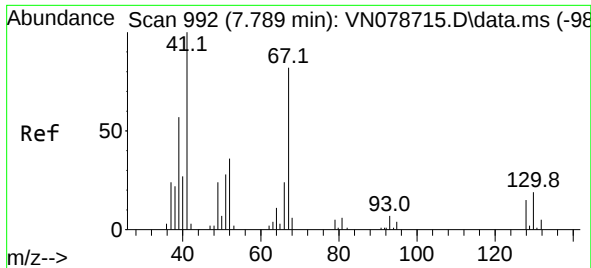
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#34
Benzene
Concen: 20.087 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

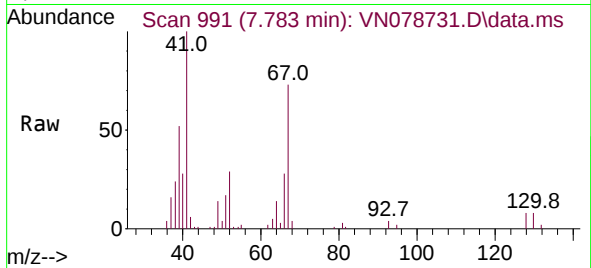
Tgt Ion: 78 Resp: 472034
Ion Ratio Lower Upper
78 100
77 22.4 18.3 27.5
51 18.6 13.7 20.5





#35
Methacrylonitrile
Concen: 18.873 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

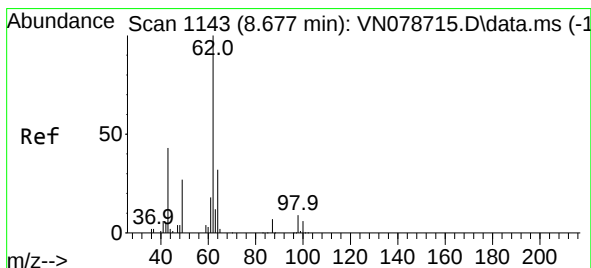
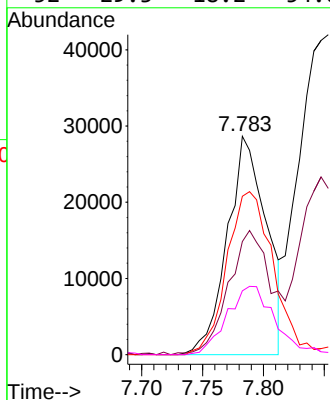
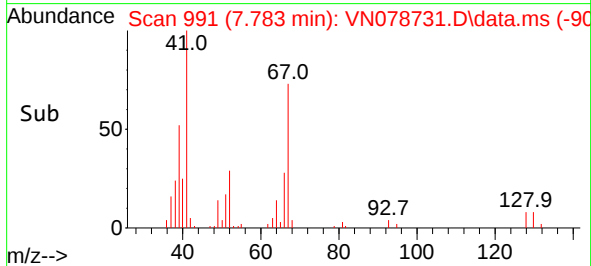
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 41 Resp: 6409
Ion Ratio Lower Upper
41 100
39 50.9 33.9 101.6
67 72.5 45.9 137.6
52 29.3 18.2 54.6

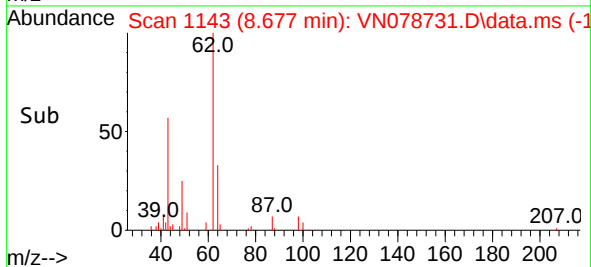
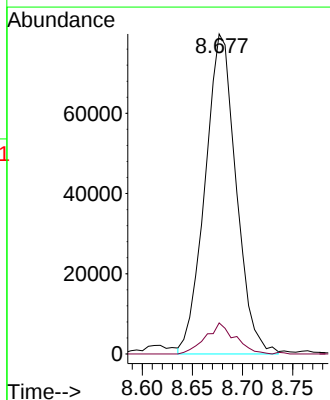
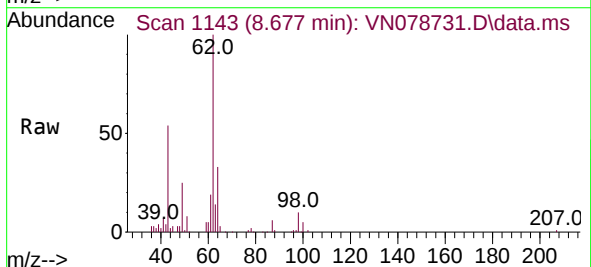
Manual Integrations
APPROVED

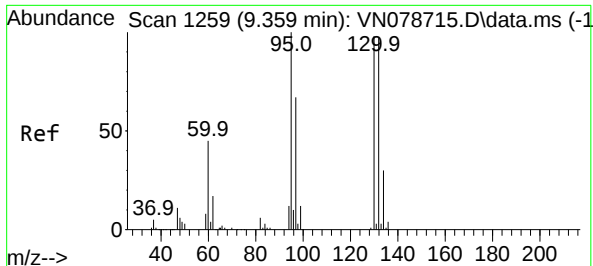
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#36
1,2-Dichloroethane
Concen: 20.873 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion: 62 Resp: 172261
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37

Trichloroethene

Concen: 18.904 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS02

Tgt Ion:130 Resp: 124660

Ion Ratio Lower Upper

130 100

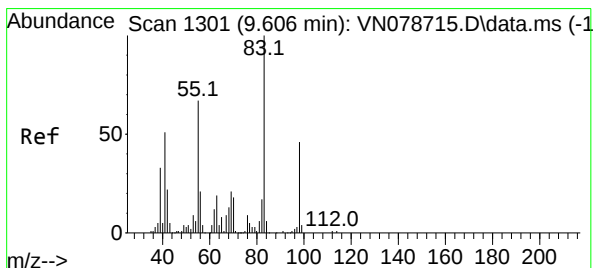
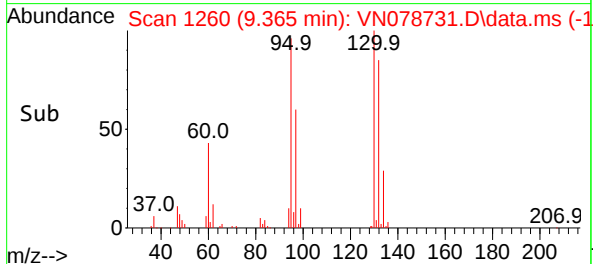
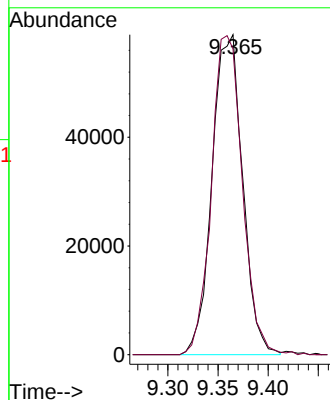
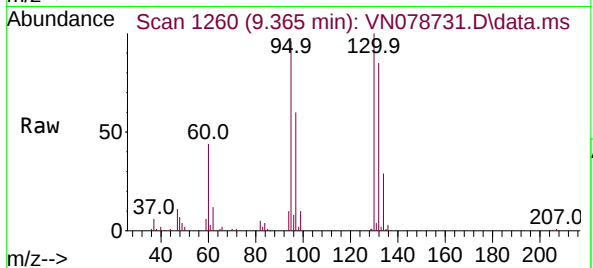
95 95.6 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#38

Methylcyclohexane

Concen: 17.977 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

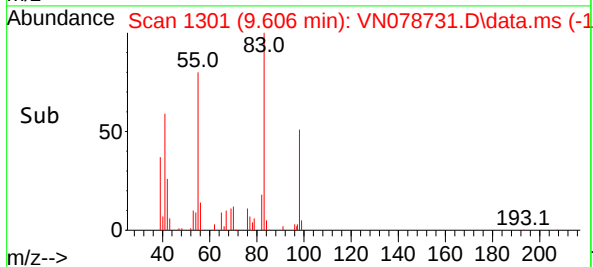
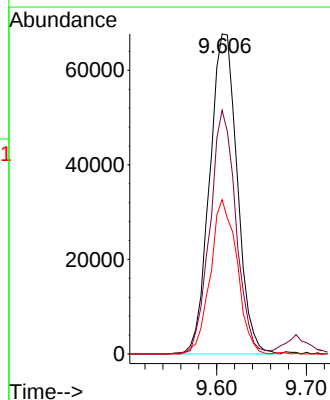
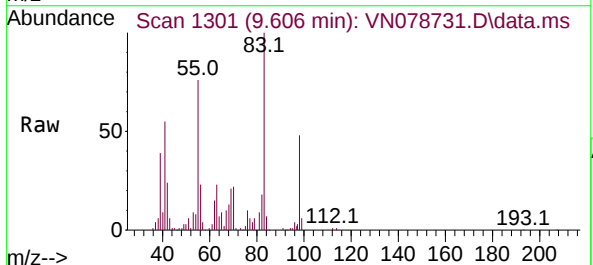
Tgt Ion: 83 Resp: 144495

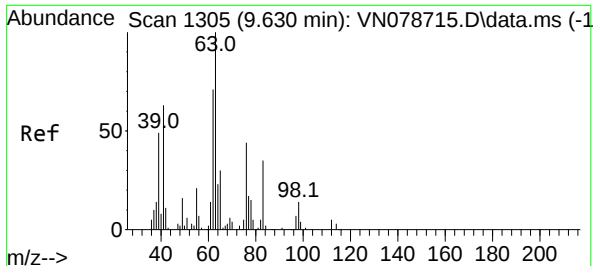
Ion Ratio Lower Upper

83 100

55 70.5 34.0 102.0

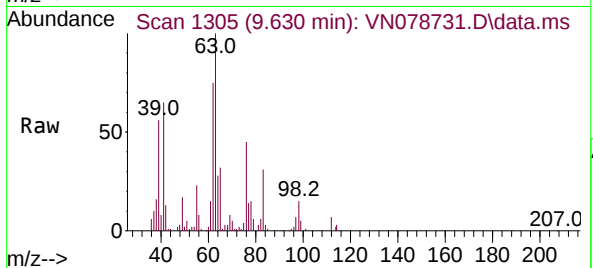
98 46.5 23.0 69.0





#39
1,2-Dichloropropane
Concen: 19.174 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

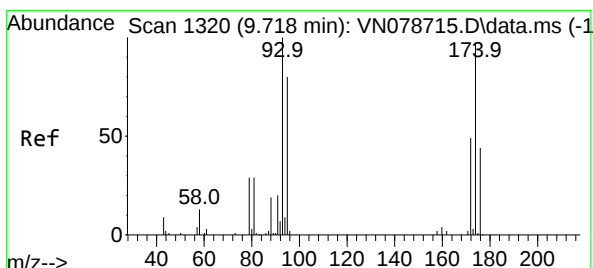
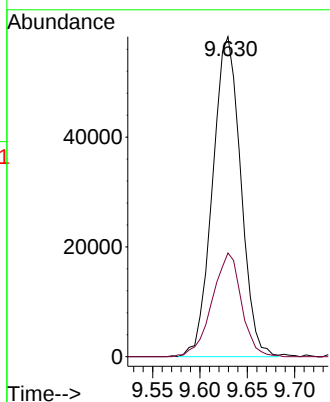
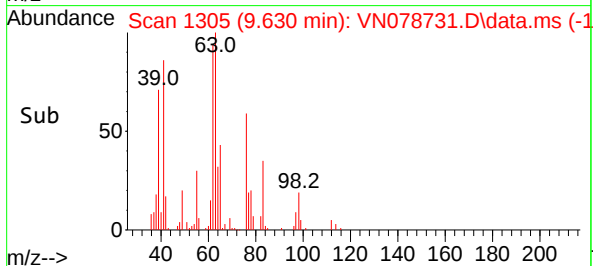
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 63 Resp: 120789
Ion Ratio Lower Upper
63 100
65 32.0 27.4 41.2

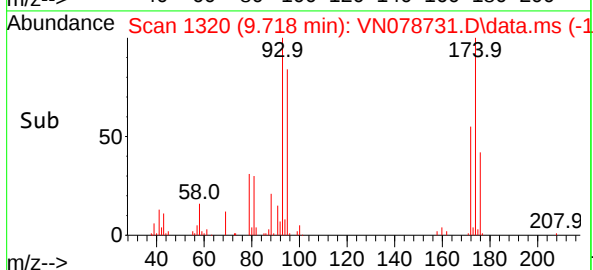
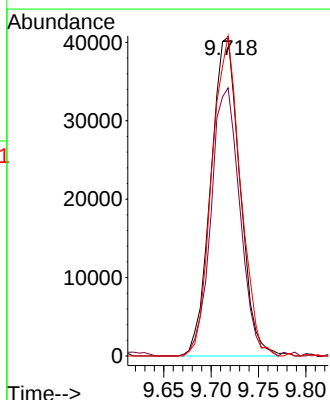
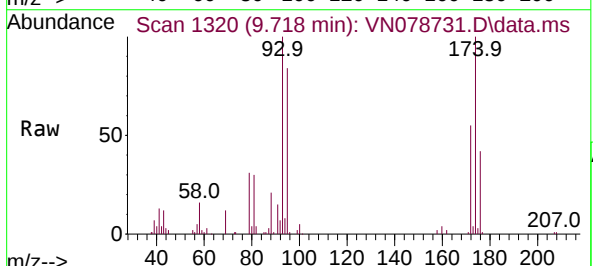
Manual Integrations
APPROVED

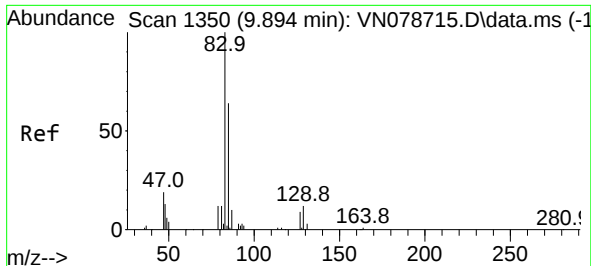
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#40
Dibromomethane
Concen: 19.919 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

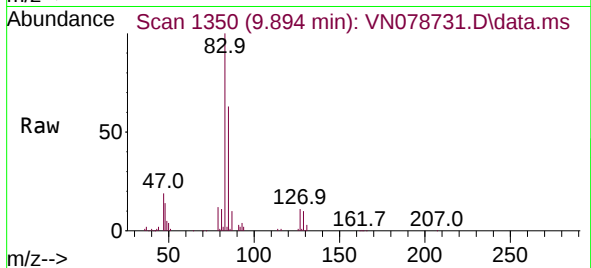
Tgt Ion: 93 Resp: 86849
Ion Ratio Lower Upper
93 100
95 83.3 0.0 167.8
174 97.7 0.0 180.8





#41
Bromodichloromethane
Concen: 19.969 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

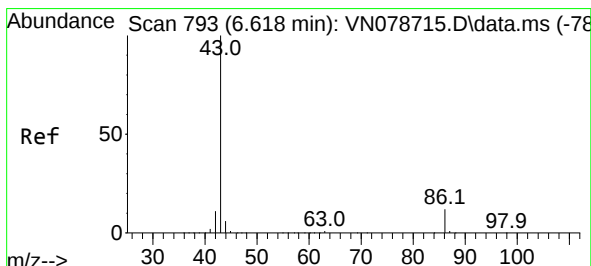
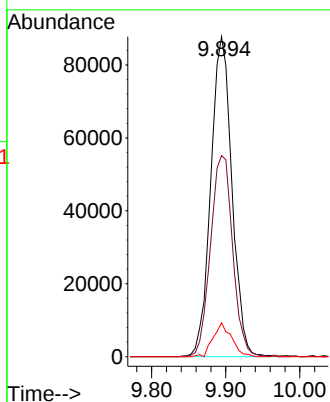
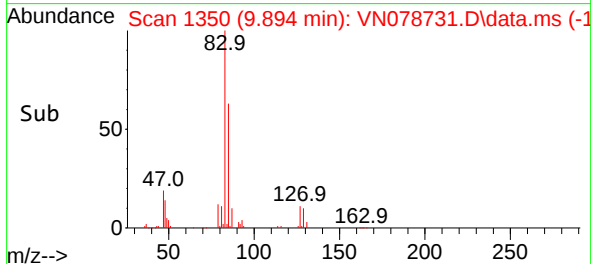
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 83 Resp: 174068
Ion Ratio Lower Upper
83 100
85 62.8 54.1 81.1
127 10.6 7.8 11.6

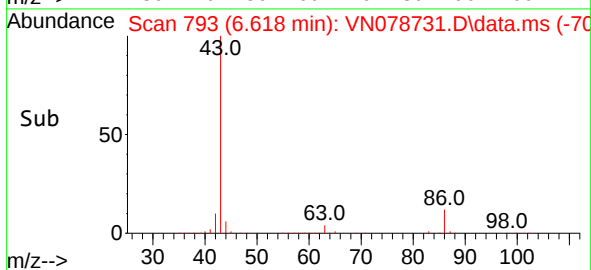
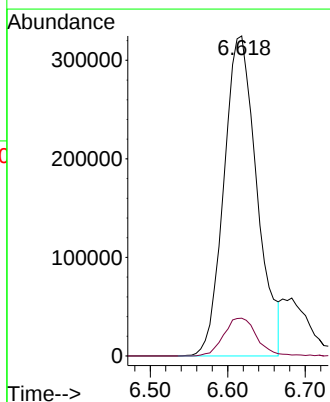
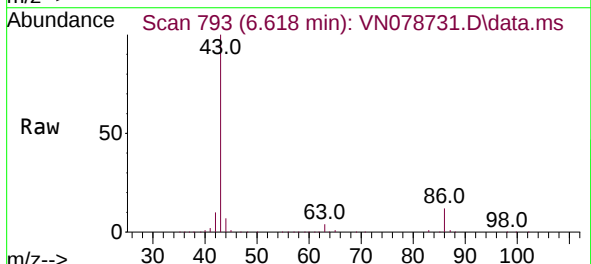
Manual Integrations
APPROVED

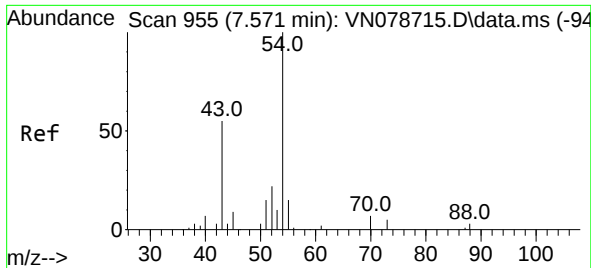
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#42
Vinyl Acetate
Concen: 96.776 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion: 43 Resp: 962180
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0





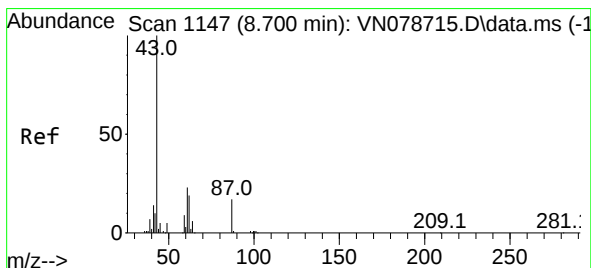
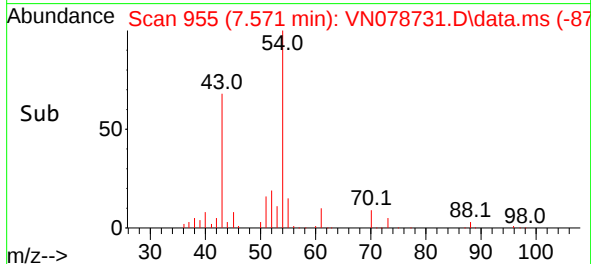
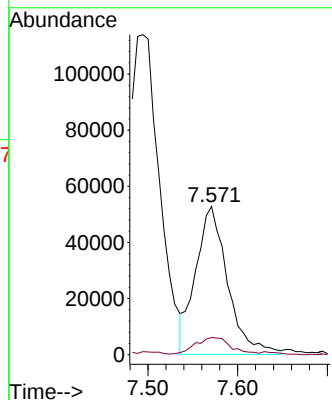
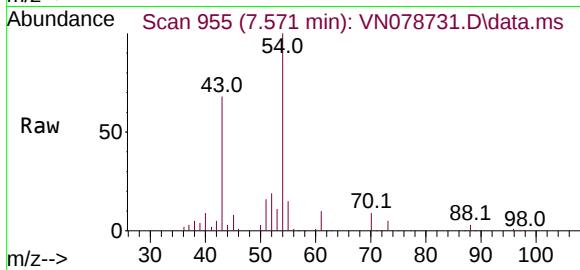
#43
Ethyl Acetate
Concen: 20.406 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion: 43 Resp: 13046
Ion Ratio Lower Upper
43 100
45 12.2 10.9 16.3

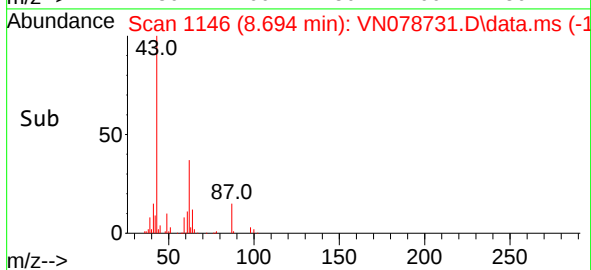
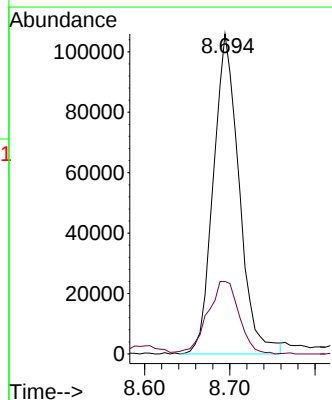
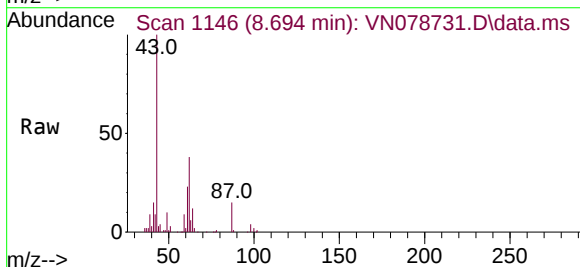
Manual Integrations
APPROVED

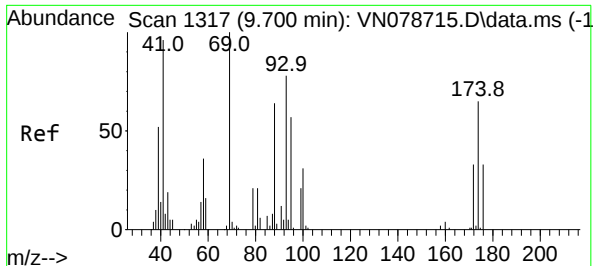
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#44
Isopropyl Acetate
Concen: 19.845 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

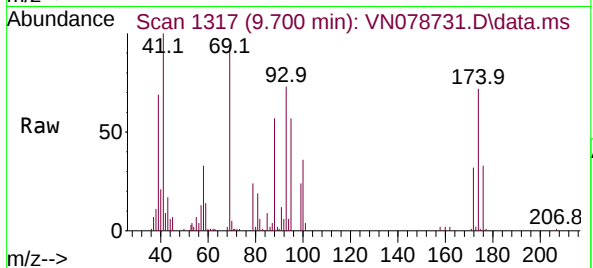
Tgt Ion: 43 Resp: 222605
Ion Ratio Lower Upper
43 100
61 27.8 23.0 34.6





#45
1,4-Dioxane
Concen: 377.003 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

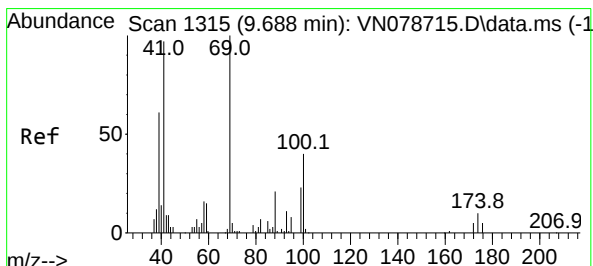
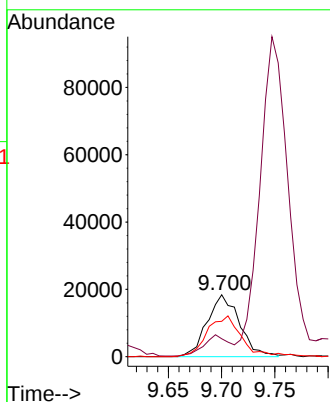
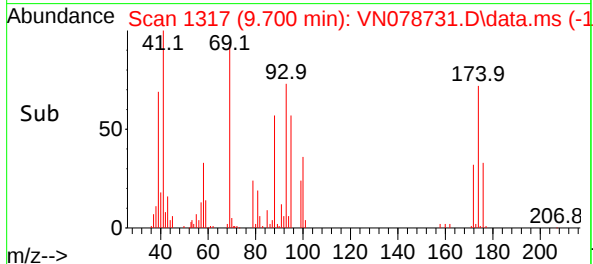
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



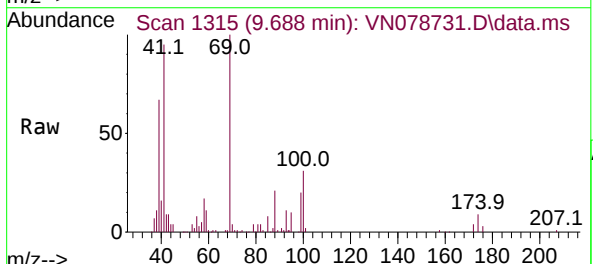
Tgt Ion: 88 Resp: 38900
Ion Ratio Lower Upper
88 100
43 26.6 19.0 28.6
58 64.7 48.2 72.2

Manual Integrations
APPROVED

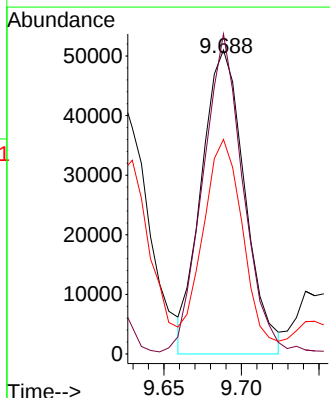
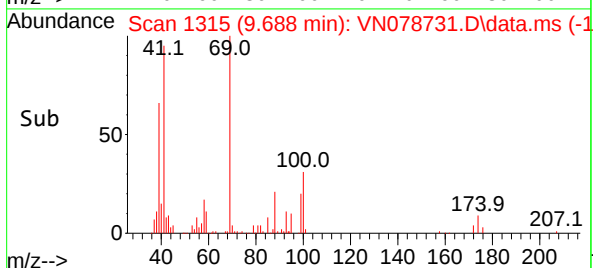
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

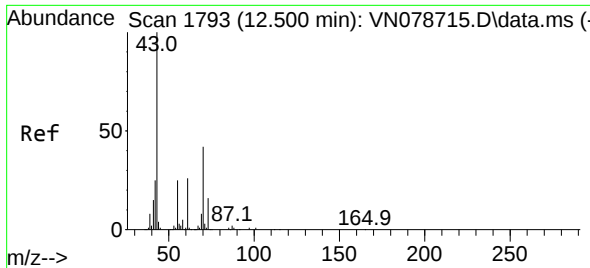


#46
Methyl methacrylate
Concen: 19.271 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



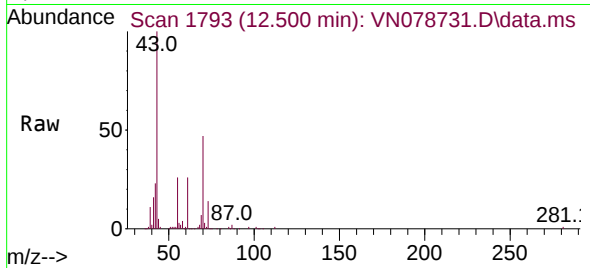
Tgt Ion: 41 Resp: 98990
Ion Ratio Lower Upper
41 100
69 109.3 49.0 147.0
39 71.6 31.6 94.8





#47
n-amy1 Acetate
Concen: 21.026 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

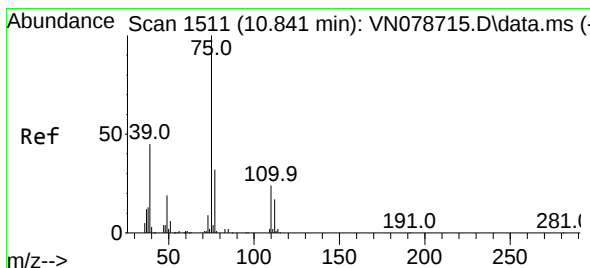
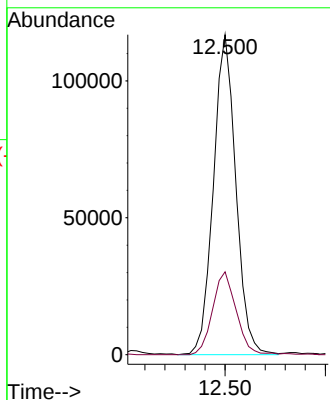
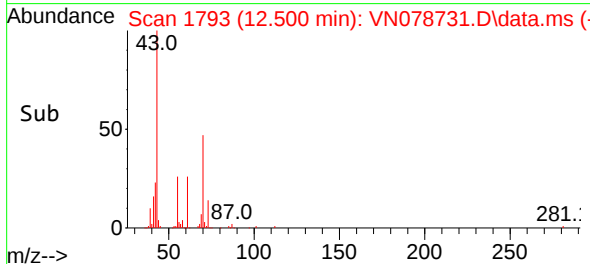
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



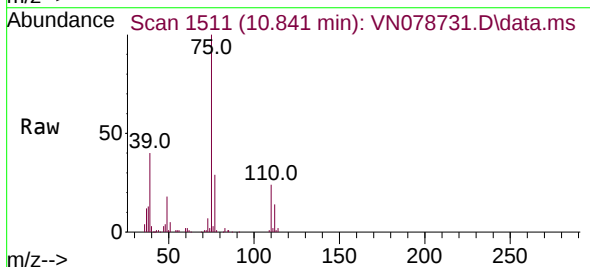
Tgt Ion: 43 Resp: 18164
Ion Ratio Lower Upper
43 100
55 27.0 21.5 32.3

Manual Integrations
APPROVED

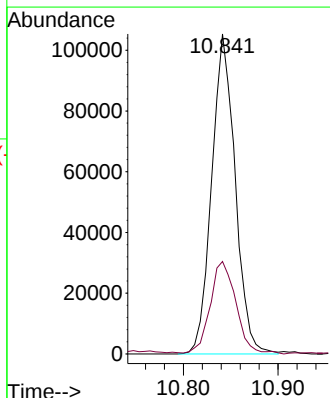
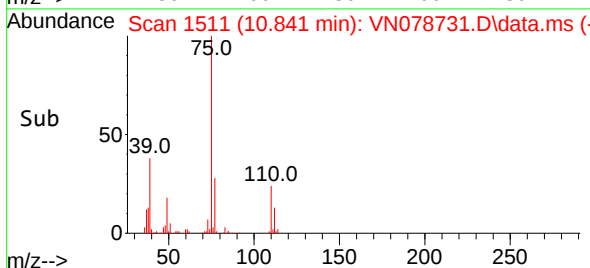
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

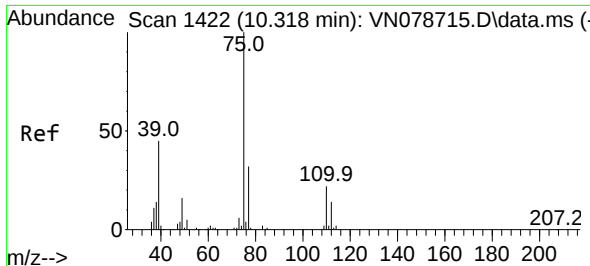


#48
t-1,3-Dichloropropene
Concen: 19.518 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



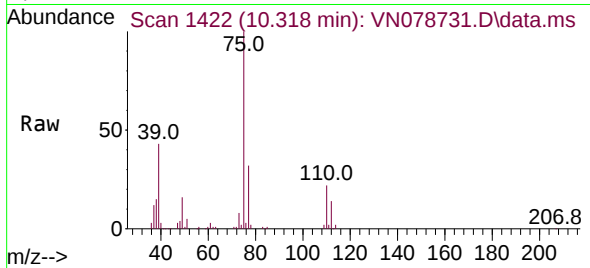
Tgt Ion: 75 Resp: 181587
Ion Ratio Lower Upper
75 100
77 28.6 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 19.987 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

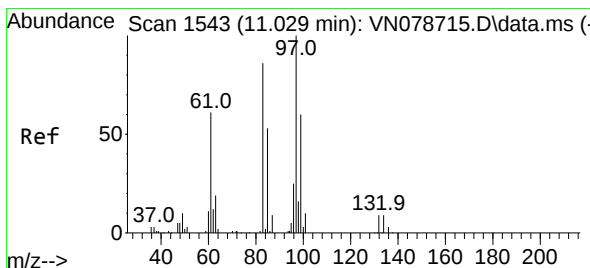
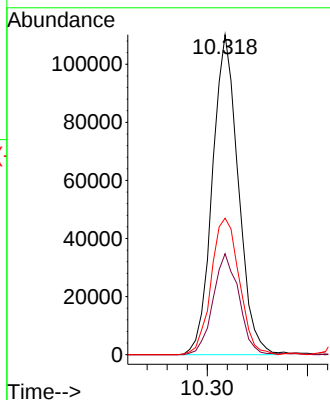
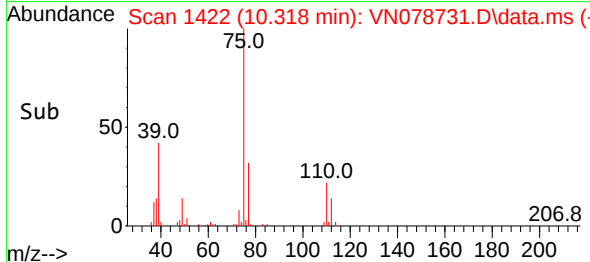
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 75 Resp: 197499
Ion Ratio Lower Upper
75 100
77 31.5 24.0 36.0
39 42.7 35.1 52.7

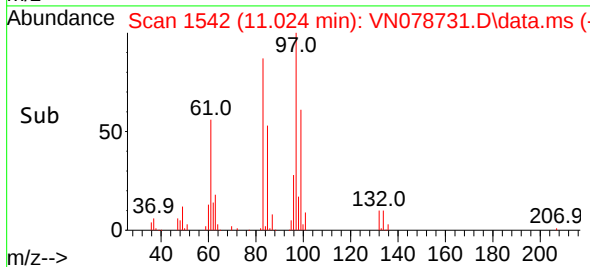
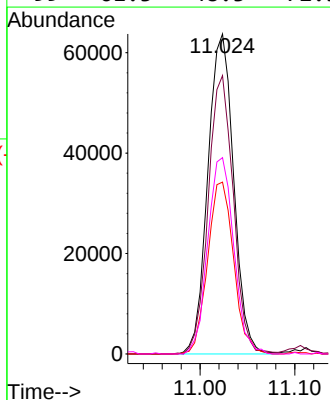
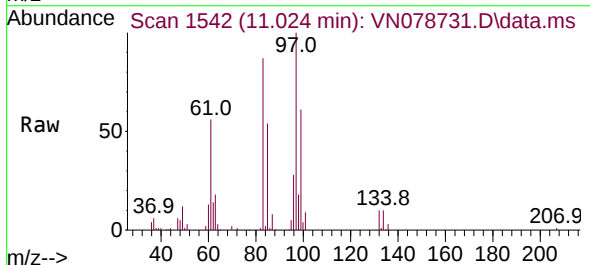
Manual Integrations
APPROVED

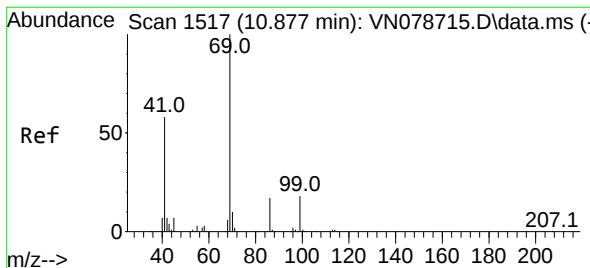
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#50
1,1,2-Trichloroethane
Concen: 19.553 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

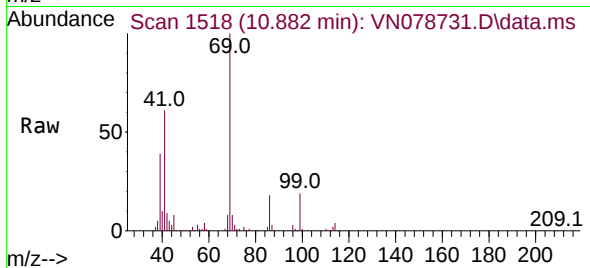
Tgt Ion: 97 Resp: 120679
Ion Ratio Lower Upper
97 100
83 86.7 66.8 100.2
85 53.7 42.5 63.7
99 61.3 48.3 72.5





#51
Ethyl methacrylate
Concen: 18.551 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

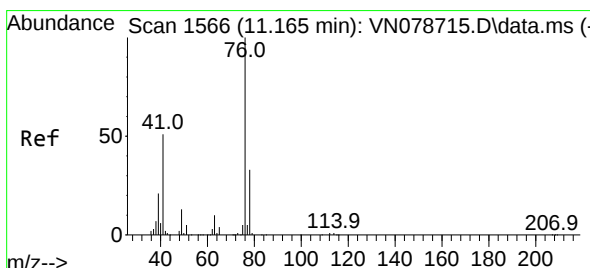
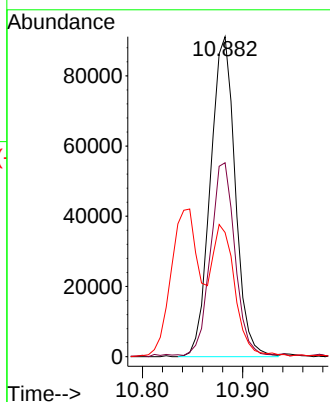
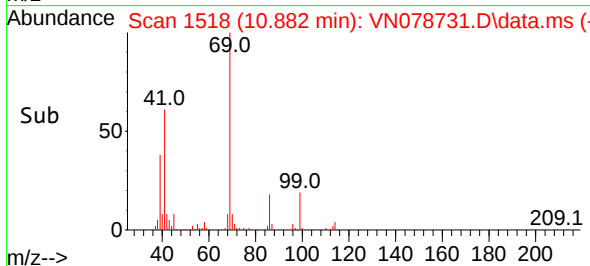
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 69 Resp: 156752
Ion Ratio Lower Upper
69 100
41 60.0 26.0 78.0
39 38.2 16.3 48.9

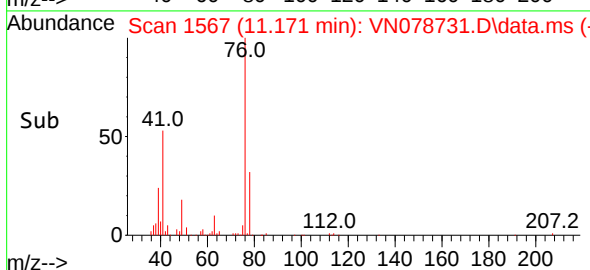
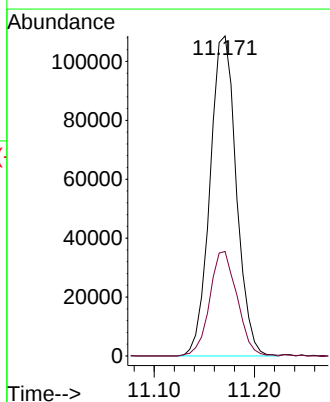
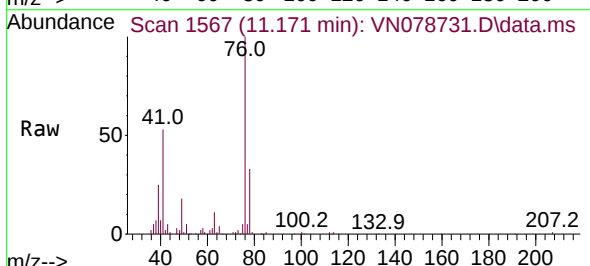
Manual Integrations
APPROVED

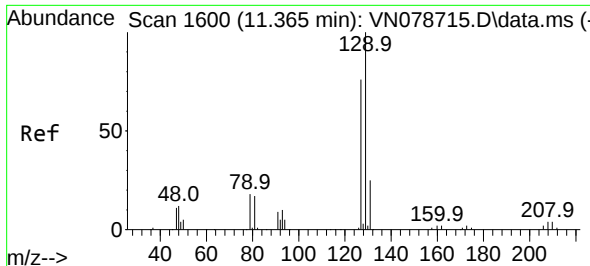
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#52
1,3-Dichloropropane
Concen: 17.874 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

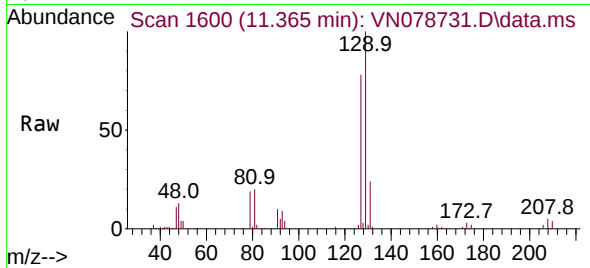
Tgt Ion: 76 Resp: 198275
Ion Ratio Lower Upper
76 100
78 34.0 0.0 66.2





#53
Dibromochloromethane
Concen: 19.201 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

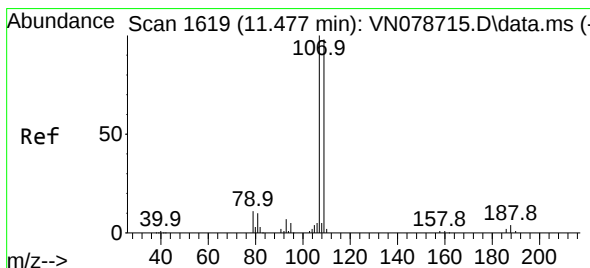
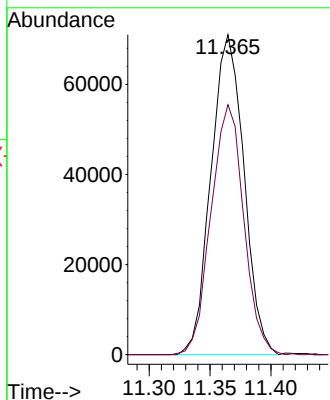
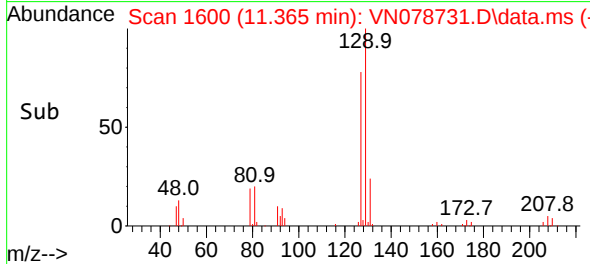
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



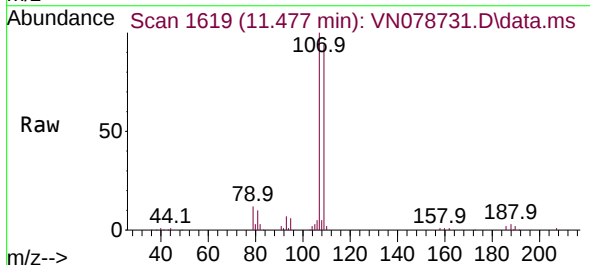
Tgt Ion:129 Resp: 13387
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1

Manual Integrations
APPROVED

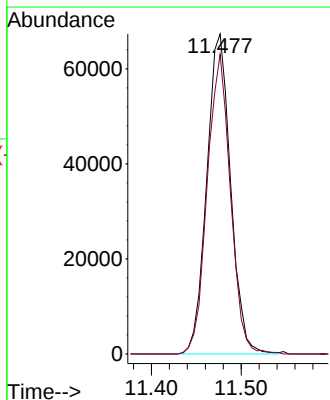
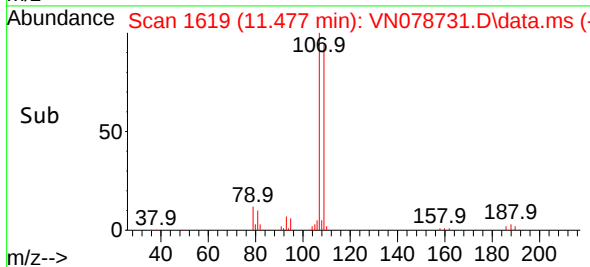
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

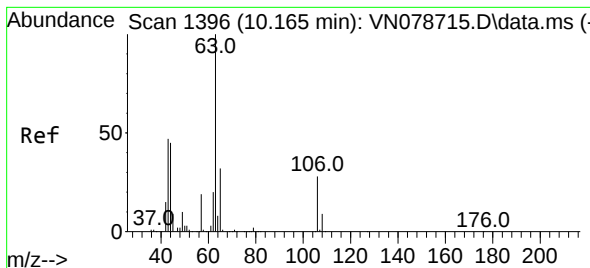


#54
1,2-Dibromoethane
Concen: 20.083 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



Tgt Ion:107 Resp: 124464
Ion Ratio Lower Upper
107 100
109 90.9 74.6 112.0





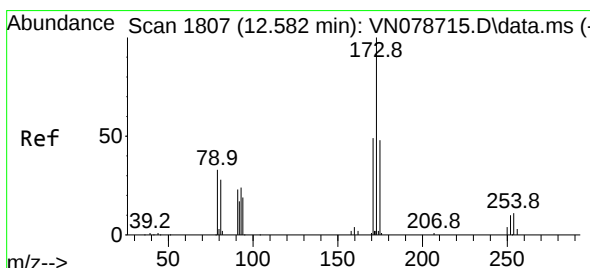
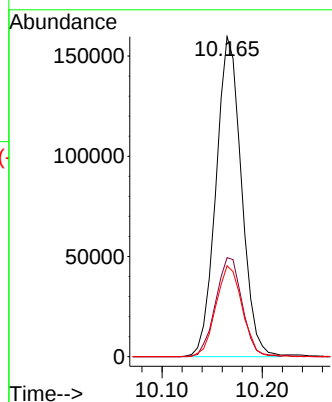
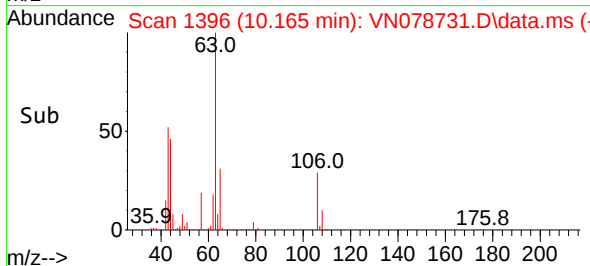
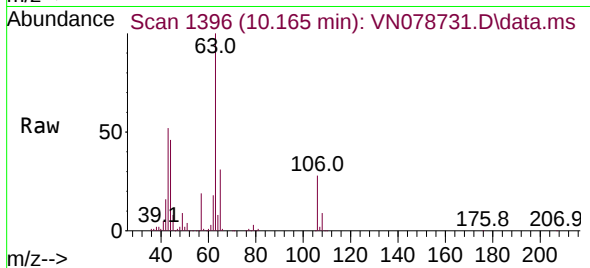
#55
2-Chloroethyl vinyl ether
Concen: 104.325 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion: 63 Resp: 28090
Ion Ratio Lower Upper
63 100
65 32.2 26.3 39.5
106 29.4 23.8 35.6

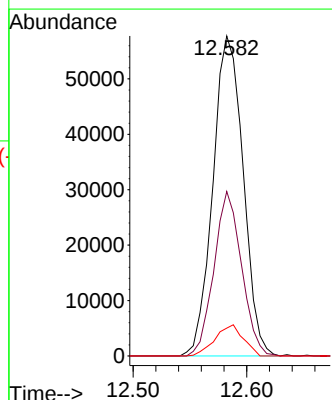
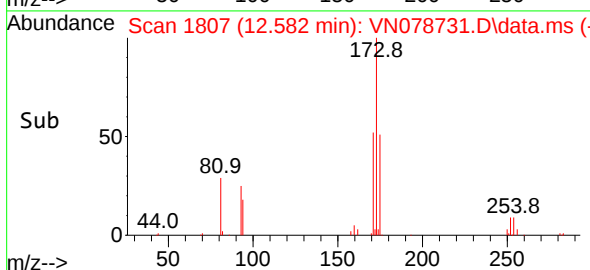
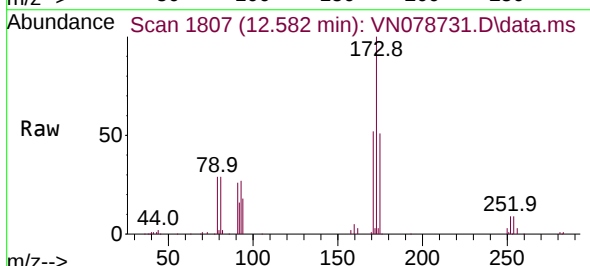
Manual Integrations
APPROVED

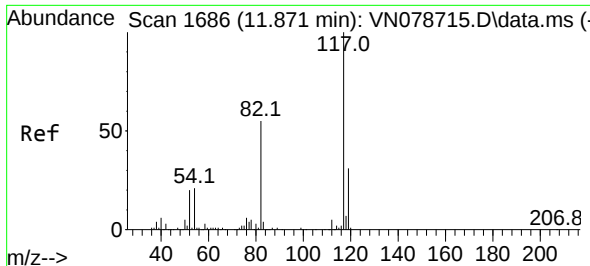
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#56
Bromoform
Concen: 23.428 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

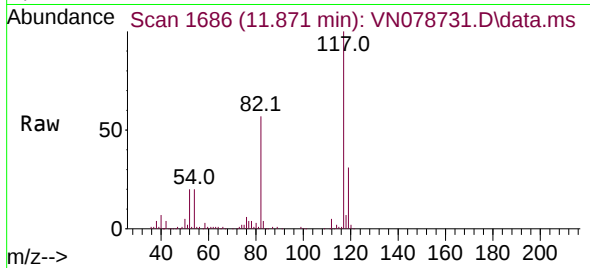
Tgt Ion:173 Resp: 106882
Ion Ratio Lower Upper
173 100
175 46.8 40.7 61.1
254 9.1 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

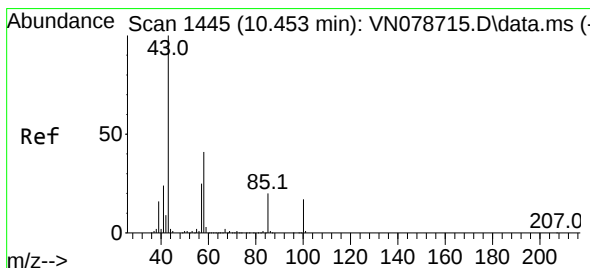
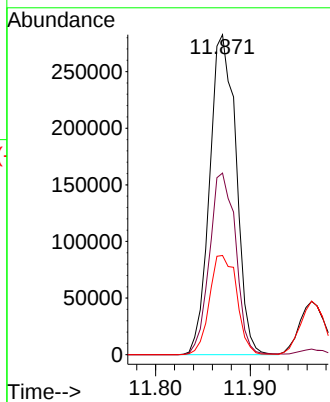
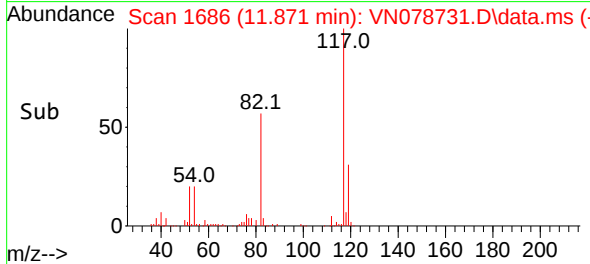
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 117 Resp: 547134
Ion Ratio Lower Upper
117 100
82 56.4 43.9 65.9
119 32.1 26.2 39.4

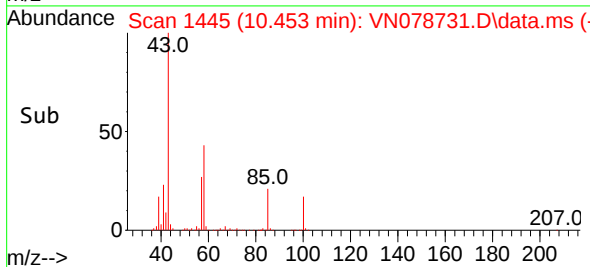
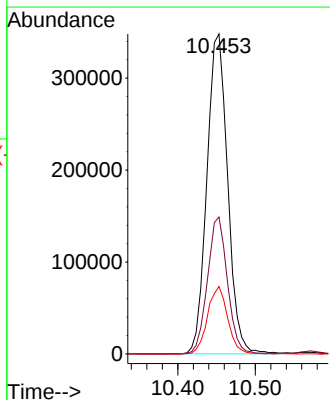
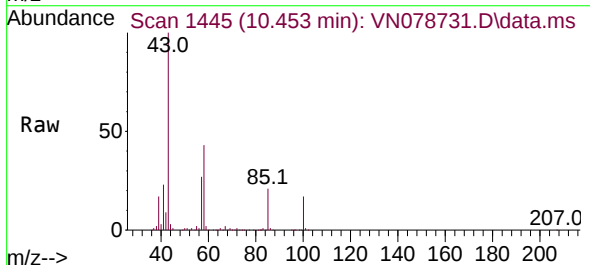
Manual Integrations
APPROVED

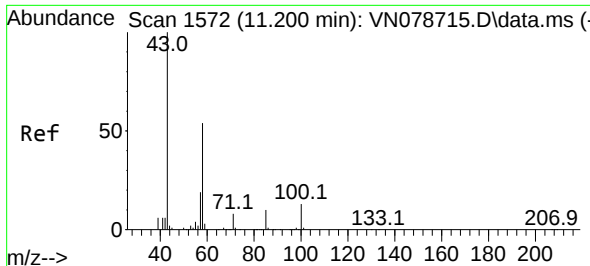
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#58
4-Methyl-2-Pentanone
Concen: 79.063 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

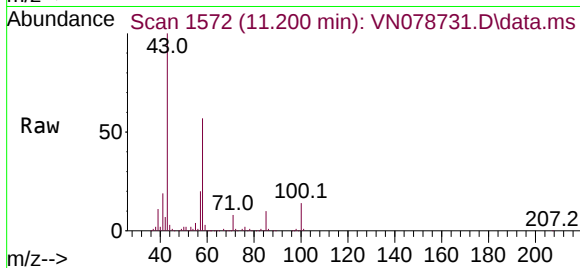
Tgt Ion: 43 Resp: 647482
Ion Ratio Lower Upper
43 100
58 41.5 32.6 48.8
85 20.5 16.2 24.2





#59
2-Hexanone
Concen: 72.189 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

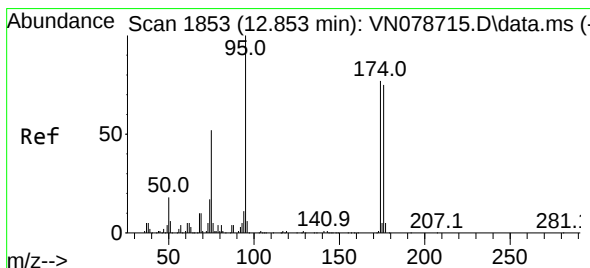
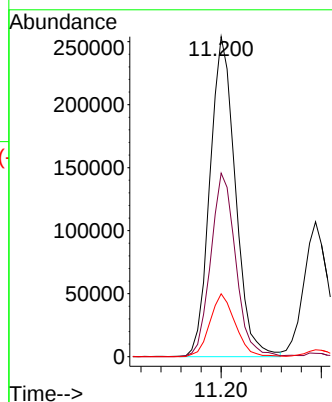
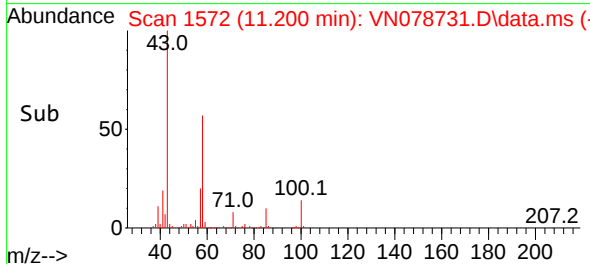
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



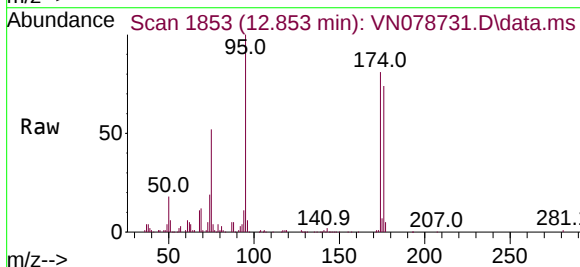
Tgt Ion: 43 Resp: 447624
Ion Ratio Lower Upper
43 100
58 56.3 45.9 68.9
57 19.6 15.8 23.6

Manual Integrations
APPROVED

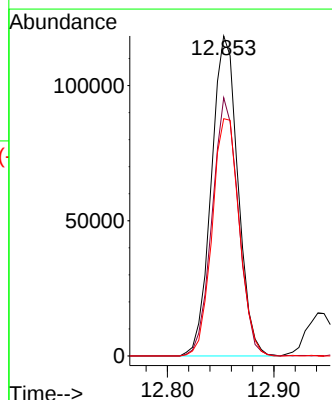
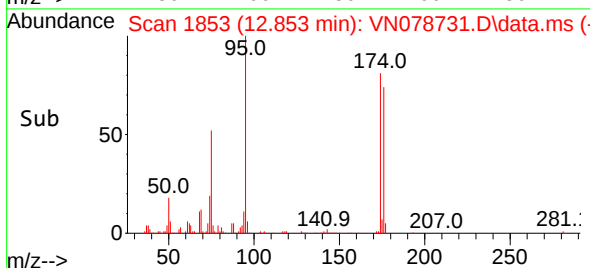
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

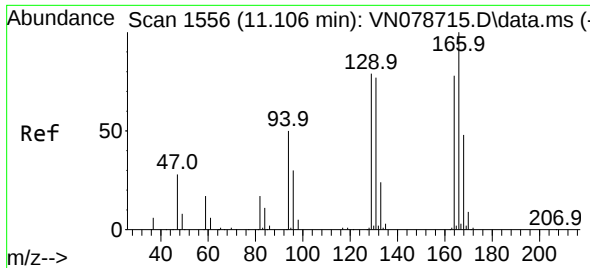


#60
4-Bromofluorobenzene
Concen: 25.028 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



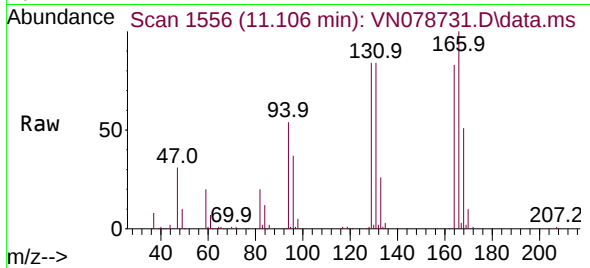
Tgt Ion: 95 Resp: 205217
Ion Ratio Lower Upper
95 100
174 79.1 61.7 92.5
176 75.8 58.1 87.1





#61
Tetrachloroethene
Concen: 15.643 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

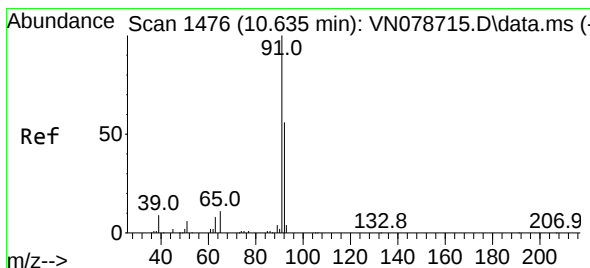
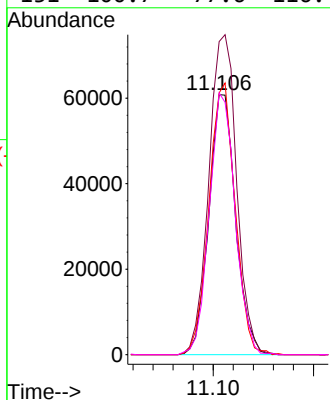
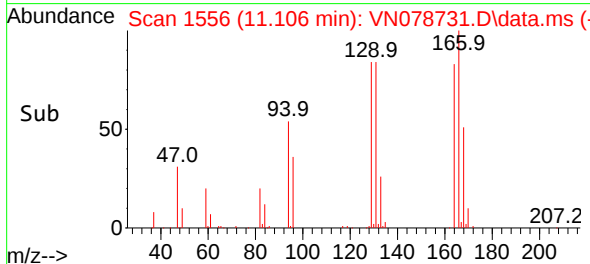
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



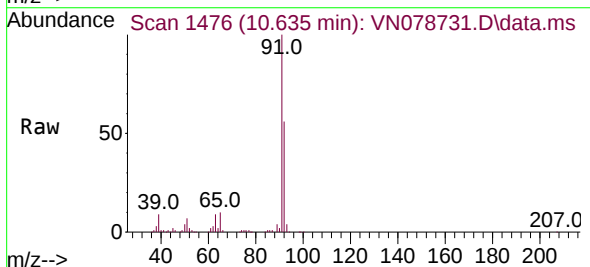
Tgt Ion:164 Resp: 112549
Ion Ratio Lower Upper
164 100
166 120.4 99.1 148.7
129 100.7 85.6 128.4
131 100.7 77.6 116.4

Manual Integrations
APPROVED

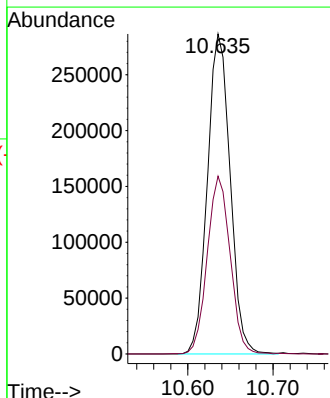
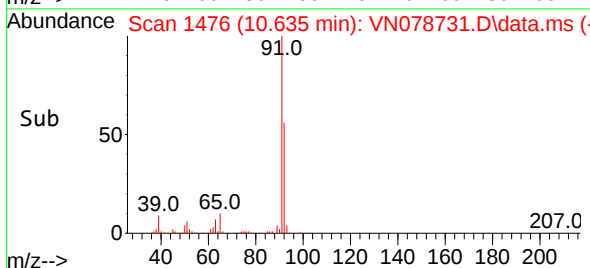
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

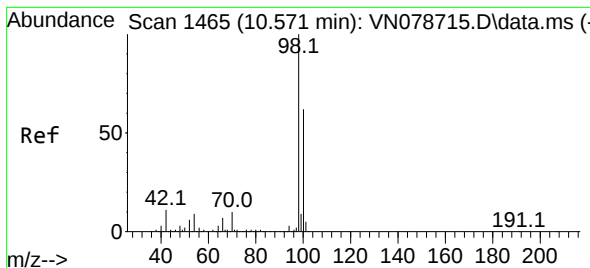


#62
Toluene
Concen: 16.140 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



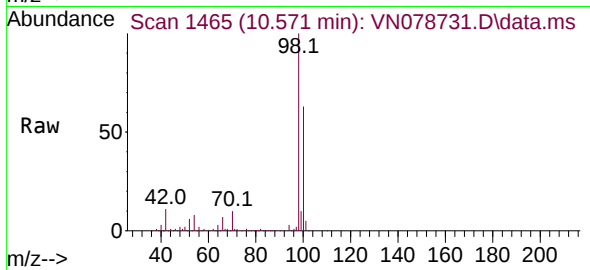
Tgt Ion: 91 Resp: 531178
Ion Ratio Lower Upper
91 100
92 55.8 45.2 67.8





#63
Toluene-d8
Concen: 25.193 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

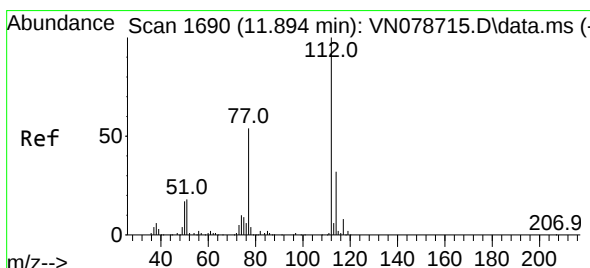
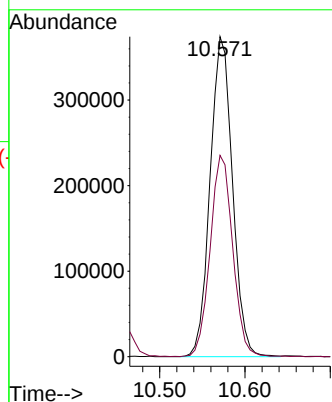
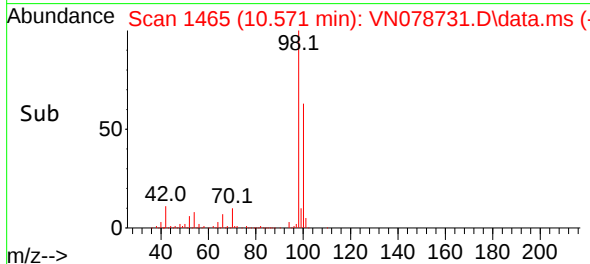
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



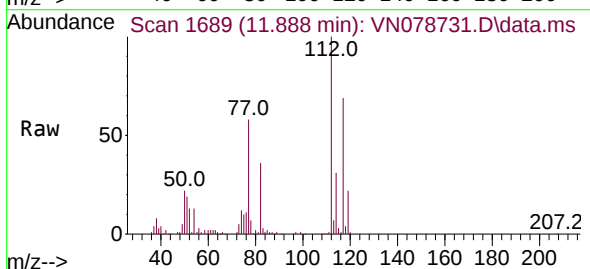
Tgt Ion: 98 Resp: 680914
Ion Ratio Lower Upper
98 100
100 63.5 49.7 74.5

Manual Integrations
APPROVED

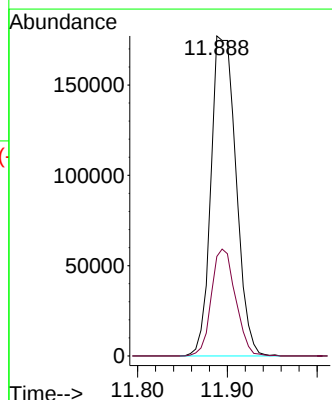
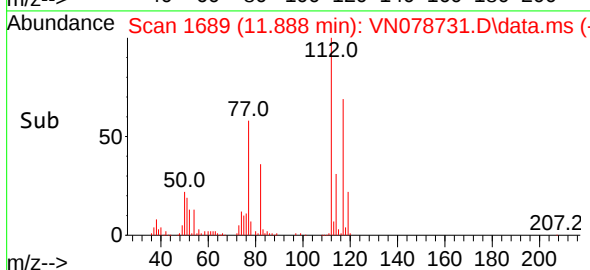
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

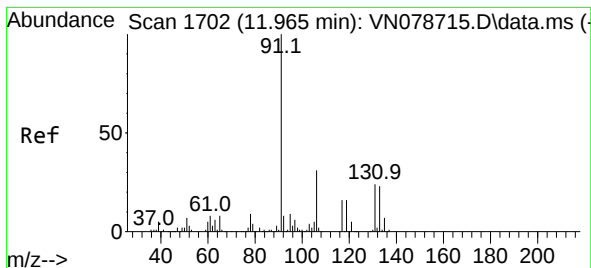


#64
Chlorobenzene
Concen: 17.867 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



Tgt Ion:112 Resp: 343300
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9





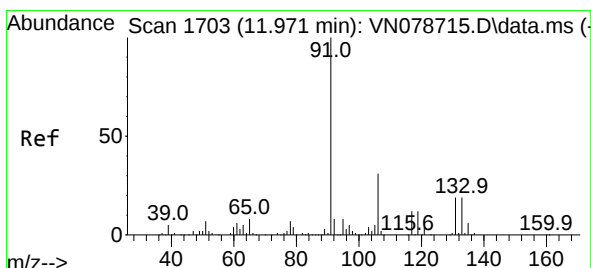
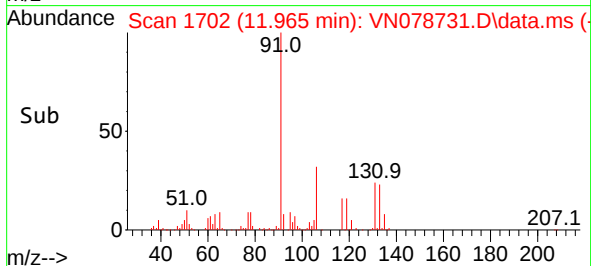
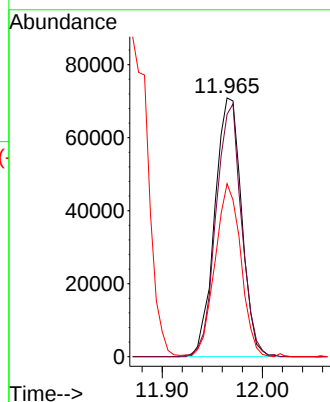
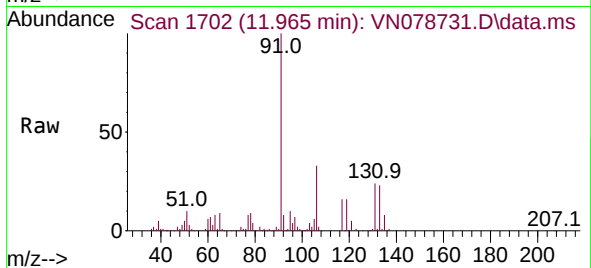
#65
1,1,1,2-Tetrachloroethane
Concen: 17.357 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion:131 Resp: 13153
Ion Ratio Lower Upper
131 100
133 92.8 0.0 191.8
119 64.2 0.0 132.0

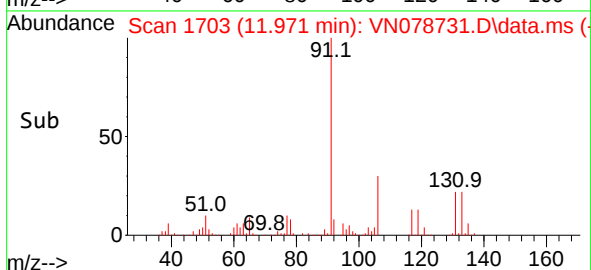
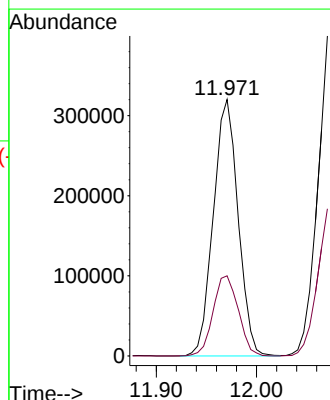
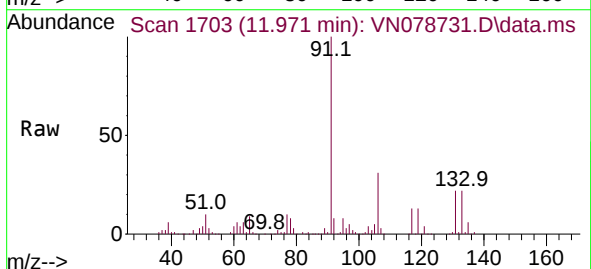
Manual Integrations
APPROVED

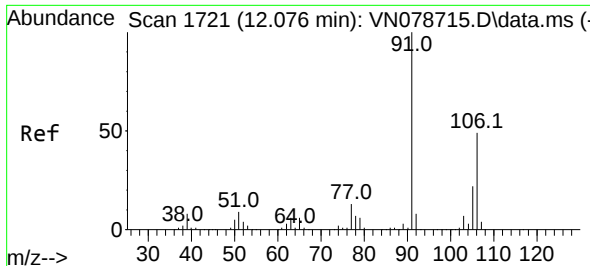
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#66
Ethyl Benzene
Concen: 16.548 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion: 91 Resp: 548891
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4





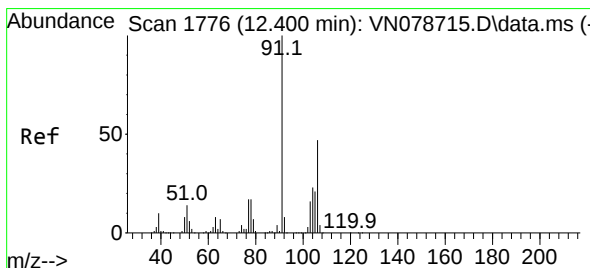
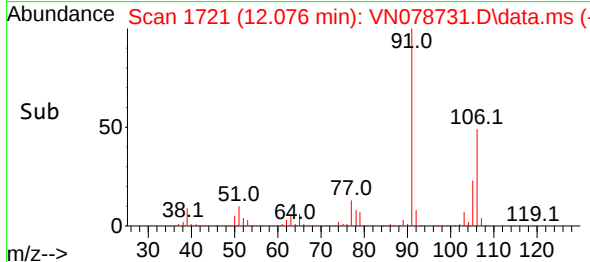
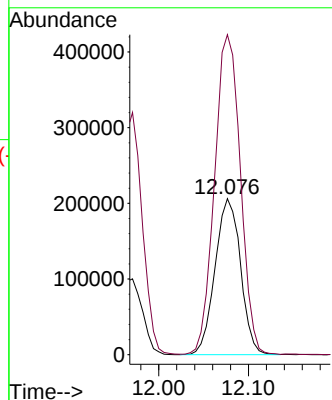
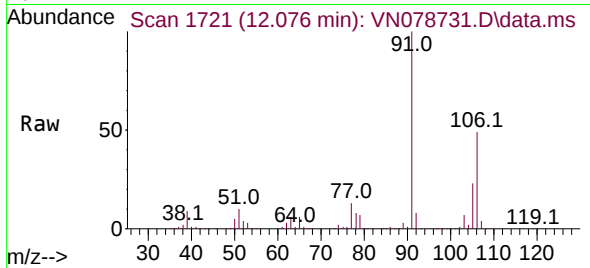
#67
m/p-Xylenes
Concen: 32.105 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion:106 Resp: 40676
Ion Ratio Lower Upper
106 100
91 208.1 162.5 243.7

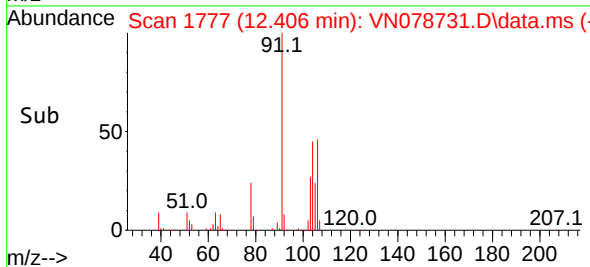
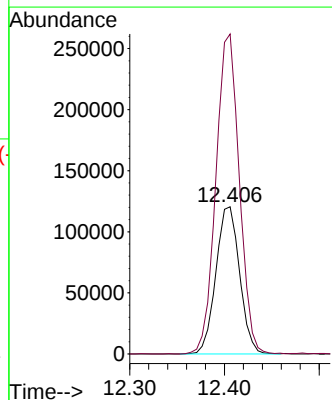
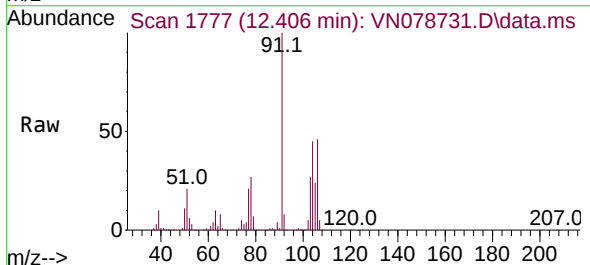
Manual Integrations
APPROVED

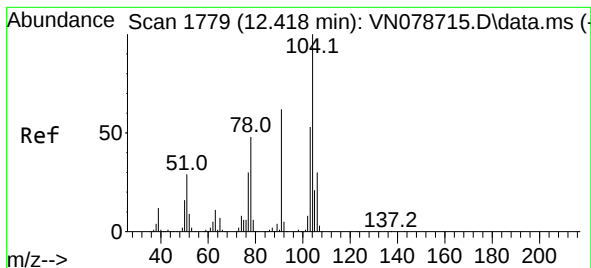
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#68
o-Xylene
Concen: 16.263 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion:106 Resp: 209658
Ion Ratio Lower Upper
106 100
91 214.5 106.1 318.3





#69

Styrene

Concen: 15.717 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS02

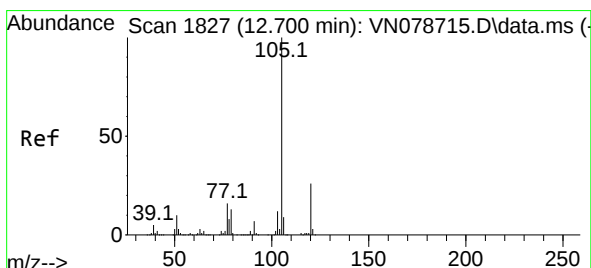
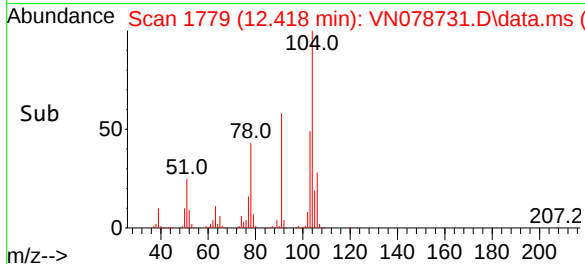
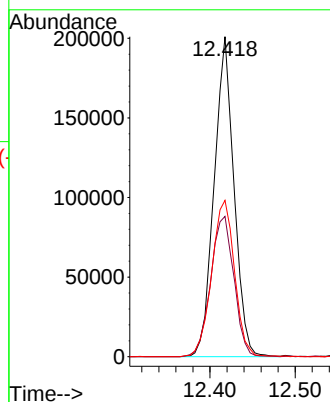
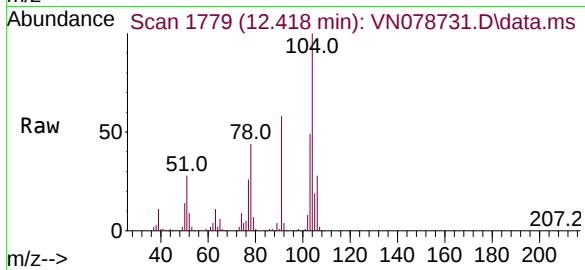
Tgt Ion:104 Resp: 326021
 Ion Ratio Lower Upper
 104 100
 78 51.3 40.1 60.1
 103 56.0 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#70

Isopropylbenzene

Concen: 20.011 ug/l

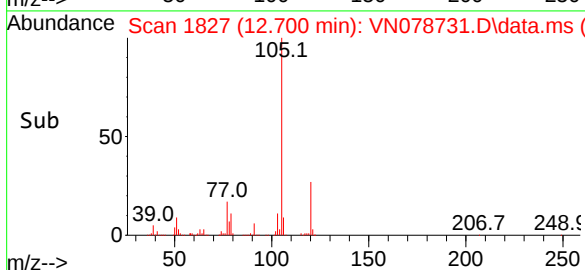
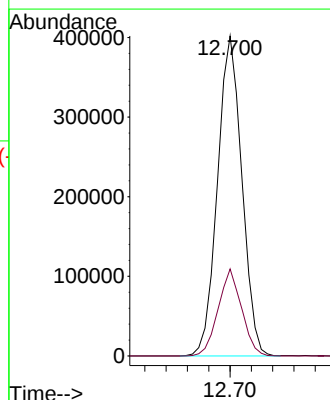
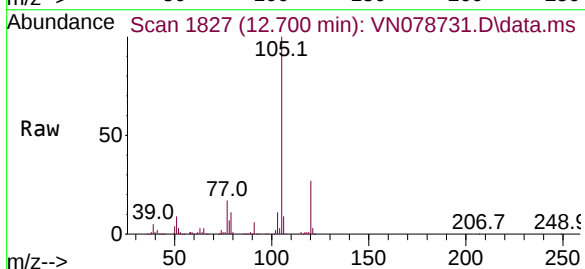
RT: 12.700 min Scan# 1827

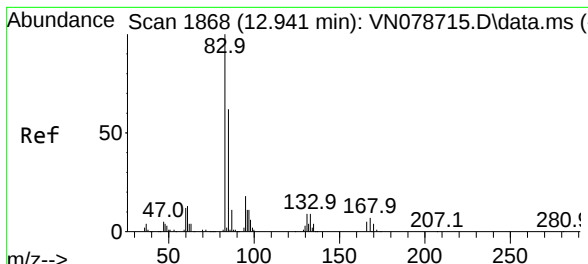
Delta R.T. 0.000 min

Lab File: VN078731.D

Acq: 02 Aug 2023 13:45

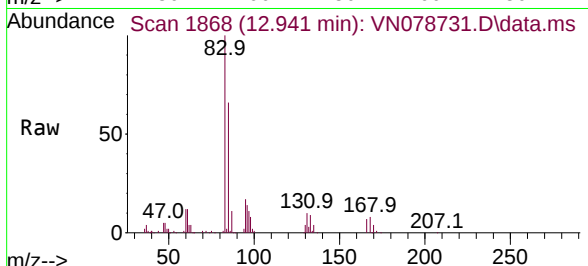
Tgt Ion:105 Resp: 638201
 Ion Ratio Lower Upper
 105 100
 120 26.1 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.264 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078731.D
 Acq: 02 Aug 2023 13:45

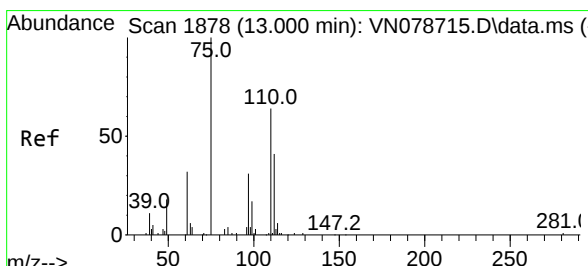
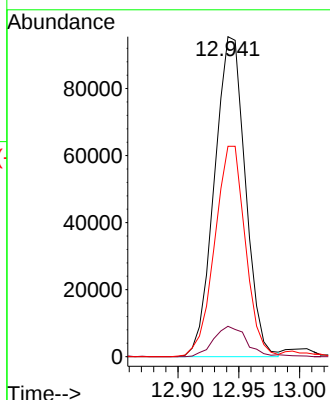
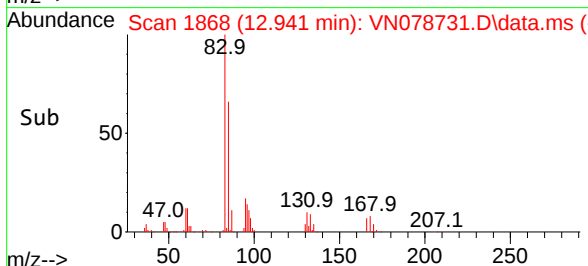
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS02



Tgt Ion: 83 Resp: 168498
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.4
 85 65.4 32.6 98.0

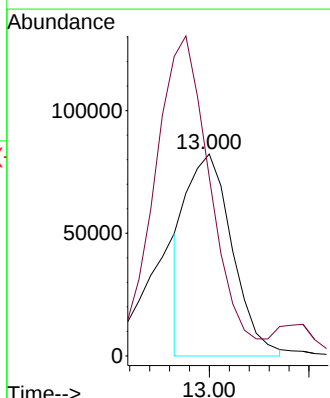
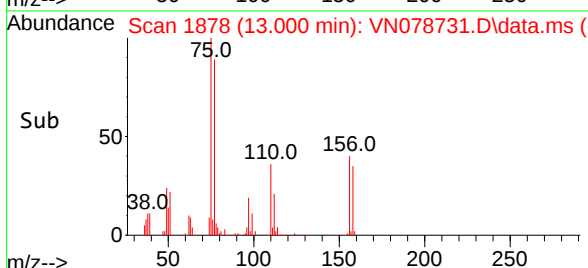
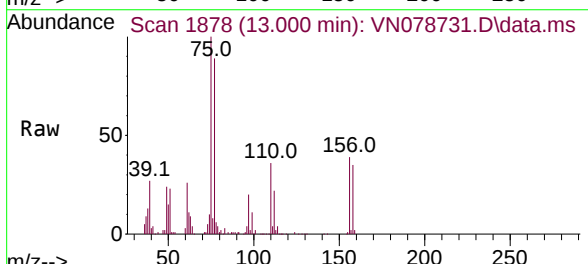
Manual Integrations
 APPROVED

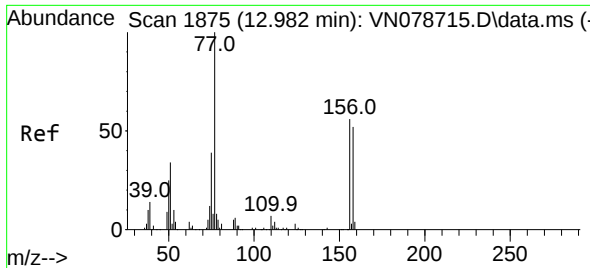
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#72
 1,2,3-Trichloropropane
 Concen: 15.297 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078731.D
 Acq: 02 Aug 2023 13:45

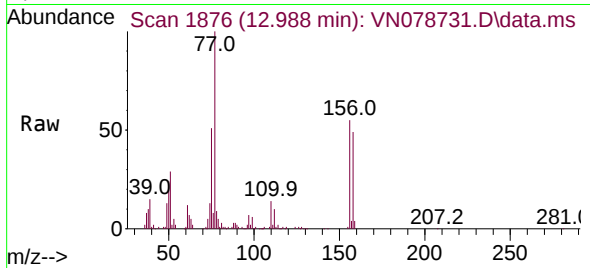
Tgt Ion: 75 Resp: 132937
 Ion Ratio Lower Upper
 75 100
 77 193.3 0.0 387.4





#73
Bromobenzene
Concen: 15.875 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

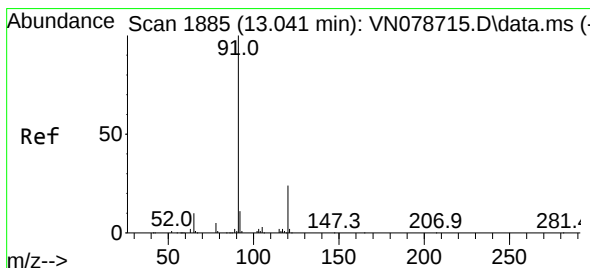
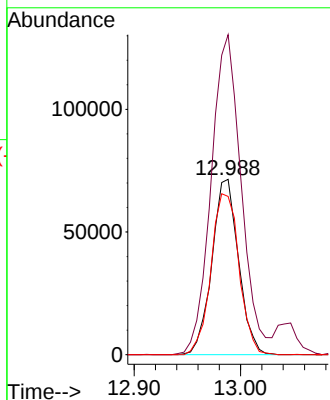
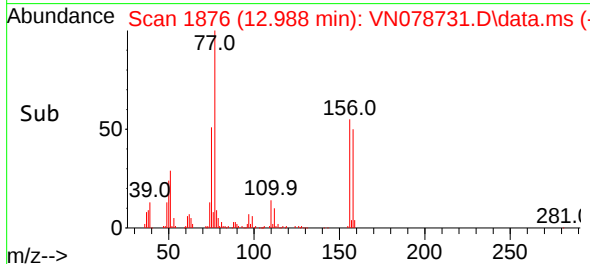
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



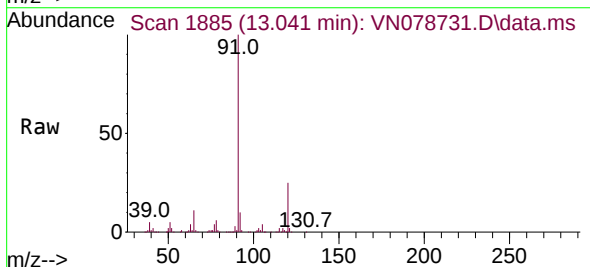
Tgt Ion:156 Resp: 124090
Ion Ratio Lower Upper
156 100
77 207.1 0.0 420.8
158 96.5 0.0 193.2

Manual Integrations
APPROVED

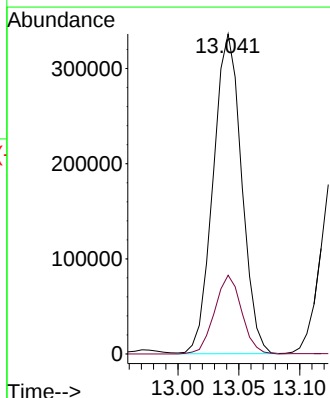
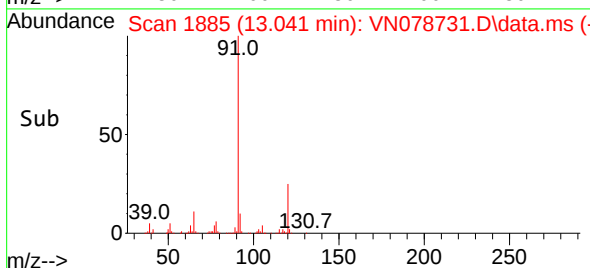
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

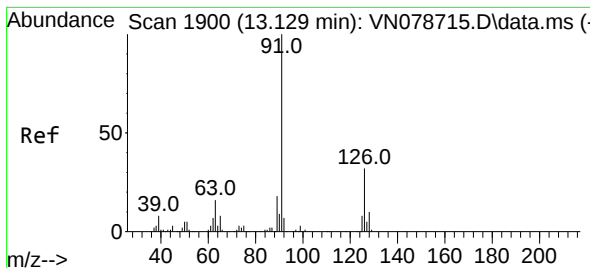


#74
n-propylbenzene
Concen: 15.447 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



Tgt Ion: 91 Resp: 546032
Ion Ratio Lower Upper
91 100
120 23.3 0.0 44.6





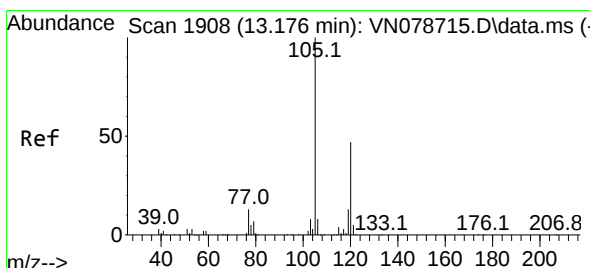
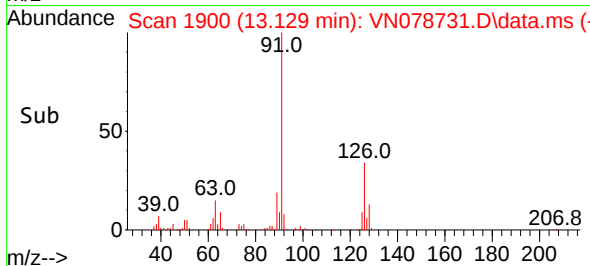
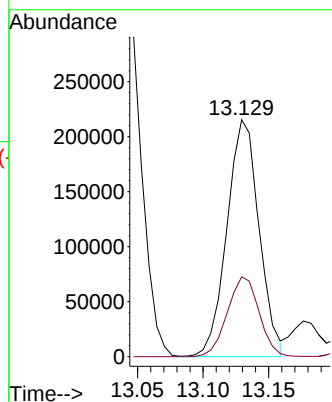
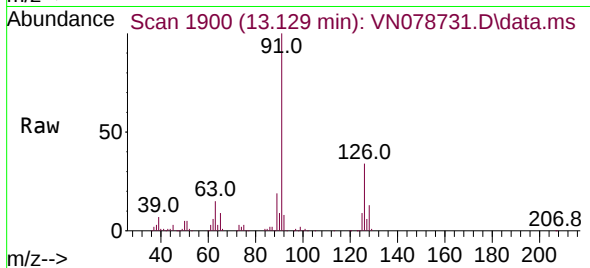
#75
2-Chlorotoluene
Concen: 15.034 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion: 91 Resp: 36701
Ion Ratio Lower Upper
91 100
126 33.4 0.0 67.2

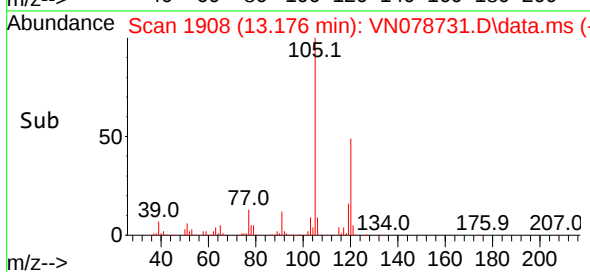
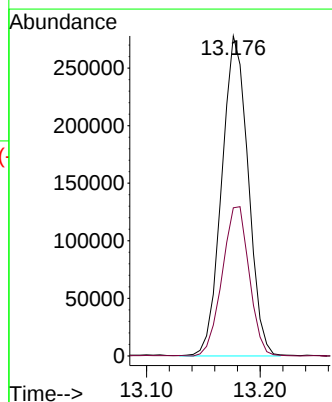
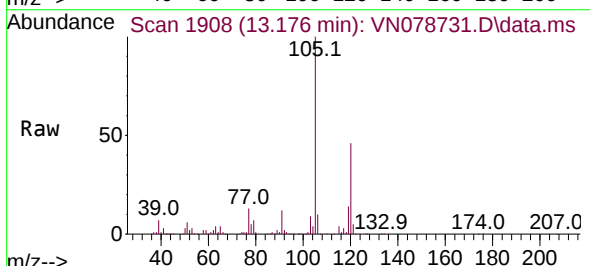
Manual Integrations
APPROVED

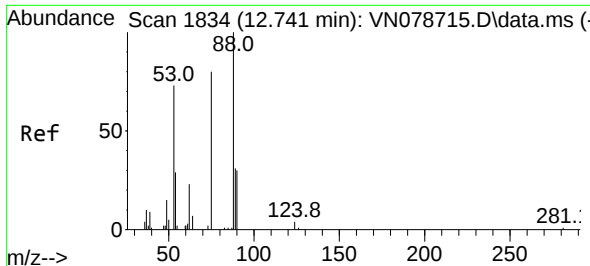
Reviewed By :John Carbone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#76
1,3,5-Trimethylbenzene
Concen: 15.770 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

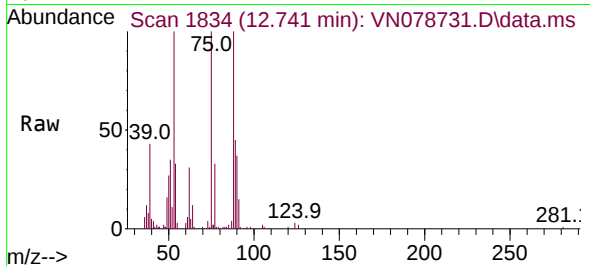
Tgt Ion:105 Resp: 449030
Ion Ratio Lower Upper
105 100
120 47.7 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 15.525 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

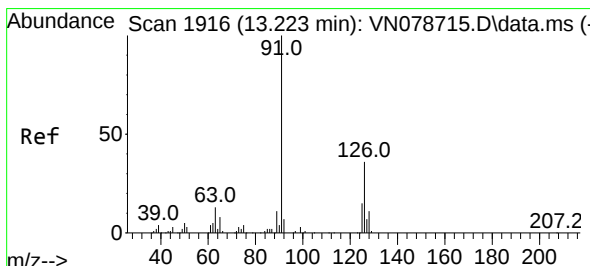
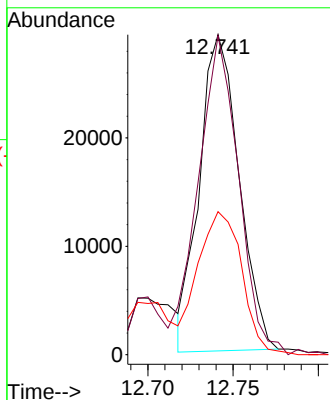
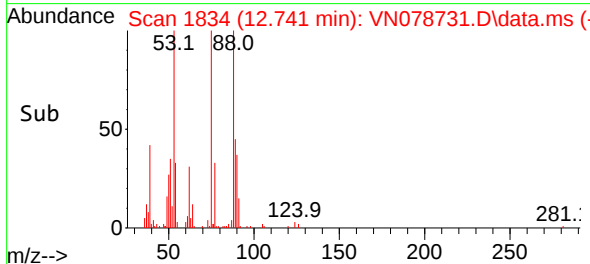
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion: 75 Resp: 47154
Ion Ratio Lower Upper
75 100
53 97.4 41.6 124.9
89 44.3 25.1 75.4

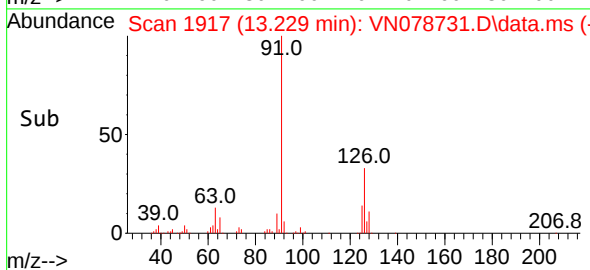
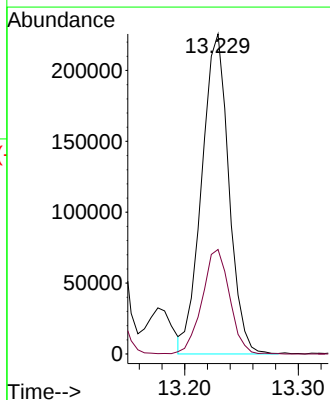
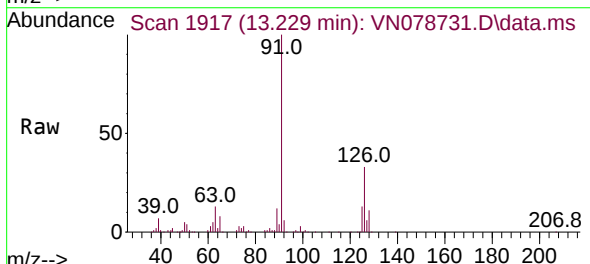
Manual Integrations
APPROVED

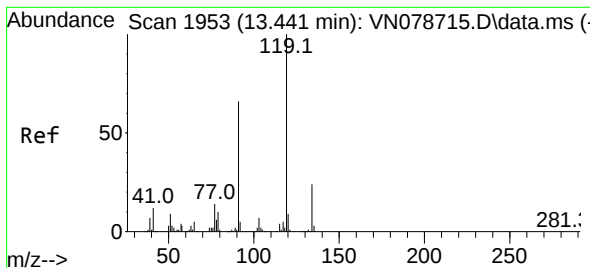
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#78
4-Chlorotoluene
Concen: 15.912 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

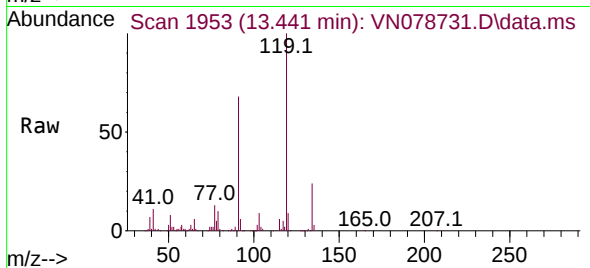
Tgt Ion: 91 Resp: 375059
Ion Ratio Lower Upper
91 100
126 33.0 0.0 68.8





#79
tert-butylbenzene
Concen: 16.799 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

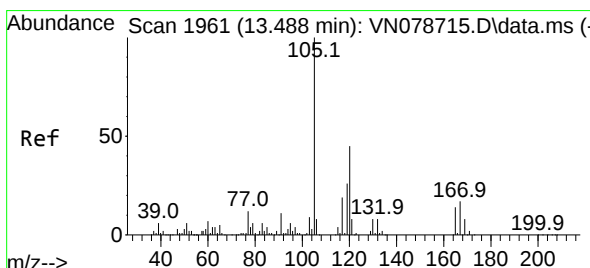
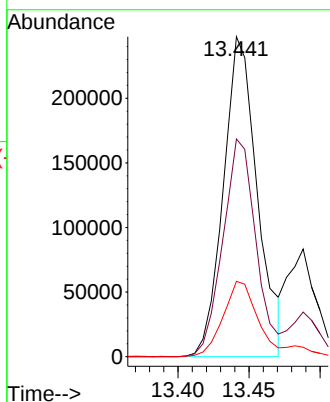
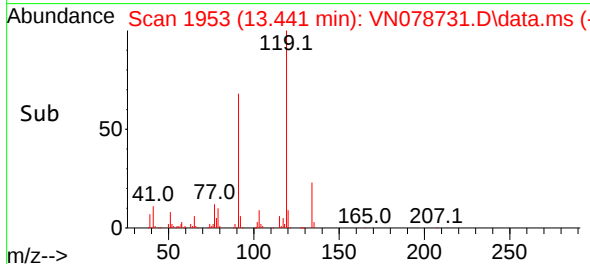
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



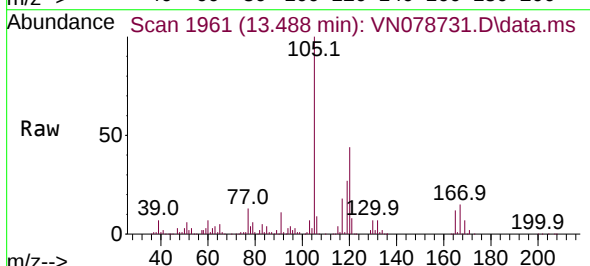
Tgt Ion:119 Resp: 41170
Ion Ratio Lower Upper
119 100
91 66.4 0.0 126.6
134 23.7 0.0 44.0

Manual Integrations
APPROVED

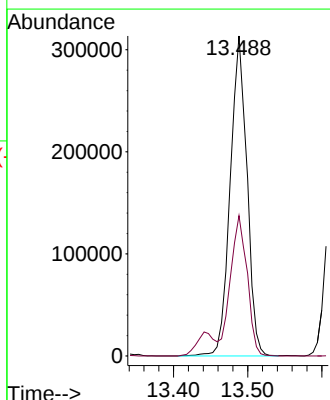
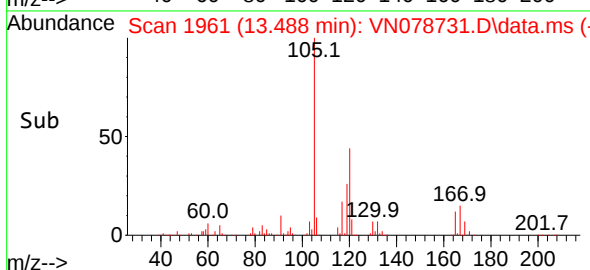
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

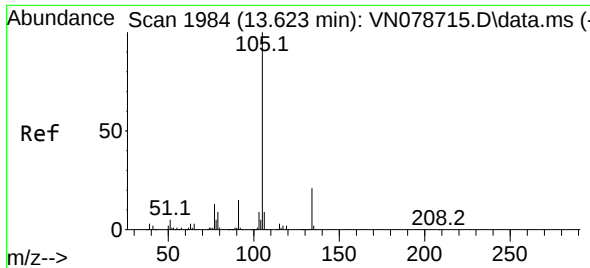


#80
1,2,4-Trimethylbenzene
Concen: 18.100 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45



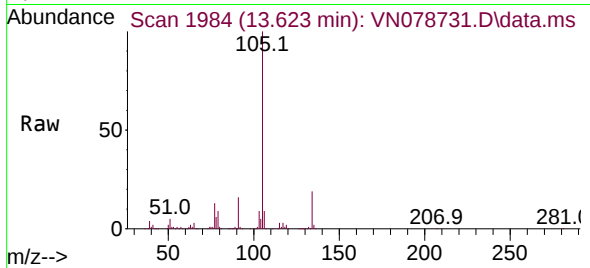
Tgt Ion:105 Resp: 492221
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 16.114 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078731.D
 Acq: 02 Aug 2023 13:45

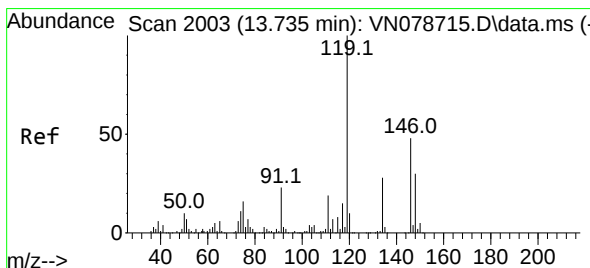
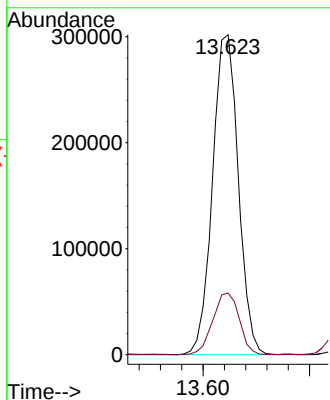
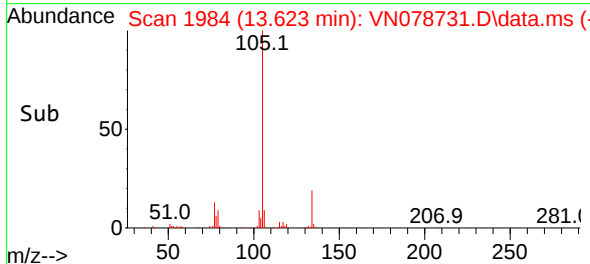
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS02



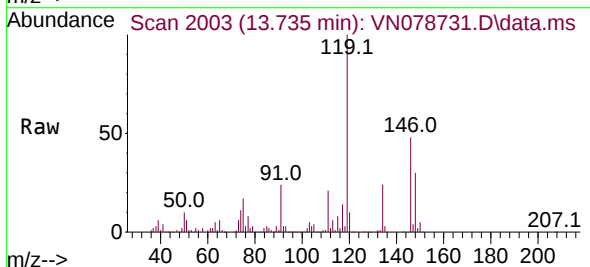
Tgt Ion:105 Resp: 50620
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.6

Manual Integrations
 APPROVED

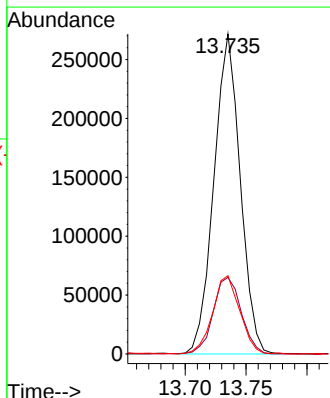
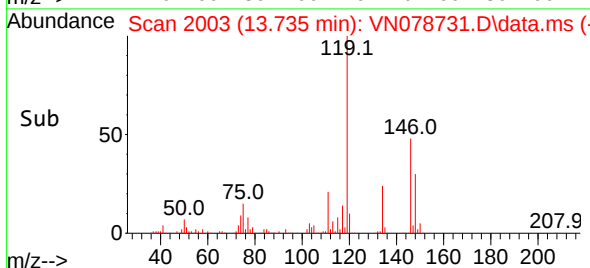
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

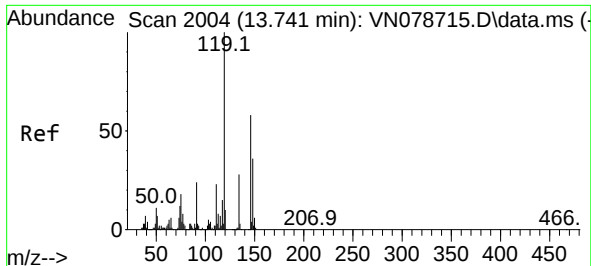


#82
 p-Isopropyltoluene
 Concen: 15.835 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078731.D
 Acq: 02 Aug 2023 13:45



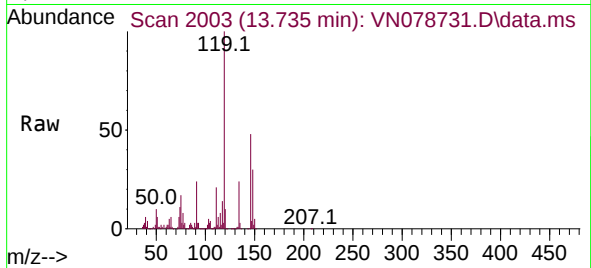
Tgt Ion:119 Resp: 408388
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 25.2 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 15.908 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

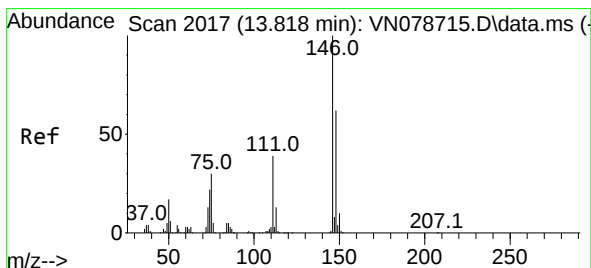
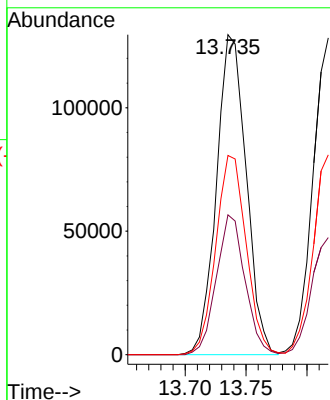
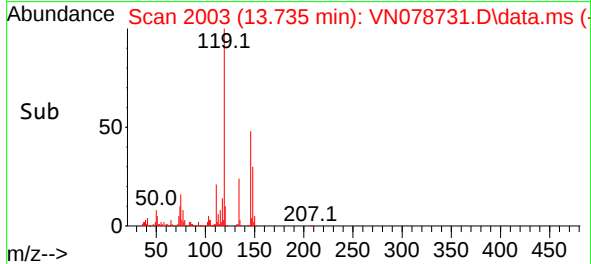
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion:146 Resp: 220519
Ion Ratio Lower Upper
146 100
111 42.1 21.6 64.6
148 63.7 31.9 95.5

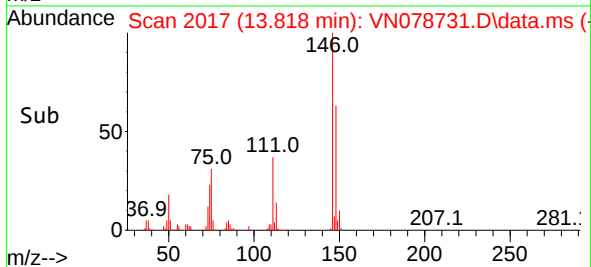
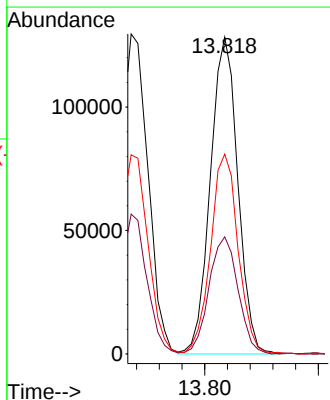
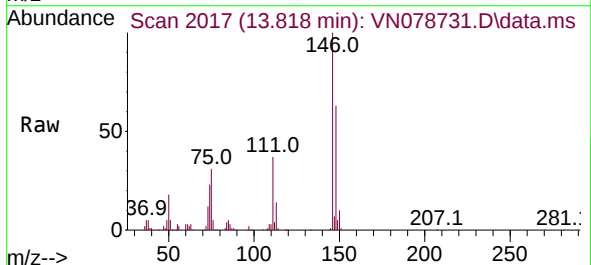
Manual Integrations
APPROVED

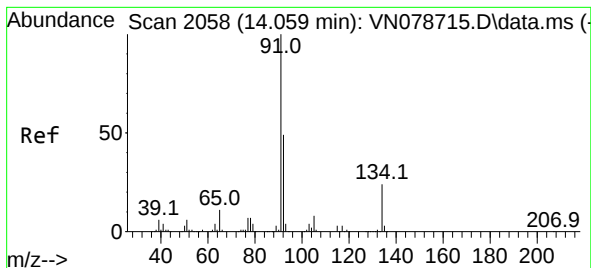
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#84
1,4-Dichlorobenzene
Concen: 16.578 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion:146 Resp: 215150
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.4 31.4 94.3





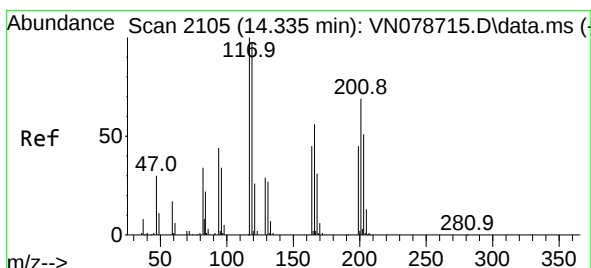
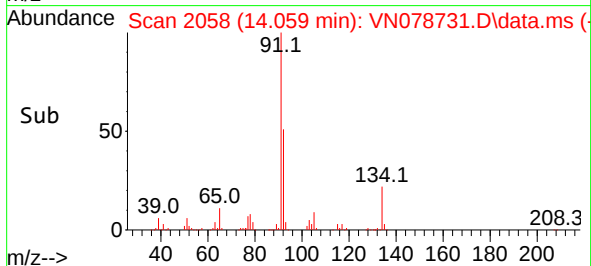
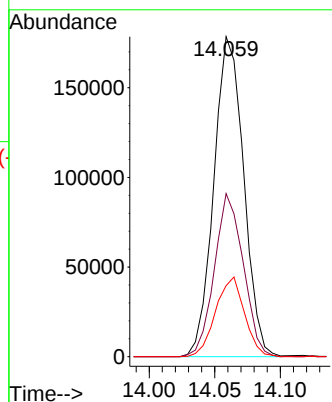
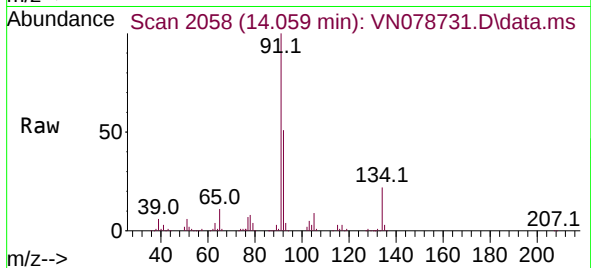
#85
n-Butylbenzene
Concen: 15.792 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02

Tgt Ion: 91 Resp: 282420
Ion Ratio Lower Upper
91 100
92 49.3 0.0 99.6
134 24.1 0.0 50.0

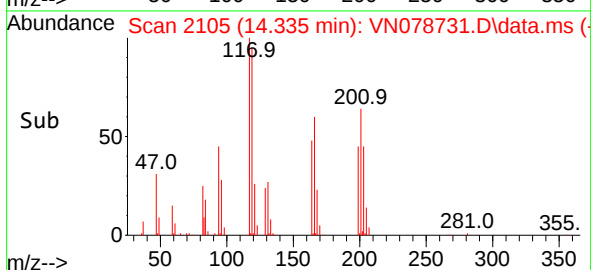
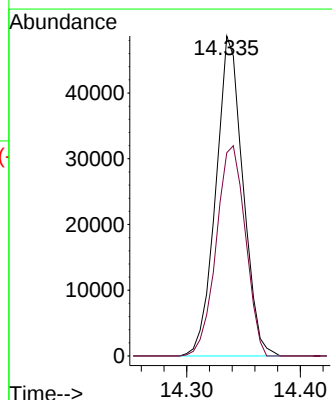
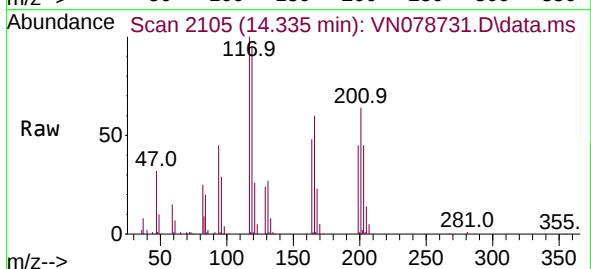
Manual Integrations
APPROVED

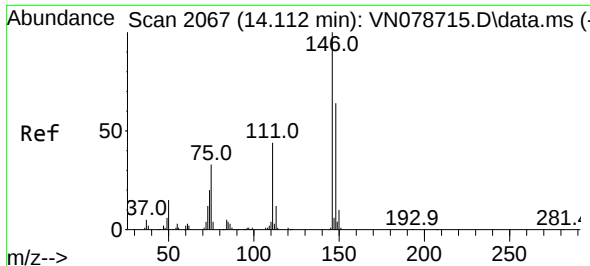
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#86
Hexachloroethane
Concen: 17.150 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

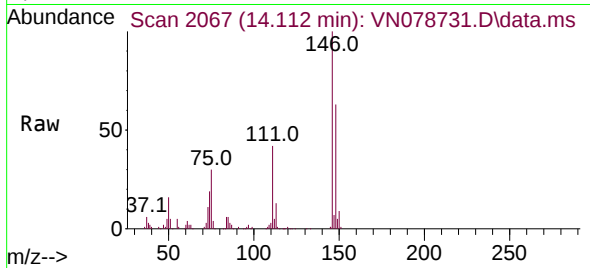
Tgt Ion:117 Resp: 80583
Ion Ratio Lower Upper
117 100
201 70.6 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 17.178 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

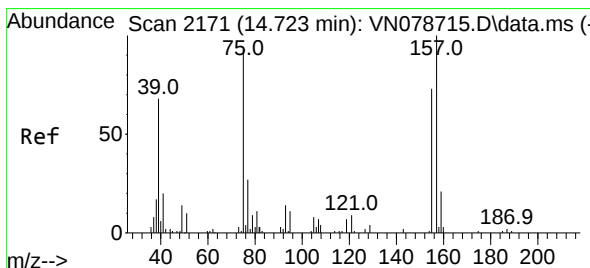
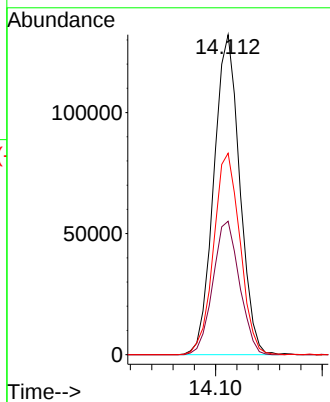
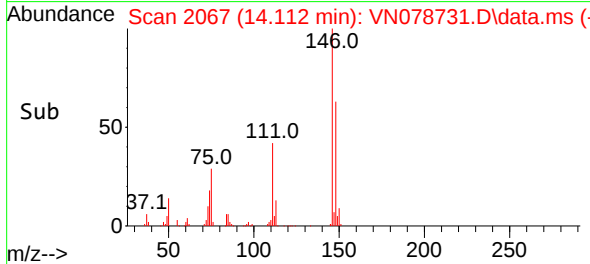
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion:146 Resp: 222868
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.3
148 64.2 33.4 100.1

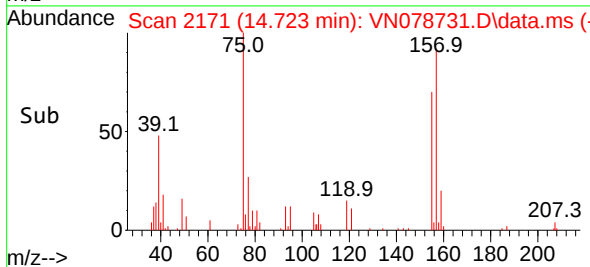
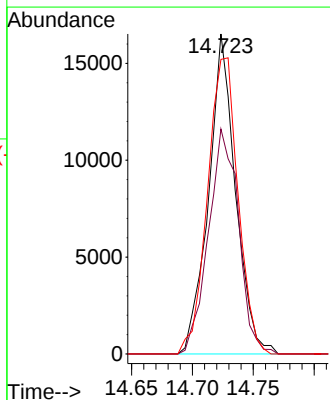
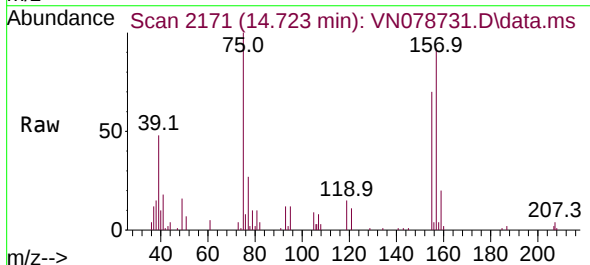
Manual Integrations
APPROVED

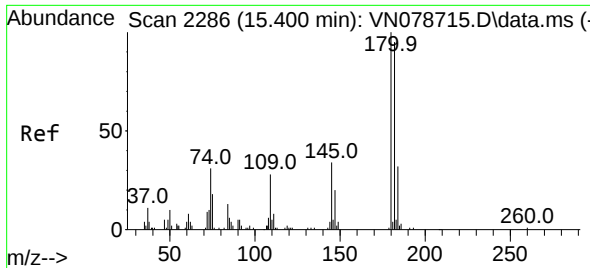
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 14.467 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

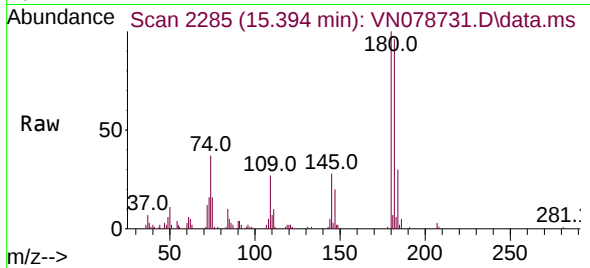
Tgt Ion: 75 Resp: 25452
Ion Ratio Lower Upper
75 100
155 78.4 68.2 102.2
157 104.9 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 12.467 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

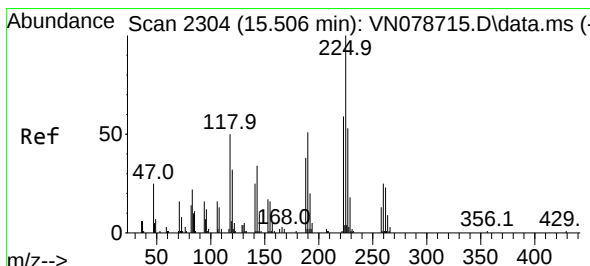
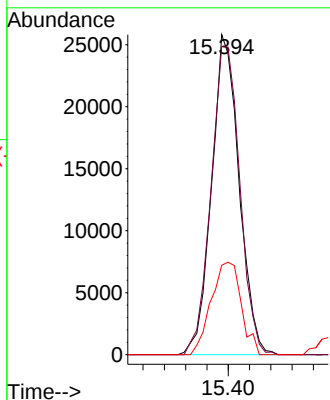
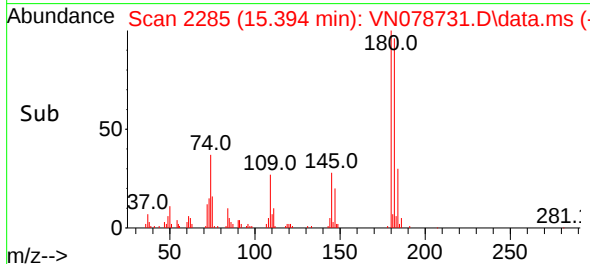
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion:180 Resp: 46140
Ion Ratio Lower Upper
180 100
182 101.1 73.7 110.5
145 31.6 25.0 37.6

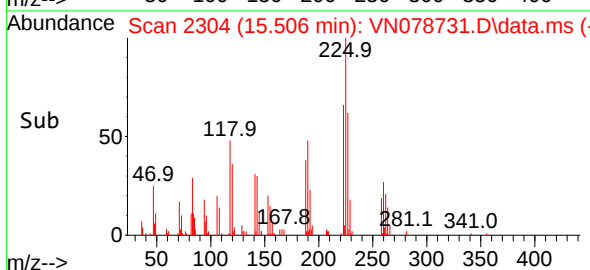
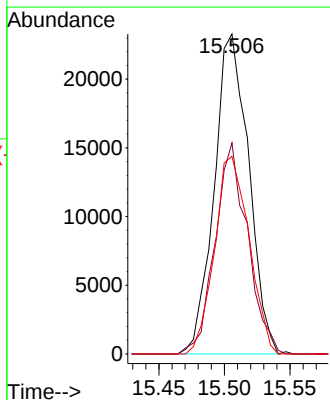
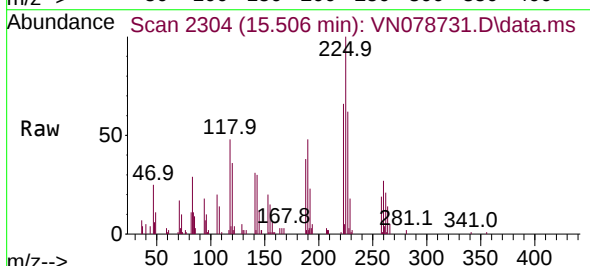
Manual Integrations
APPROVED

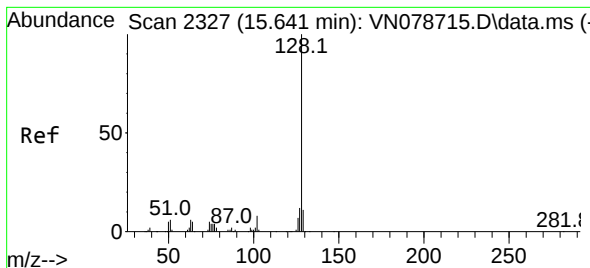
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#90
Hexachlorobutadiene
Concen: 15.096 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

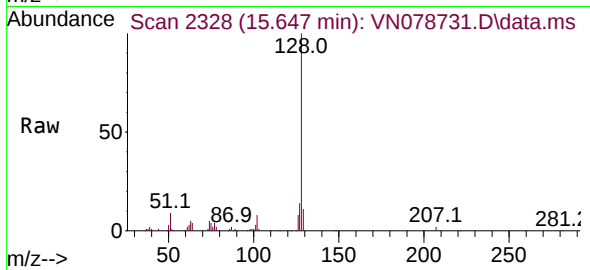
Tgt Ion:225 Resp: 42569
Ion Ratio Lower Upper
225 100
223 62.0 0.0 130.0
227 62.0 0.0 124.0





#91
Naphthalene
Concen: 11.629 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

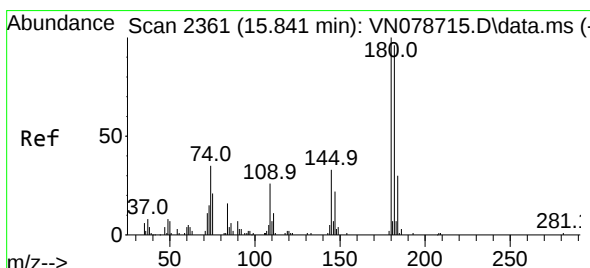
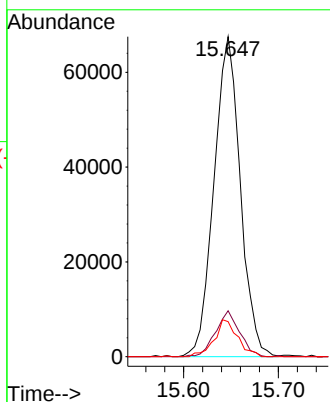
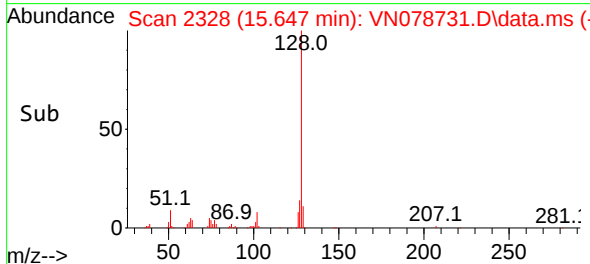
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS02



Tgt Ion:128 Resp: 13039
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.2 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#92
1,2,3-Trichlorobenzene
Concen: 14.289 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN078731.D
Acq: 02 Aug 2023 13:45

Tgt Ion:180 Resp: 60193
Ion Ratio Lower Upper
180 100
182 98.5 0.0 196.4
145 31.6 0.0 71.0

