

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078730.D
 Acq On : 02 Aug 2023 13:02
 Operator : JC\MD
 Sample : VN0802WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 03 05:31:41 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	113053	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	707188	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	514438	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	280550	33.106	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.367%#			
60) 4-Bromofluorobenzene	12.853	95	219142	28.425	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.733%			
63) Toluene-d8	10.570	98	737511	29.021	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.733%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	124171	17.413	ug/l	96
3) Chloromethane	2.371	50	210362	23.965	ug/l	95
4) Vinyl Chloride	2.524	62	246057	20.627	ug/l	97
5) Bromomethane	2.971	94	163132	18.295	ug/l	98
6) Chloroethane	3.130	64	145665	18.750	ug/l	97
7) Trichlorofluoromethane	3.506	101	277352	22.665	ug/l	94
8) Diethyl Ether	3.977	74	82514	20.654	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	144821	22.048	ug/l	98
10) 1,1-Dichloroethene	4.347	96	134244	21.314	ug/l	96
11) Methyl Iodide	4.600	142	196719	22.220	ug/l	96
12) Methyl Acetate	5.041	43	187700	18.373	ug/l	94
13) Acrolein	4.194	56	94917	87.248	ug/l	99
14) Acrylonitrile	5.730	53	264340	88.363	ug/l	98
15) Acetone	4.441	58	101162	116.715	ug/l	80
16) Carbon Disulfide	4.718	76	370987	20.852	ug/l	95
17) Allyl chloride	5.036	41	168384	19.580	ug/l	92
18) Methylene Chloride	5.283	84	144447	19.116	ug/l	96
19) trans-1,2-Dichloroethene	5.800	96	130392	17.906	ug/l	97
20) Diisopropyl ether	6.682	45	375965	19.416	ug/l	98
21) 1,1-Dichloroethane	6.582	63	245622	19.157	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	159056	19.448	ug/l	96
23) tert-Butyl Alcohol	5.541	59	105235m	86.088	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	385146	18.185	ug/l #	89
25) Chloroform	7.977	83	316559	23.320	ug/l	99
26) Cyclohexane	8.265	56	212688	22.520	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	221896	21.324	ug/l	100
30) 2-Butanone	7.494	43	356607	86.692	ug/l	97
31) 2,2-Dichloropropane	7.506	77	217265	18.196	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	294852	22.396	ug/l	100
33) Carbon Tetrachloride	8.371	117	252748	21.615	ug/l	90
34) Benzene	8.612	78	688835	22.037	ug/l	98
35) Methacrylonitrile	7.782	41	82896	18.351	ug/l	90
36) 1,2-Dichloroethane	8.676	62	239483	21.815	ug/l	99
37) Trichloroethene	9.359	130	155277	17.702	ug/l	95
38) Methylcyclohexane	9.606	83	183280	17.142	ug/l	98
39) 1,2-Dichloropropane	9.629	63	144144	17.202	ug/l	94
40) Dibromomethane	9.718	93	101738	17.542	ug/l	96
41) Bromodichloromethane	9.894	83	208564	17.988	ug/l	94
42) Vinyl Acetate	6.618	43	1101987	83.327	ug/l	99

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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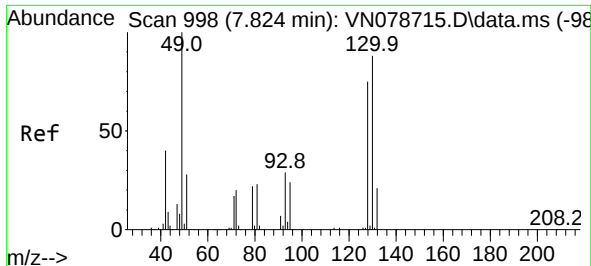
Quant Time: Aug 03 05:31:41 2023
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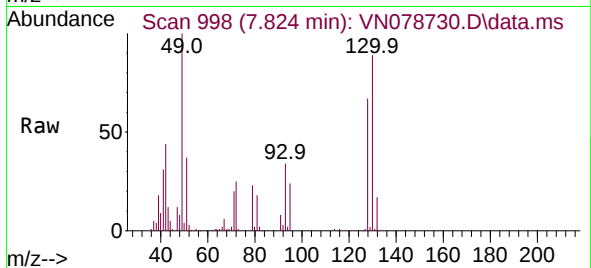
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	133616	15.712	ug/l	97
44) Isopropyl Acetate	8.694	43	291922	19.565	ug/l	100
45) 1,4-Dioxane	9.700	88	43244	315.078	ug/l #	94
46) Methyl methacrylate	9.688	41	113559	16.620	ug/l	98
47) n-amyl Acetate	12.500	43	191202	16.639	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	214028	17.295	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	235589	17.924	ug/l	94
50) 1,1,2-Trichloroethane	11.023	97	142955	17.413	ug/l	97
51) Ethyl methacrylate	10.882	69	192511	17.128	ug/l	94
52) 1,3-Dichloropropane	11.170	76	235681	15.972	ug/l	99
53) Dibromochloromethane	11.365	129	161706	17.436	ug/l	98
54) 1,2-Dibromoethane	11.476	107	140842	17.085	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	358220	100.017	ug/l	98
56) Bromoform	12.582	173	107865	17.775	ug/l	99
58) 4-Methyl-2-Pentanone	10.453	43	745360	96.799	ug/l	100
59) 2-Hexanone	11.200	43	535181	91.794	ug/l	98
61) Tetrachloroethene	11.106	164	143907	21.273	ug/l	89
62) Toluene	10.635	91	711297	22.987	ug/l	100
64) Chlorobenzene	11.900	112	380148	21.042	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.964	131	153171	21.498	ug/l	98
66) Ethyl Benzene	11.970	91	668711	21.442	ug/l	98
67) m/p-Xylenes	12.076	106	510463	42.850	ug/l	99
68) o-Xylene	12.400	106	243234	20.066	ug/l	99
69) Styrene	12.417	104	393432	20.173	ug/l	99
70) Isopropylbenzene	12.700	105	628491	20.959	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	190828	19.590	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	174020m	21.296	ug/l	
73) Bromobenzene	12.988	156	148931	20.263	ug/l	95
74) n-propylbenzene	13.041	91	687083	20.673	ug/l	99
75) 2-Chlorotoluene	13.129	91	434546	18.932	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	500985	18.712	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	54651	19.136	ug/l	85
78) 4-Chlorotoluene	13.223	91	394838	17.816	ug/l	97
79) tert-butylbenzene	13.441	119	427966	18.572	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	487213	19.054	ug/l	97
81) sec-Butylbenzene	13.623	105	540484	18.299	ug/l	98
82) p-Isopropyltoluene	13.735	119	442436	18.246	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	241568	18.534	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	231146	18.943	ug/l	99
85) n-Butylbenzene	14.058	91	306804	18.246	ug/l	99
86) Hexachloroethane	14.341	117	86270	19.527	ug/l	93
87) 1,2-Dichlorobenzene	14.111	146	236294	19.371	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	29097	17.589	ug/l	95
89) 1,2,4-Trichlorobenzene	15.400	180	67682	19.447	ug/l	98
90) Hexachlorobutadiene	15.511	225	53409	20.144	ug/l	96
91) Naphthalene	15.647	128	175220	16.619	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	76339	19.274	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

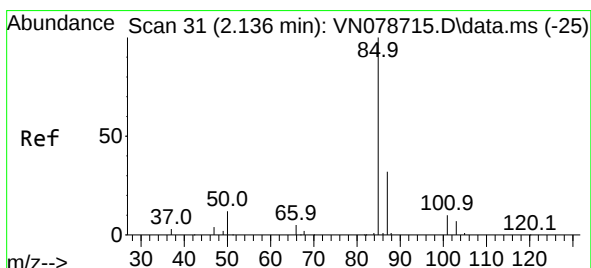
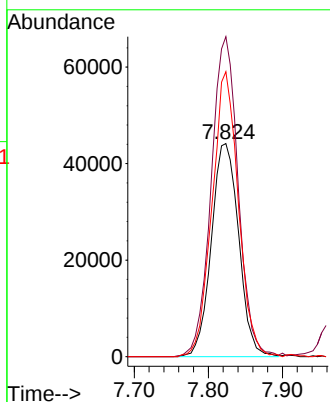
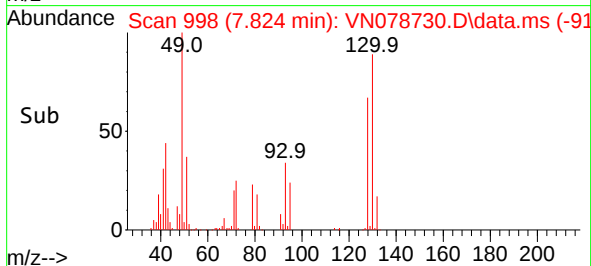
Instrument :
MSVOA_N
Client Sample Id :
VN0802WBS01



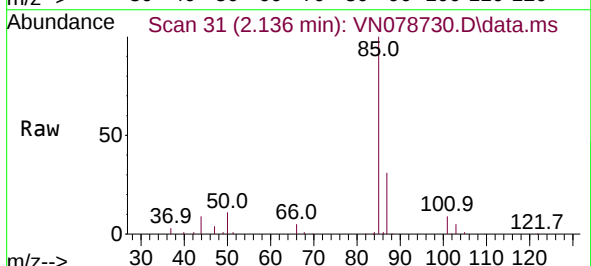
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Ion Ratio Lower Upper
128 100
49 148.3 0.0 370.8
130 128.5 0.0 307.0

Manual Integrations
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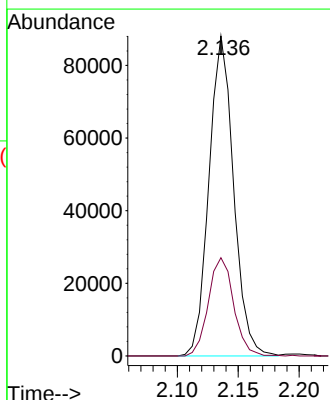
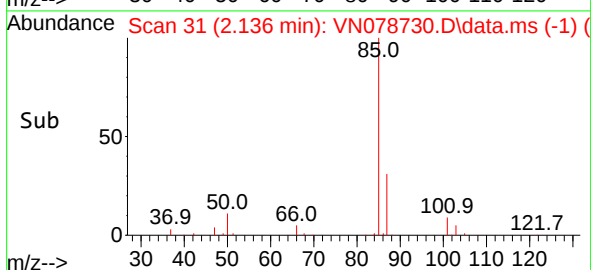
Reviewed By : John Carlone 08/03/2023
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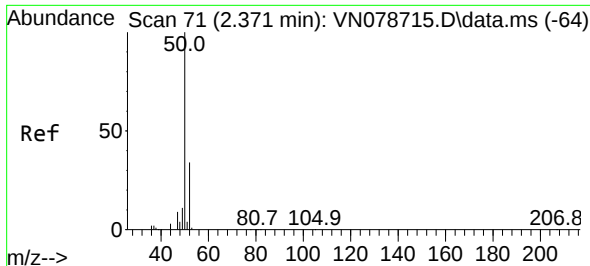


#2
Dichlorodifluoromethane
Concen: 17.413 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



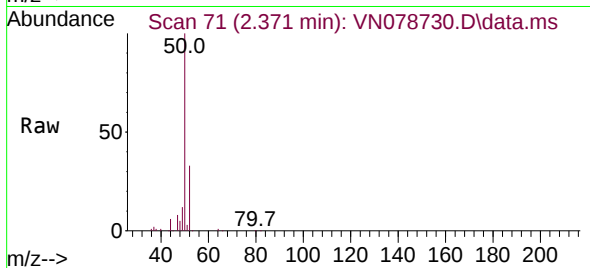
Tgt Ion: 85 Resp: 124171
Ion Ratio Lower Upper
85 100
87 30.7 16.4 49.4





#3
Chloromethane
Concen: 23.965 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

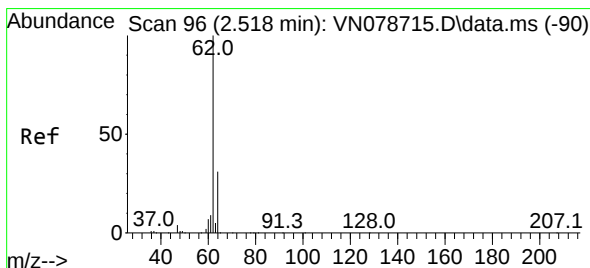
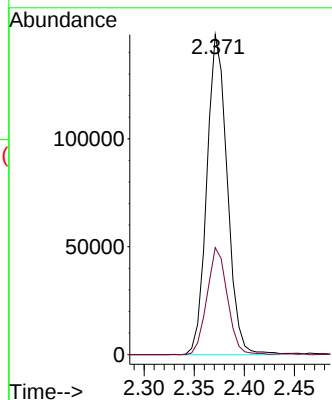
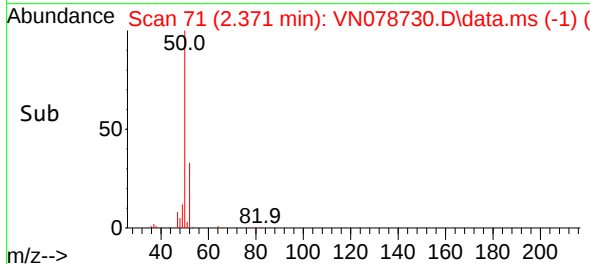
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



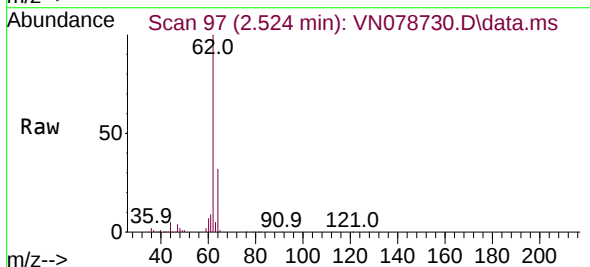
Tgt Ion: 50 Resp: 210362
Ion Ratio Lower Upper
50 100
52 33.5 24.6 36.8

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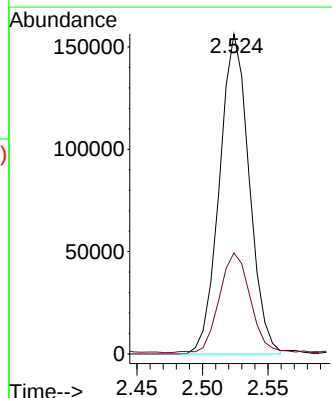
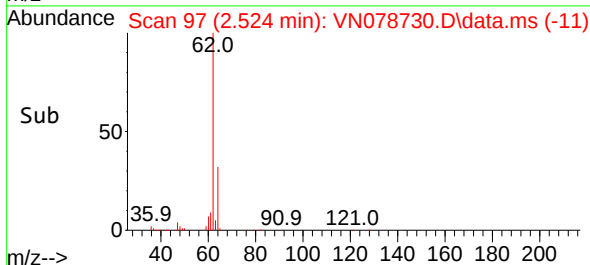
Reviewed By :John Carlone 08/03/2023
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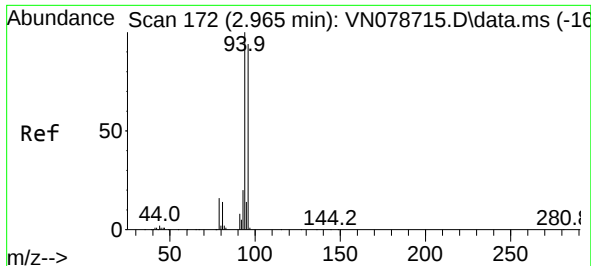


#4
Vinyl Chloride
Concen: 20.627 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



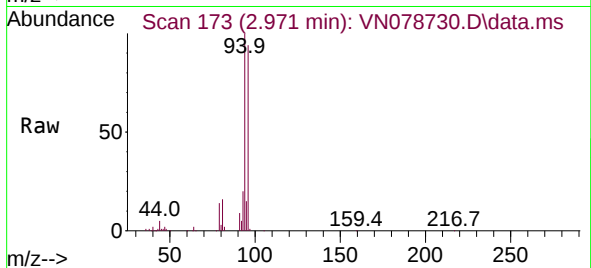
Tgt Ion: 62 Resp: 246057
Ion Ratio Lower Upper
62 100
64 30.7 23.3 34.9





#5
Bromomethane
Concen: 18.295 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

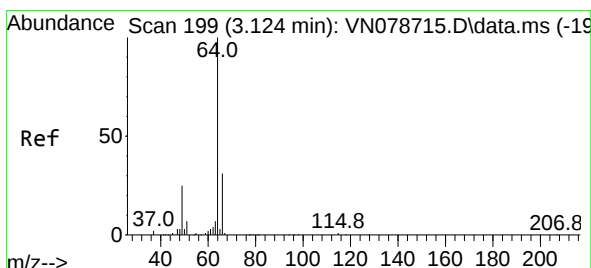
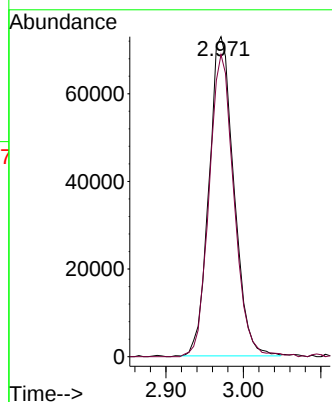
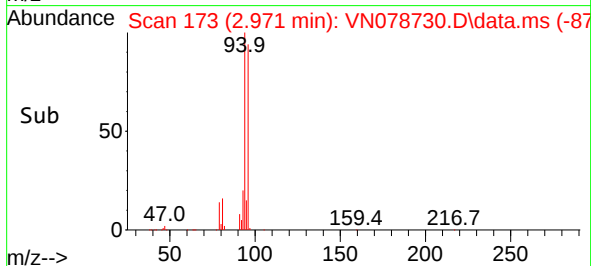
Instrument :
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ClientSampleId :
VN0802WBS01



Tgt Ion: 94 Resp: 163132
Ion Ratio Lower Upper
94 100
96 94.7 73.9 110.9

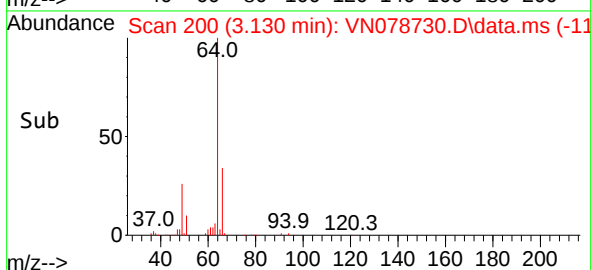
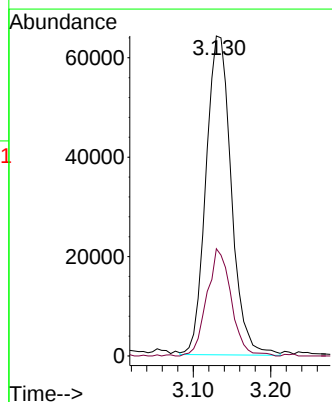
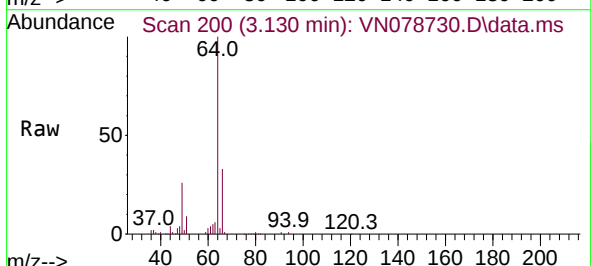
Manual Integrations
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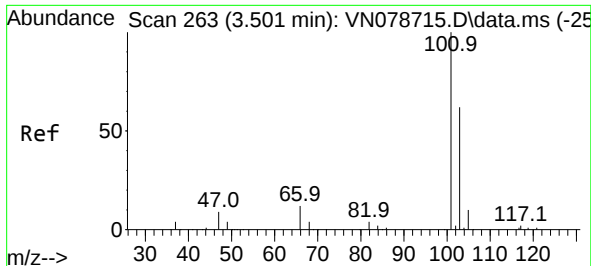
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#6
Chloroethane
Concen: 18.750 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

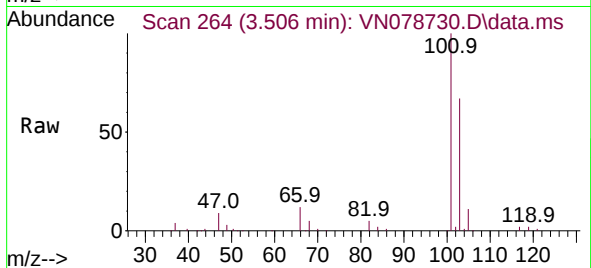
Tgt Ion: 64 Resp: 145665
Ion Ratio Lower Upper
64 100
66 33.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 22.665 ug/l
 RT: 3.506 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02

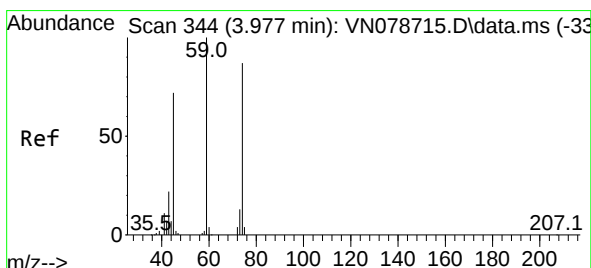
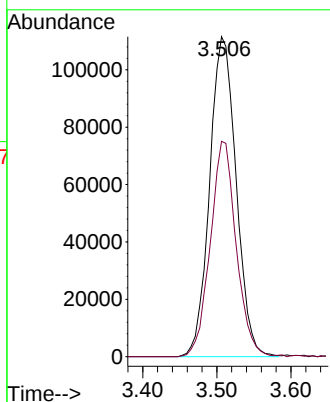
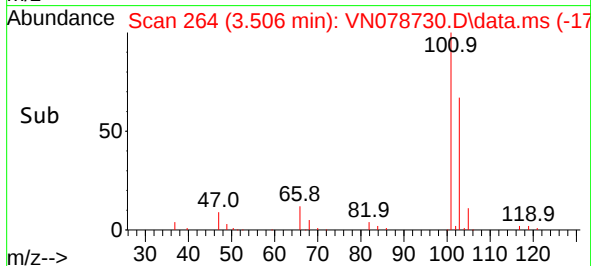
Instrument :
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Tgt Ion:101 Resp: 277352
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.4 75.6

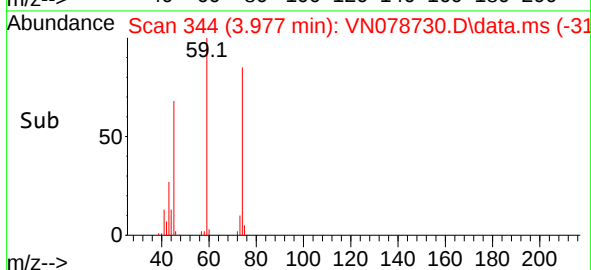
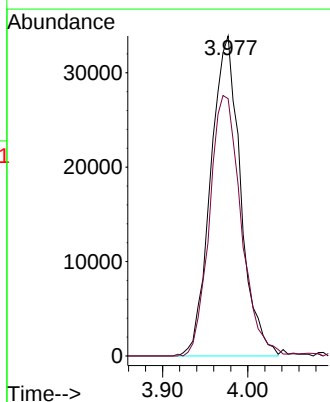
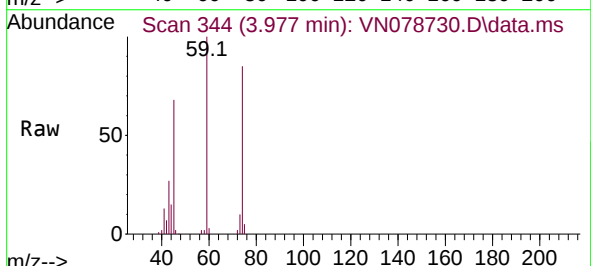
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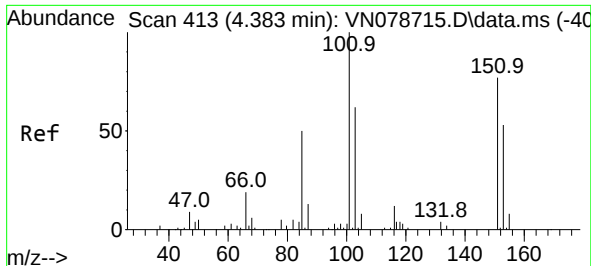
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#8
 Diethyl Ether
 Concen: 20.654 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. -0.000 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02

Tgt Ion: 74 Resp: 82514
 Ion Ratio Lower Upper
 74 100
 45 86.0 16.3 146.5





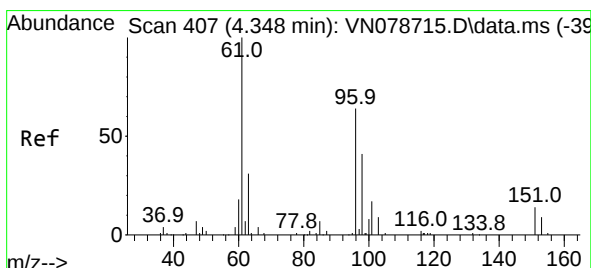
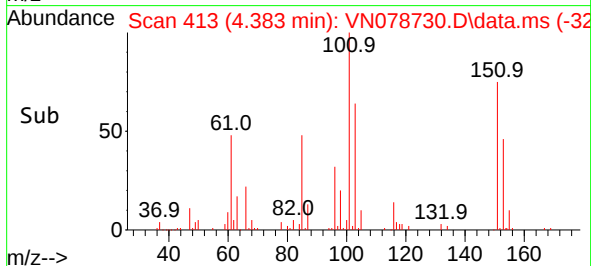
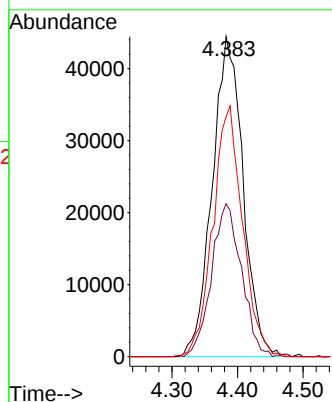
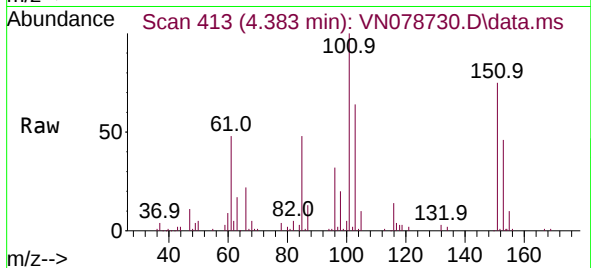
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.048 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion:101 Resp: 14482
Ion Ratio Lower Upper
101 100
85 46.3 0.0 89.2
151 75.4 0.0 148.8

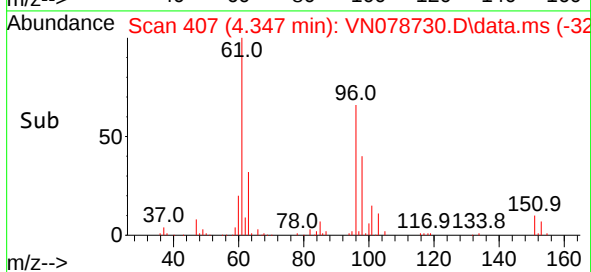
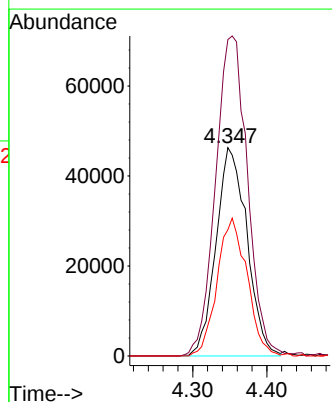
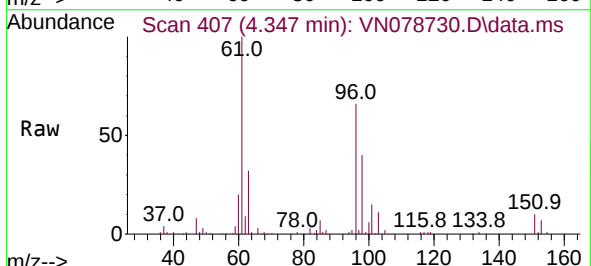
Manual Integrations
APPROVED

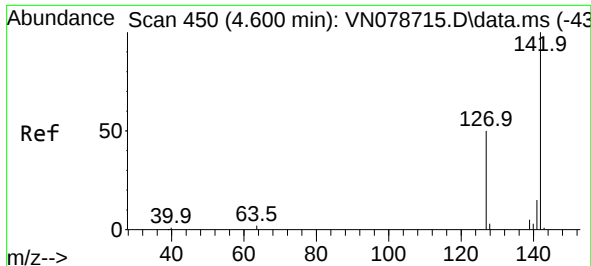
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#10
1,1-Dichloroethene
Concen: 21.314 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

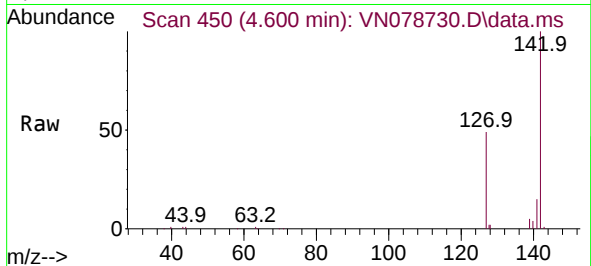
Tgt Ion: 96 Resp: 134244
Ion Ratio Lower Upper
96 100
61 151.9 123.4 185.2
98 60.6 53.7 80.5





#11
Methyl Iodide
Concen: 22.220 ug/l
RT: 4.600 min Scan# 450
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

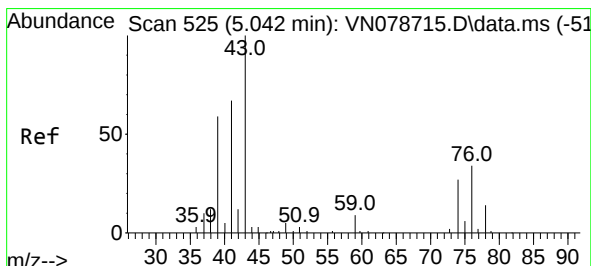
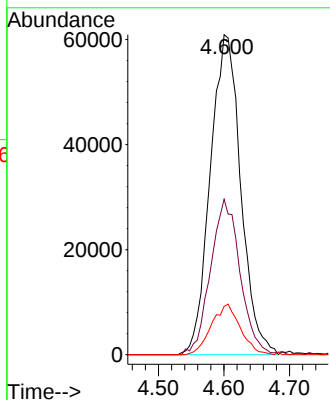
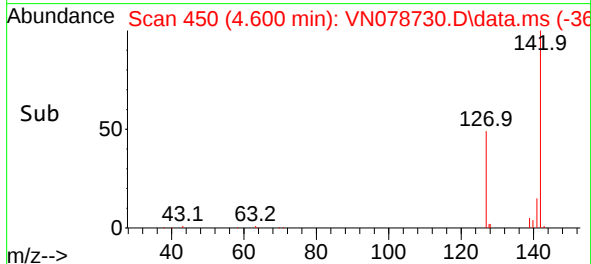
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion:142 Resp: 196719
Ion Ratio Lower Upper
142 100
127 49.8 23.2 69.5
141 14.7 7.2 21.7

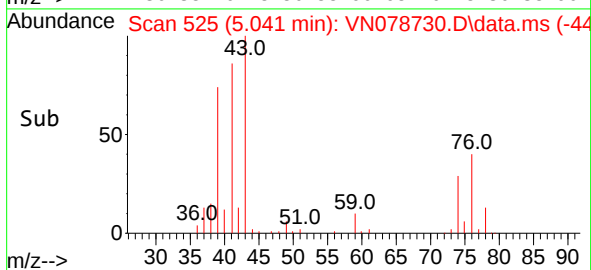
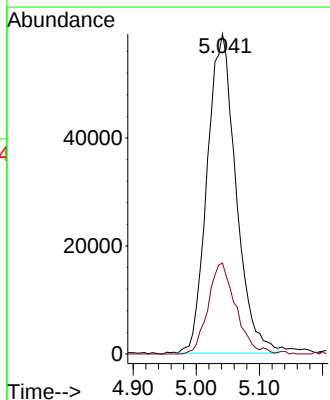
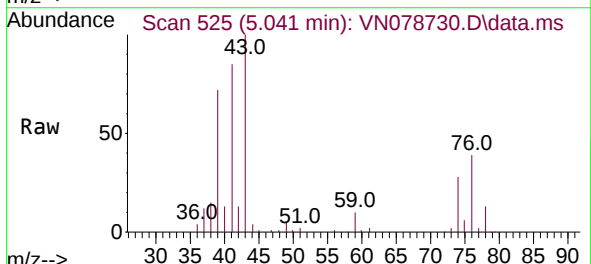
Manual Integrations
APPROVED

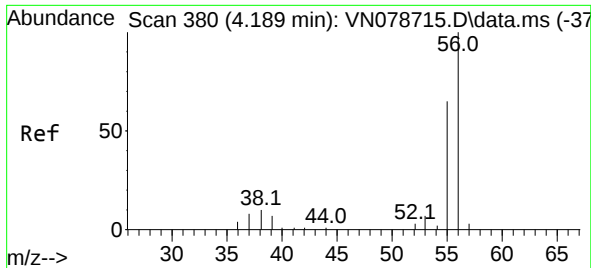
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#12
Methyl Acetate
Concen: 18.373 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

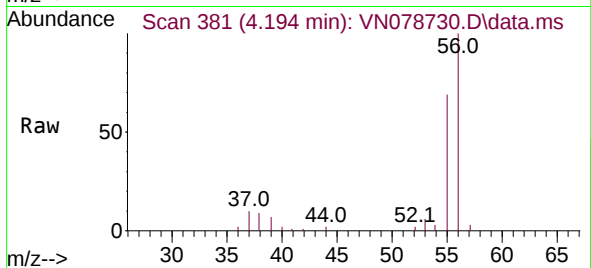
Tgt Ion: 43 Resp: 187700
Ion Ratio Lower Upper
43 100
74 28.5 20.5 30.7





#13
Acrolein
Concen: 87.248 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

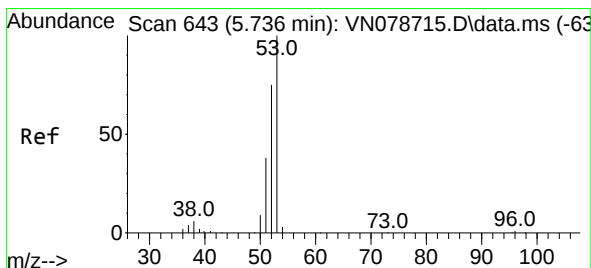
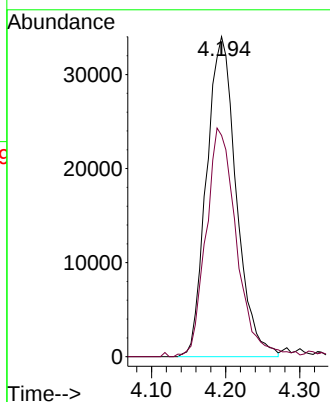
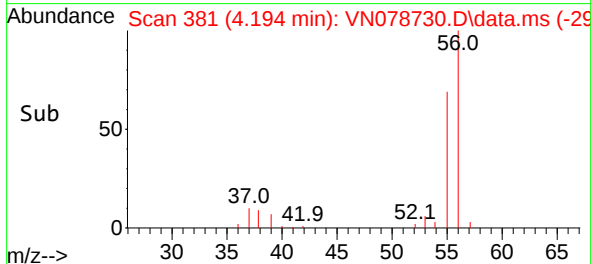
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



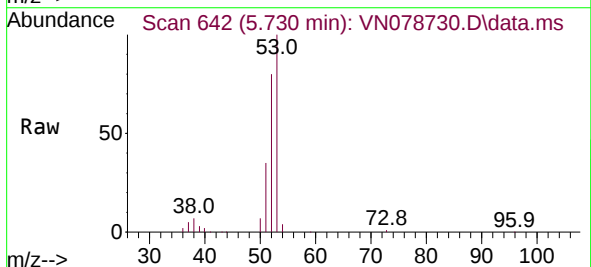
Tgt Ion: 56 Resp: 9491
Ion Ratio Lower Upper
56 100
55 73.0 59.0 88.4

Manual Integrations
APPROVED

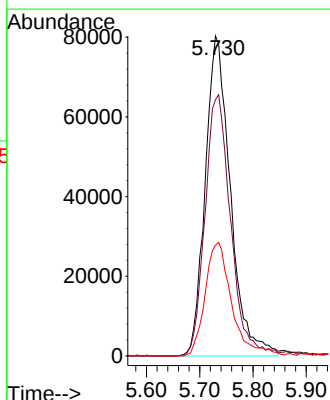
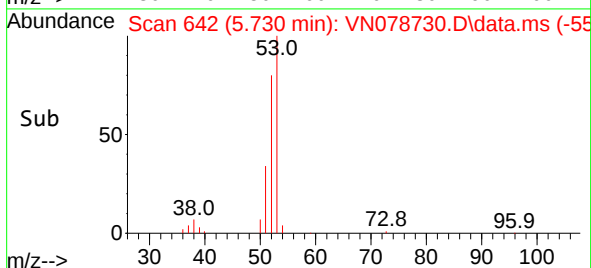
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

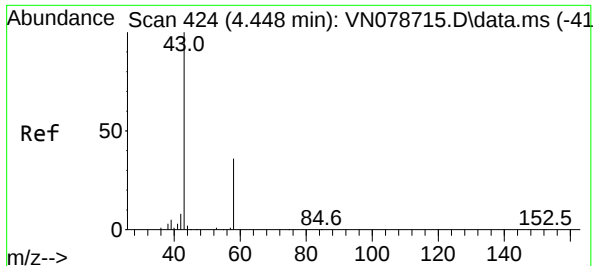


#14
Acrylonitrile
Concen: 88.363 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



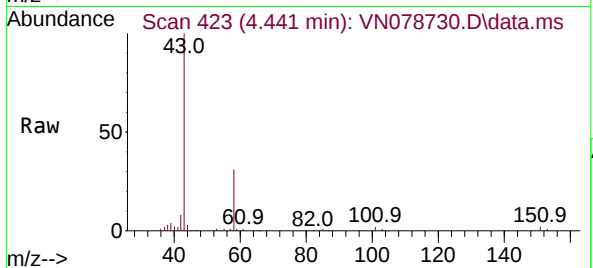
Tgt Ion: 53 Resp: 264340
Ion Ratio Lower Upper
53 100
52 82.1 42.3 126.9
51 36.2 18.4 55.4





#15
Acetone
Concen: 116.715 ug/l
RT: 4.441 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

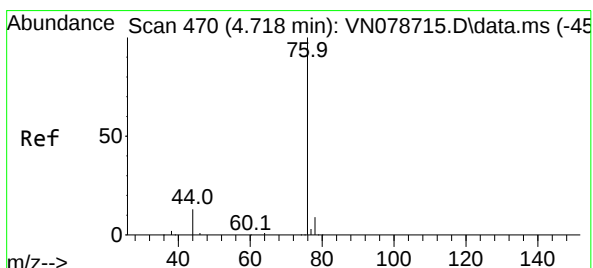
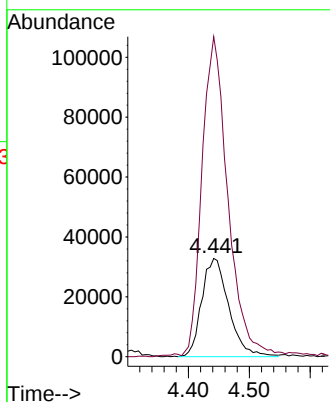
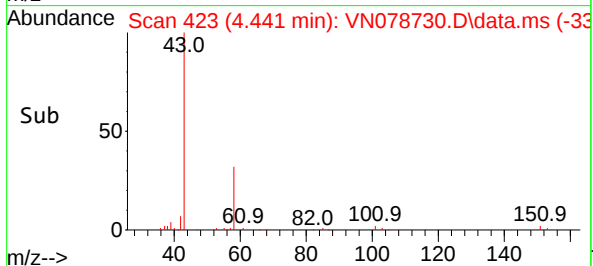
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 58 Resp: 101162
Ion Ratio Lower Upper
58 100
43 323.1 227.5 341.3

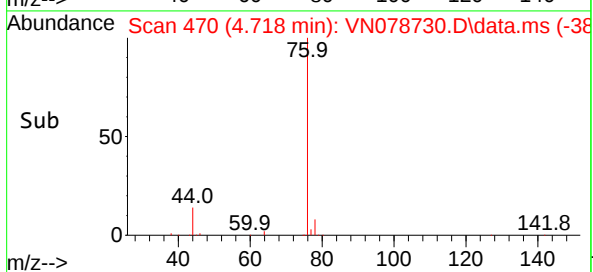
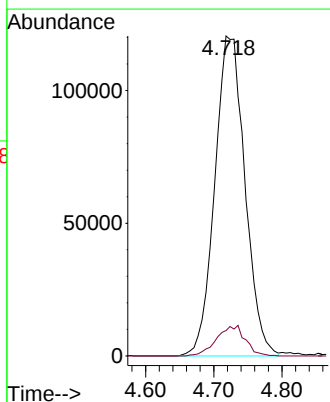
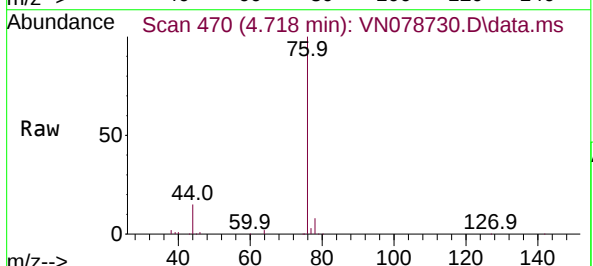
Manual Integrations
APPROVED

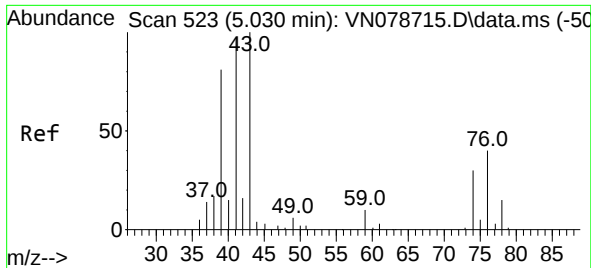
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#16
Carbon Disulfide
Concen: 20.852 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

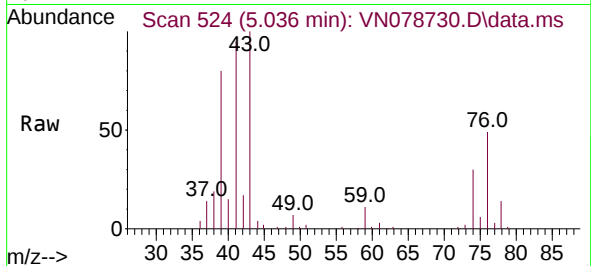
Tgt Ion: 76 Resp: 370987
Ion Ratio Lower Upper
76 100
78 7.9 7.7 11.5





#17
 Allyl chloride
 Concen: 19.580 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02

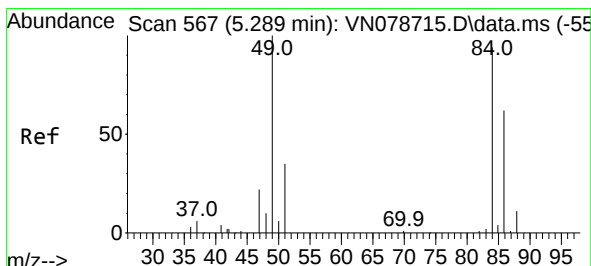
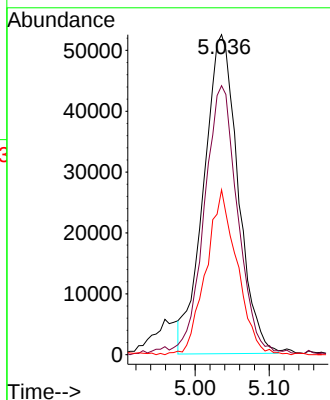
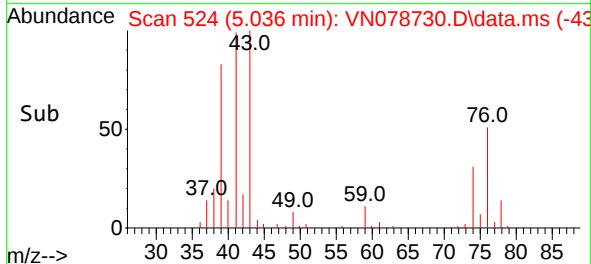
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01



Tgt Ion: 41 Resp: 168384
 Ion Ratio Lower Upper
 41 100
 39 83.9 37.6 112.8
 76 51.5 23.8 71.4

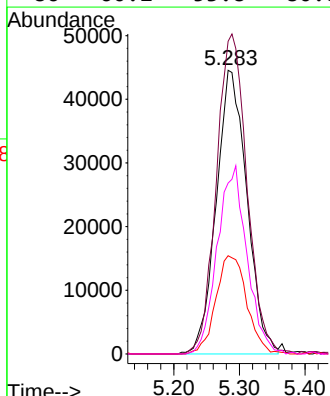
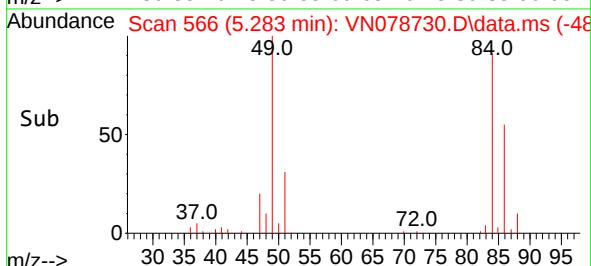
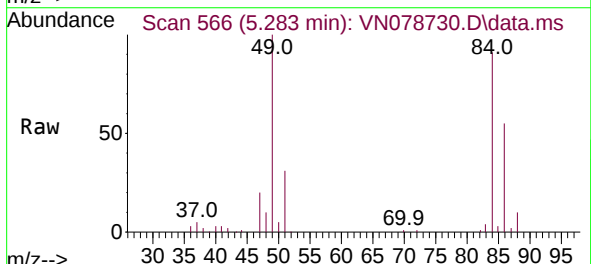
Manual Integrations
 APPROVED

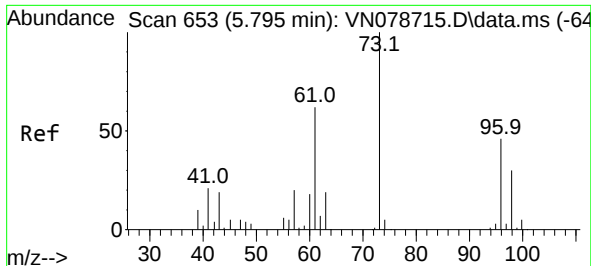
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#18
 Methylene Chloride
 Concen: 19.116 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02

Tgt Ion: 84 Resp: 144447
 Ion Ratio Lower Upper
 84 100
 49 110.2 88.1 132.1
 51 34.6 24.0 36.0
 86 60.2 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 17.906 ug/l

RT: 5.800 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN078730.D

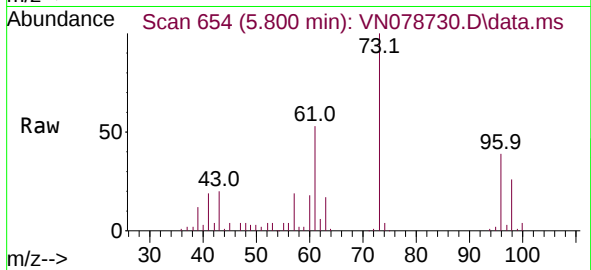
Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01



Tgt Ion: 96 Resp: 130392

Ion Ratio Lower Upper

96 100

61 134.2 105.2 157.8

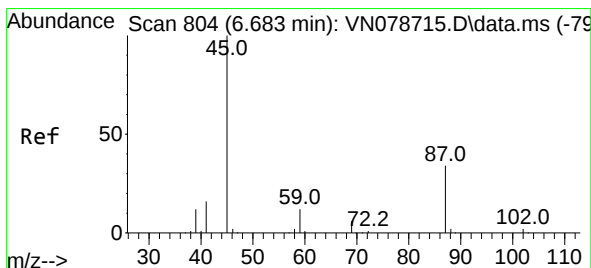
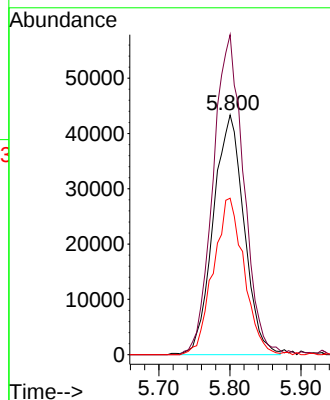
98 65.6 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#20

Diisopropyl ether

Concen: 19.416 ug/l

RT: 6.682 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Tgt Ion: 45 Resp: 375965

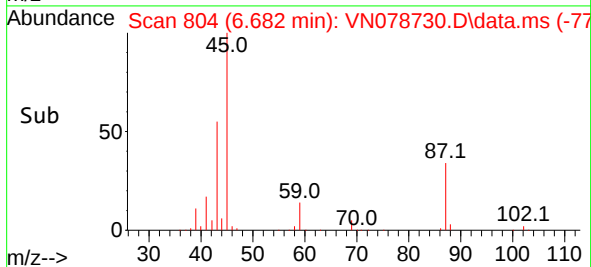
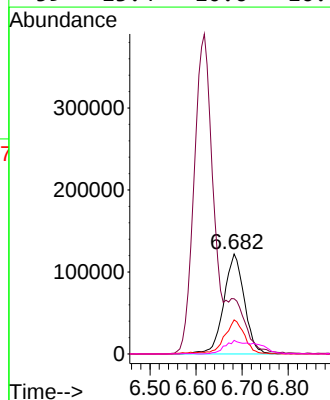
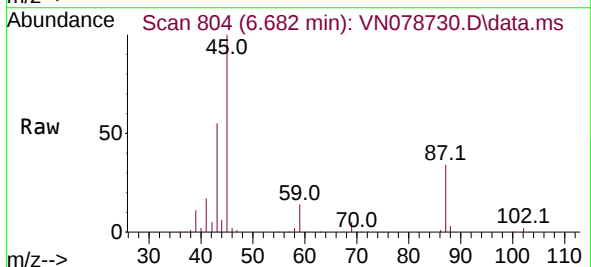
Ion Ratio Lower Upper

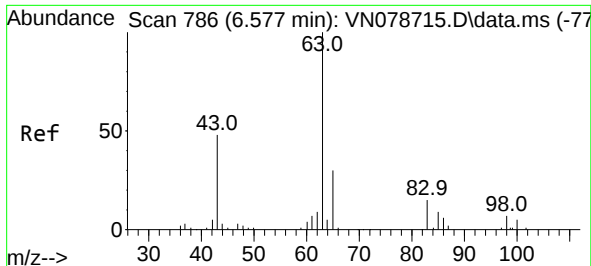
45 100

43 53.8 43.6 65.4

87 33.9 25.8 38.6

59 13.4 10.6 16.0





#21

1,1-Dichloroethane

Concen: 19.157 ug/l

RT: 6.582 min Scan# 786

Delta R.T. 0.006 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

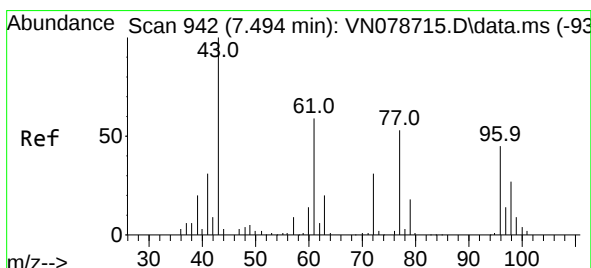
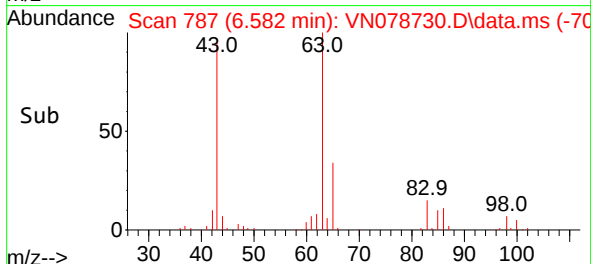
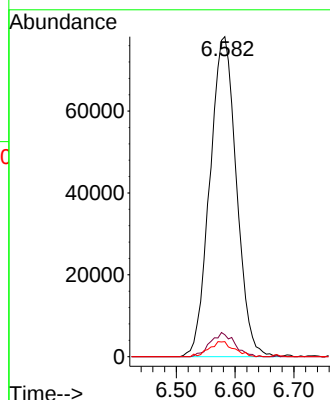
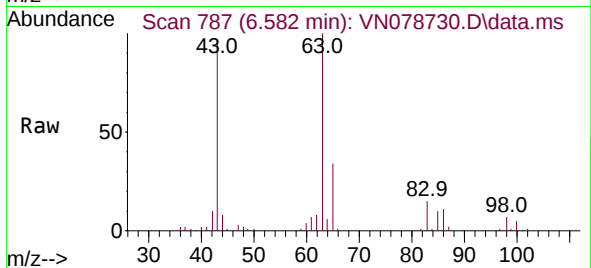
Tgt Ion:	63	Resp:	24562
Ion Ratio	Lower	Upper	
63	100		
98	6.8	2.7	8.1
100	4.7	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#22

cis-1,2-Dichloroethene

Concen: 19.448 ug/l

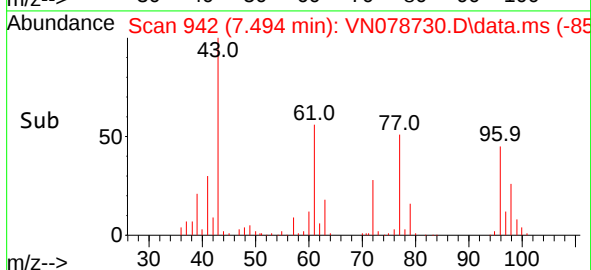
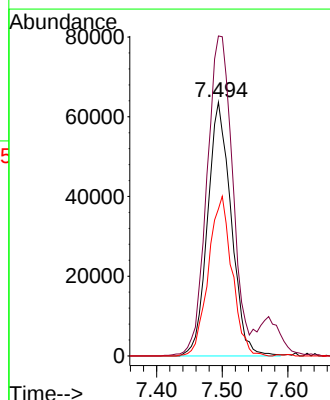
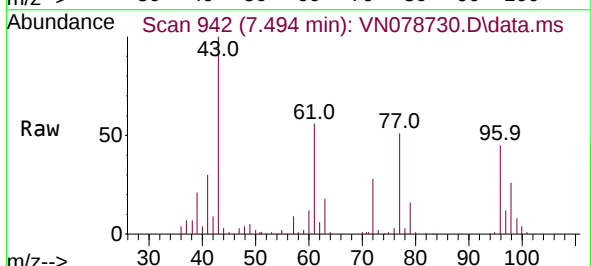
RT: 7.494 min Scan# 942

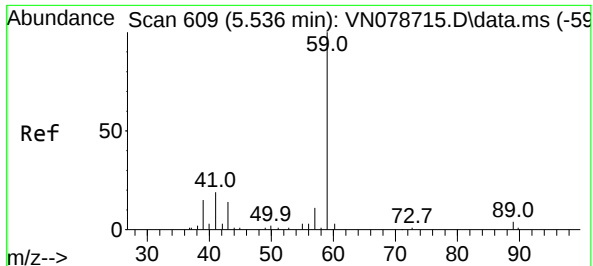
Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Tgt Ion:	96	Resp:	159056
Ion Ratio	Lower	Upper	
96	100		
61	137.0	113.8	170.6
98	62.7	52.2	78.4





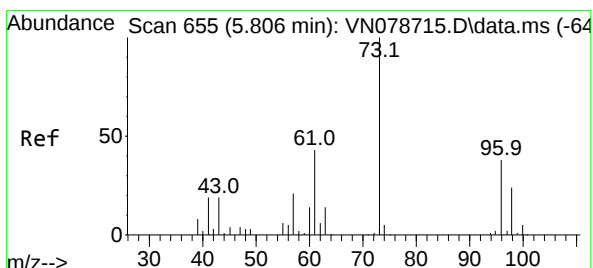
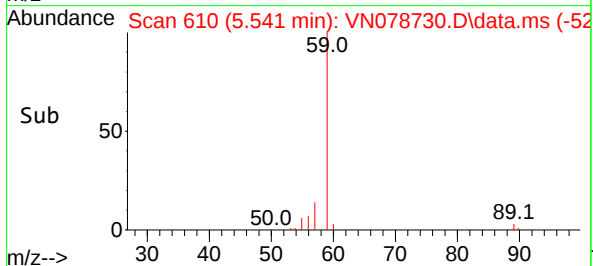
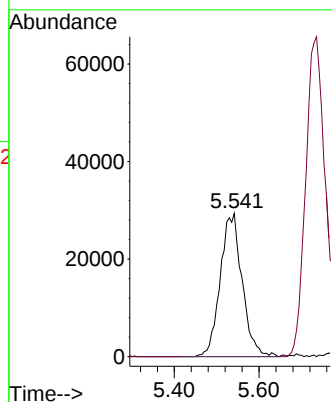
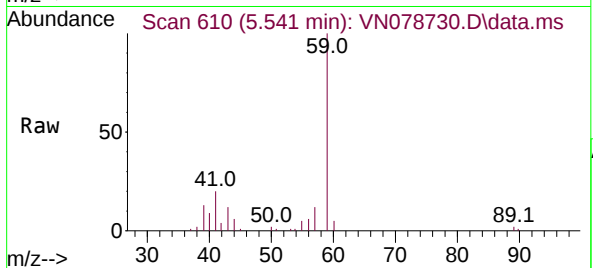
#23
tert-Butyl Alcohol
Concen: 86.088 ug/l m
RT: 5.541 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion: 59 Resp: 105235
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.15

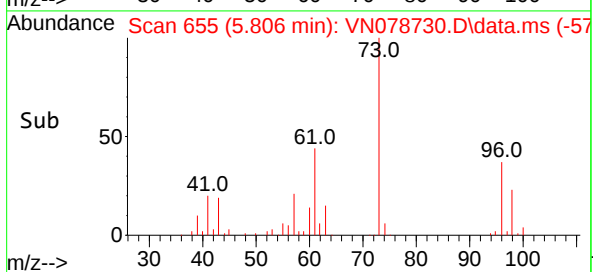
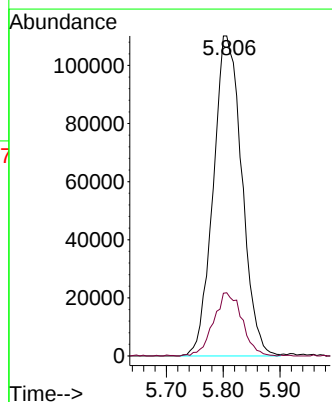
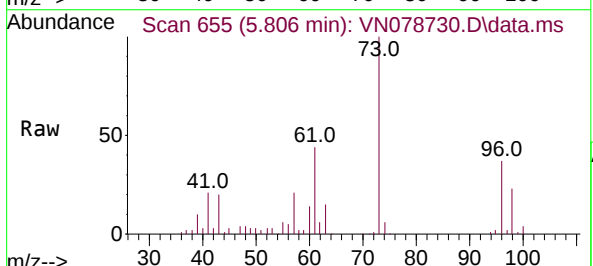
Manual Integrations
APPROVED

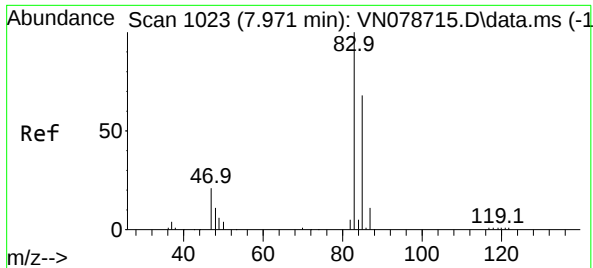
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#24
Methyl tert-Butyl Ether
Concen: 18.185 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Tgt Ion: 73 Resp: 385146
Ion Ratio Lower Upper
73 100
43 13.4 14.5 21.7%





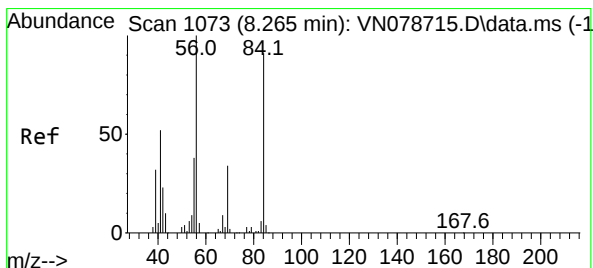
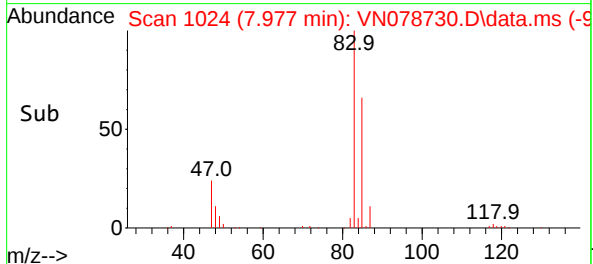
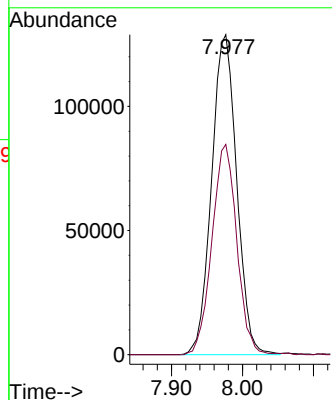
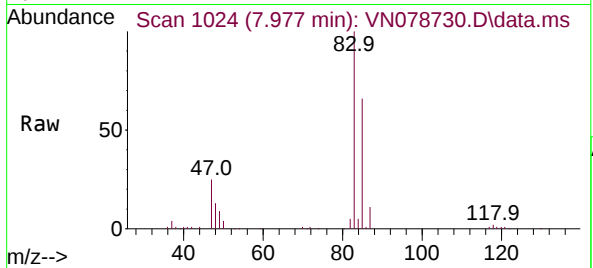
#25
Chloroform
Concen: 23.320 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion: 83 Resp: 31655
Ion Ratio Lower Upper
83 100
85 65.7 53.4 80.0

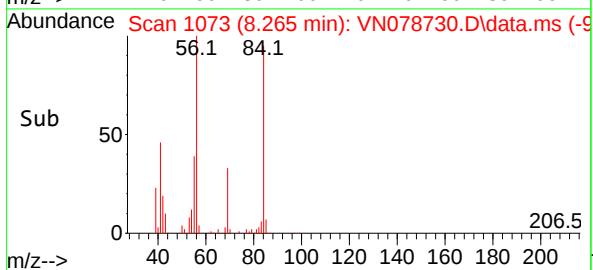
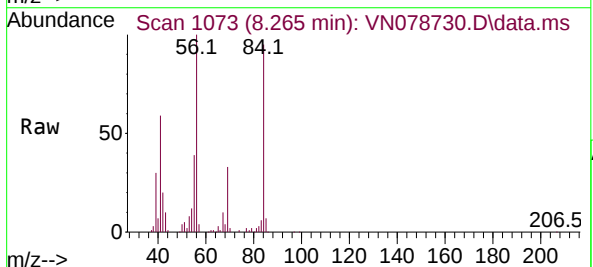
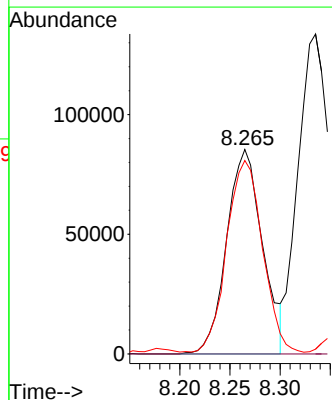
Manual Integrations
APPROVED

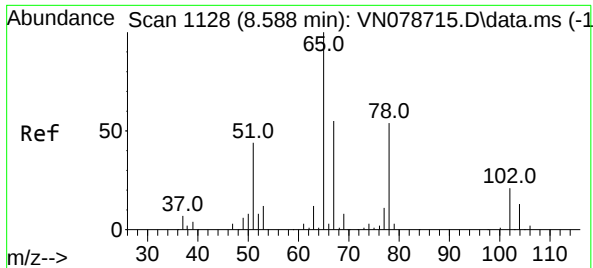
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#26
Cyclohexane
Concen: 22.520 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

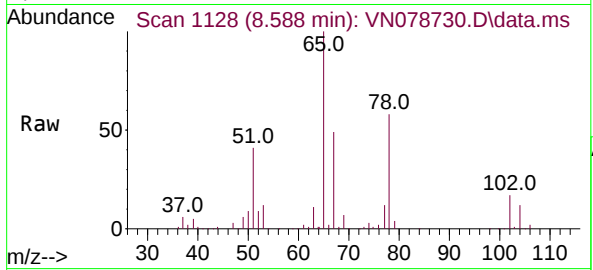
Tgt Ion: 56 Resp: 212688
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 95.4 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 33.106 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

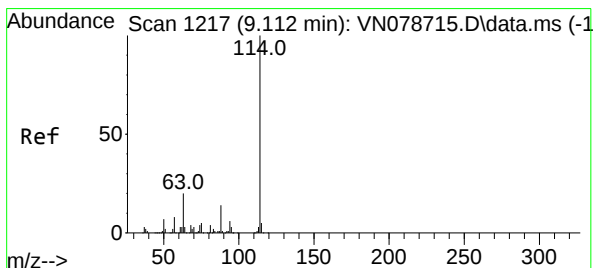
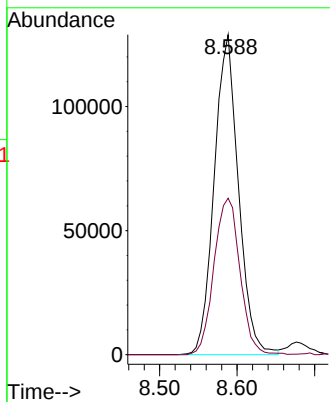
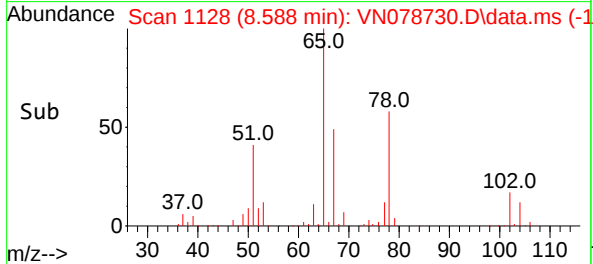
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



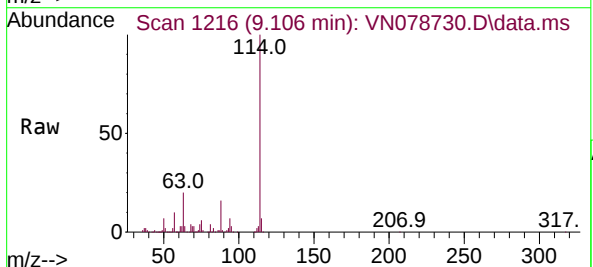
Tgt Ion: 65 Resp: 280550
Ion Ratio Lower Upper
65 100
67 52.5 42.9 64.3

Manual Integrations
APPROVED

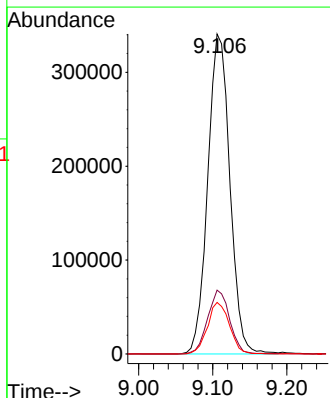
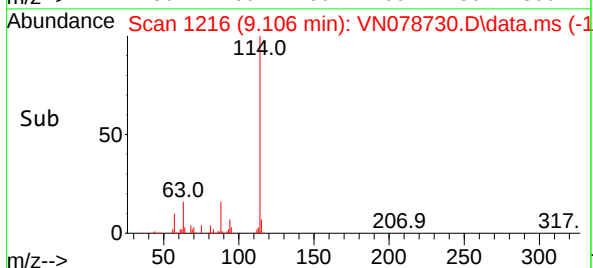
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

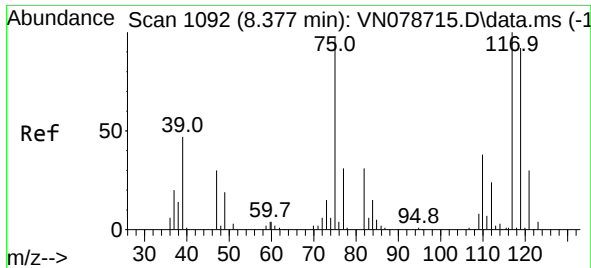


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



Tgt Ion:114 Resp: 707188
Ion Ratio Lower Upper
114 100
63 19.7 15.2 22.8
88 15.9 12.5 18.7





#29

1,1-Dichloropropene

Concen: 21.324 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

Tgt Ion: 75 Resp: 221890

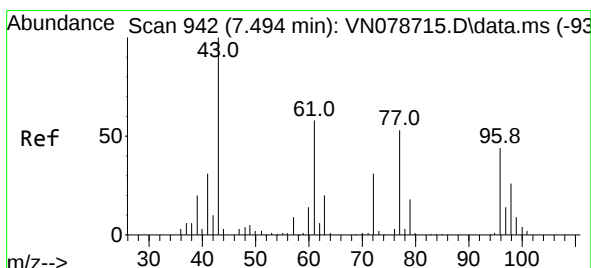
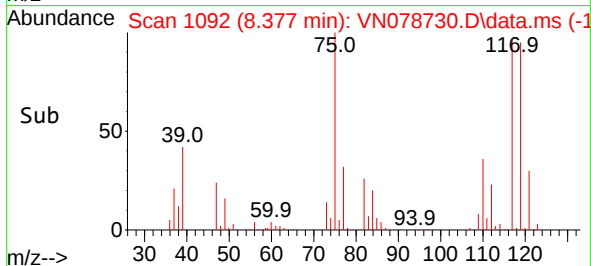
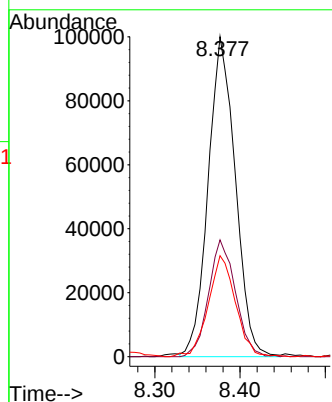
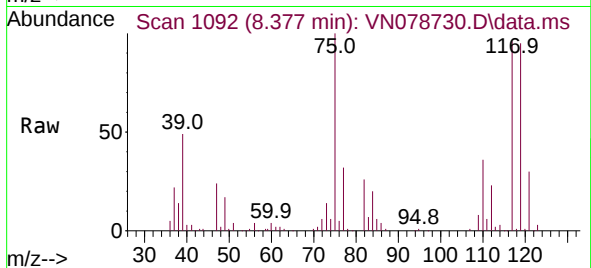
Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	72.2
77	31.1	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#30

2-Butanone

Concen: 86.692 ug/l

RT: 7.494 min Scan# 942

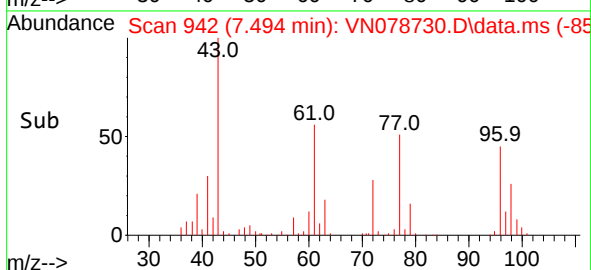
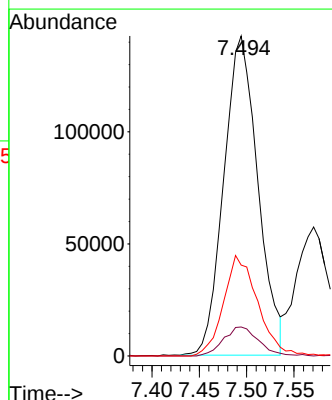
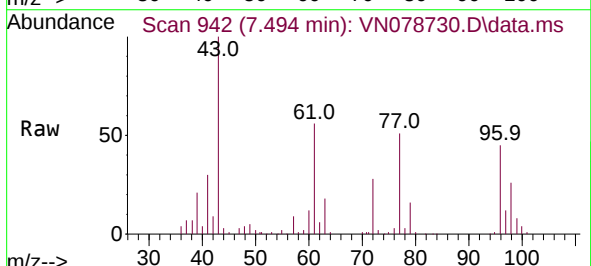
Delta R.T. -0.000 min

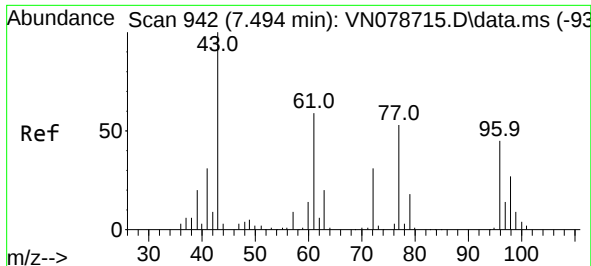
Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Tgt Ion: 43 Resp: 356607

Ion	Ratio	Lower	Upper
43	100		
57	9.3	6.8	10.2
72	31.7	23.8	35.6





#31

2,2-Dichloropropane

Concen: 18.196 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.012 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

Tgt Ion: 77 Resp: 21726

Ion Ratio Lower Upper

77 100

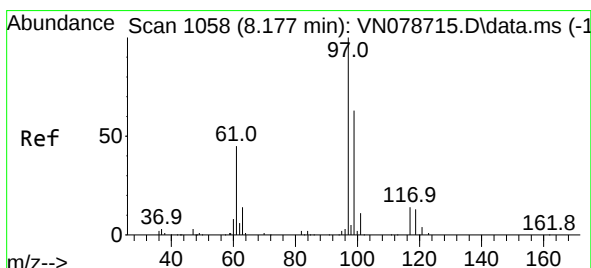
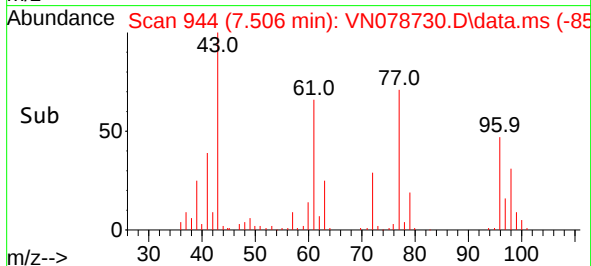
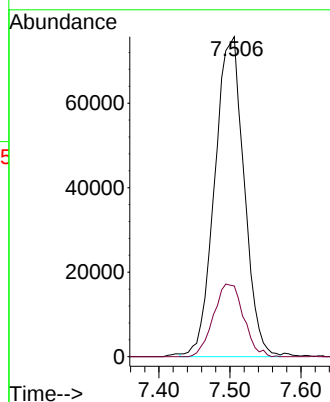
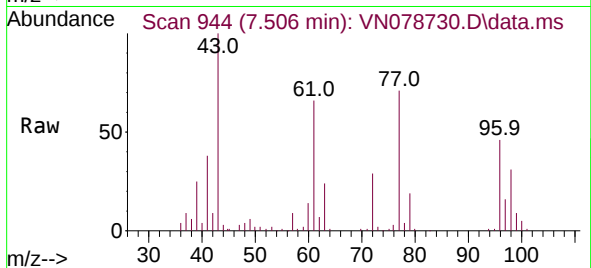
97 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#32

1,1,1-Trichloroethane

Concen: 22.396 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

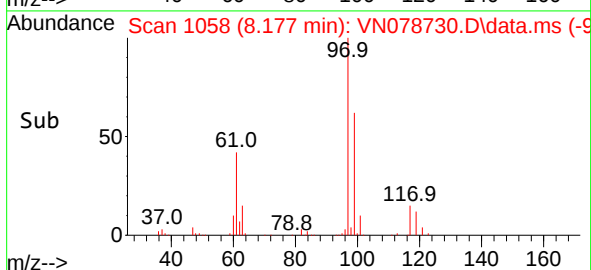
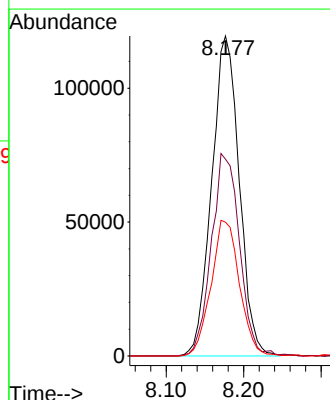
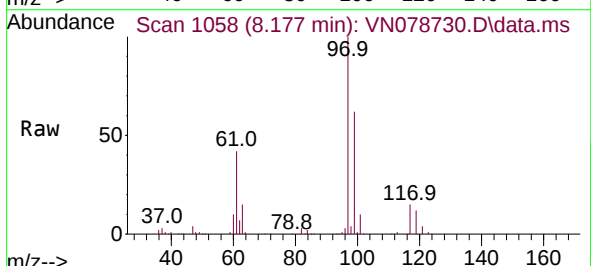
Tgt Ion: 97 Resp: 294852

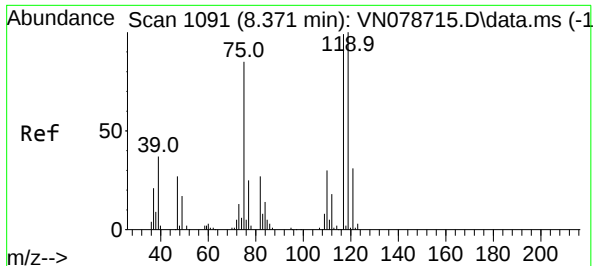
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

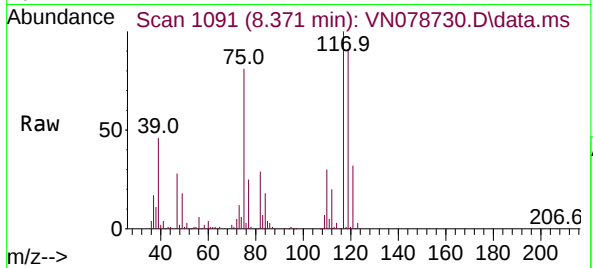
61 43.7 34.6 52.0





#33
Carbon Tetrachloride
Concen: 21.615 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

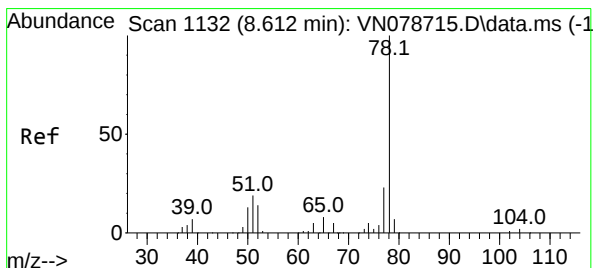
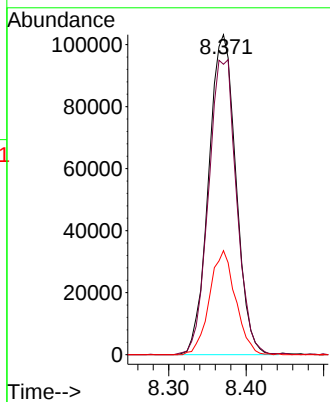
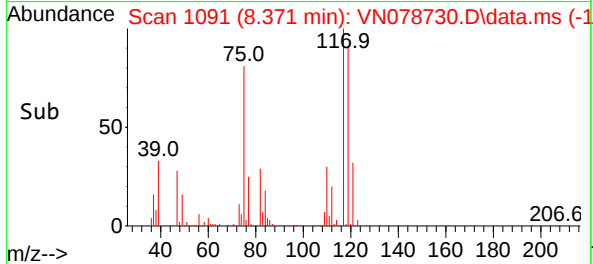
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 117 Resp: 252748
Ion Ratio Lower Upper
117 100
119 90.4 81.4 122.0
121 32.5 23.6 35.4

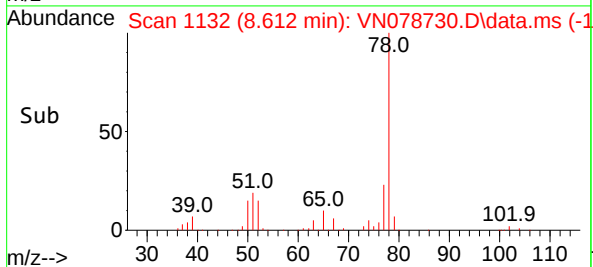
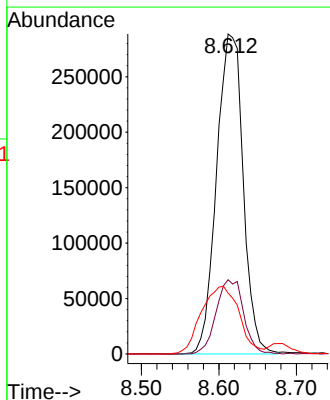
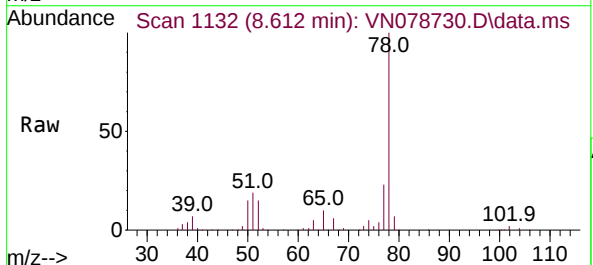
Manual Integrations
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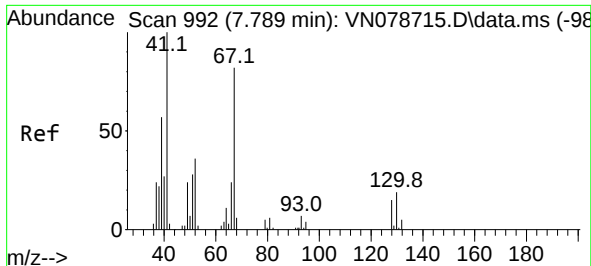
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#34
Benzene
Concen: 22.037 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

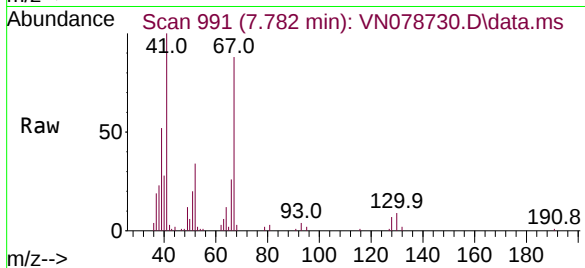
Tgt Ion: 78 Resp: 688835
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5
51 18.6 13.7 20.5





#35
Methacrylonitrile
Concen: 18.351 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

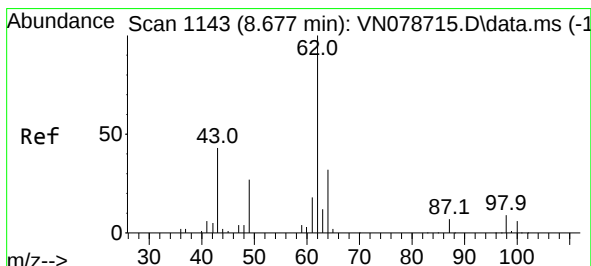
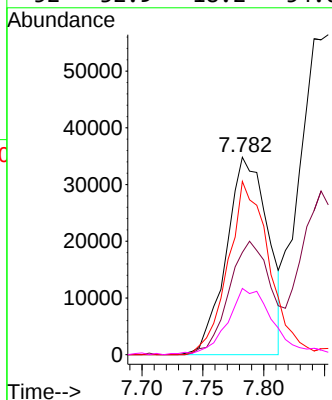
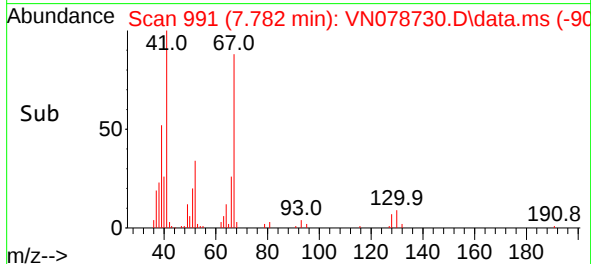
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 41 Resp: 82890
Ion Ratio Lower Upper
41 100
39 51.8 33.9 101.6
67 87.8 45.9 137.6
52 32.9 18.2 54.6

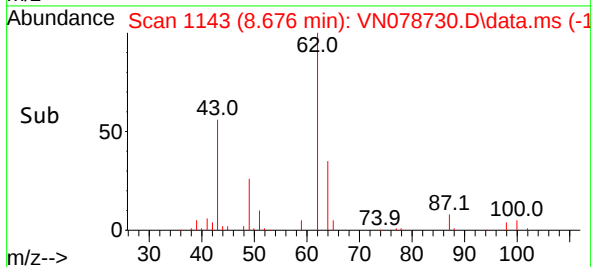
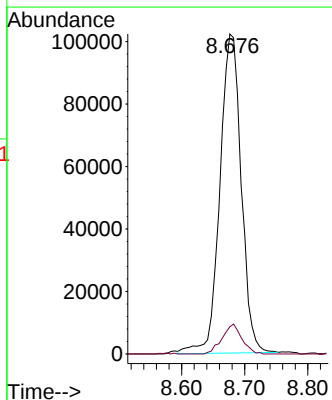
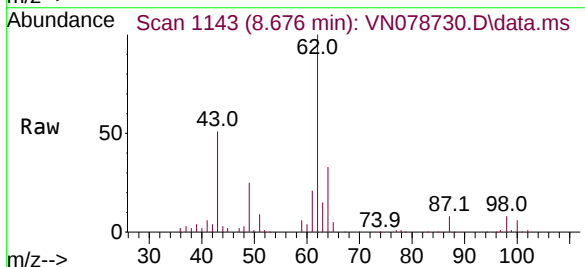
Manual Integrations
APPROVED

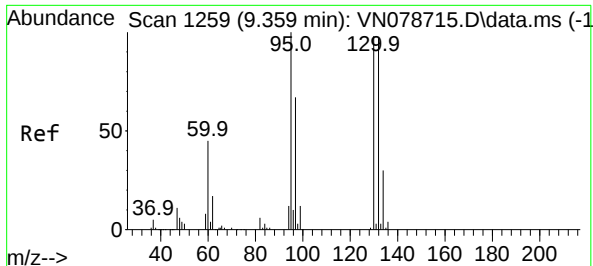
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#36
1,2-Dichloroethane
Concen: 21.815 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Tgt Ion: 62 Resp: 239483
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0





#37

Trichloroethene

Concen: 17.702 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

Tgt Ion:130 Resp: 15527

Ion Ratio Lower Upper

130 100

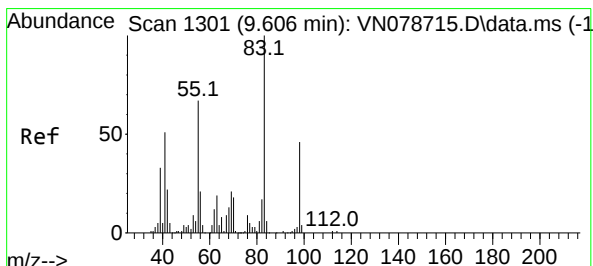
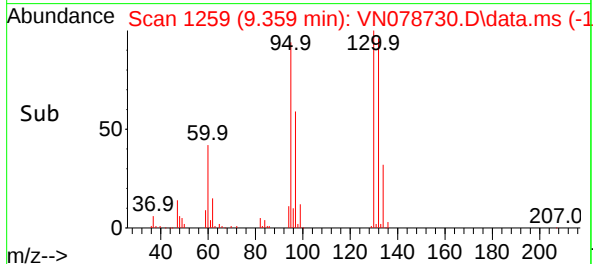
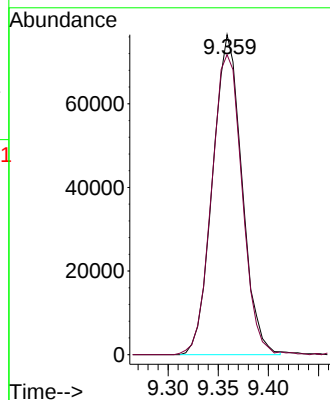
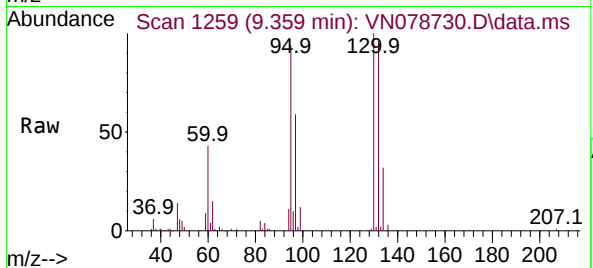
95 93.3 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#38

Methylcyclohexane

Concen: 17.142 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

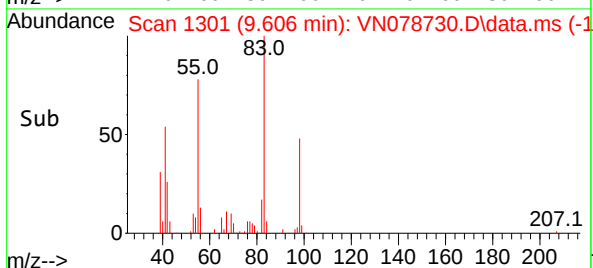
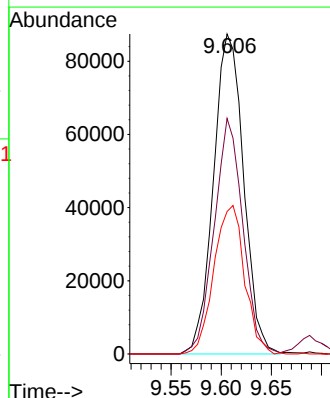
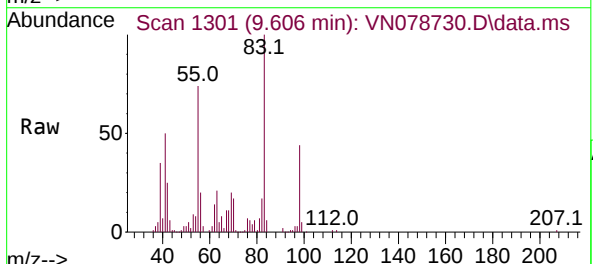
Tgt Ion: 83 Resp: 183280

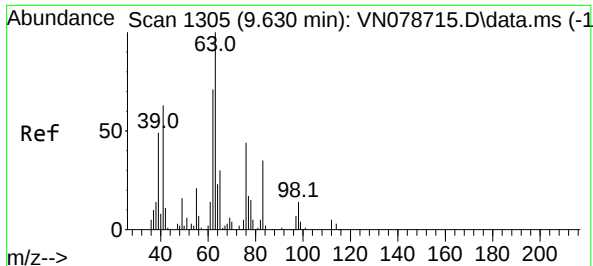
Ion Ratio Lower Upper

83 100

55 69.8 34.0 102.0

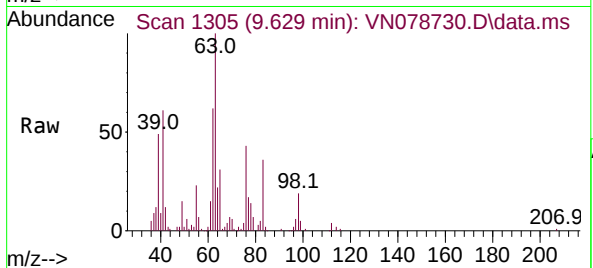
98 46.9 23.0 69.0





#39
1,2-Dichloropropane
Concen: 17.202 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

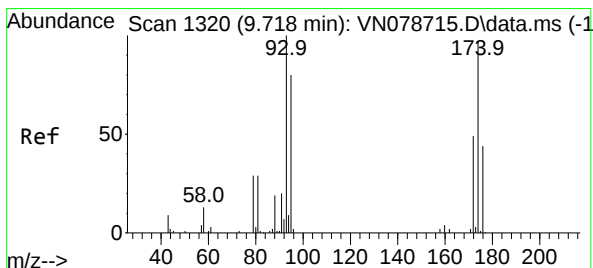
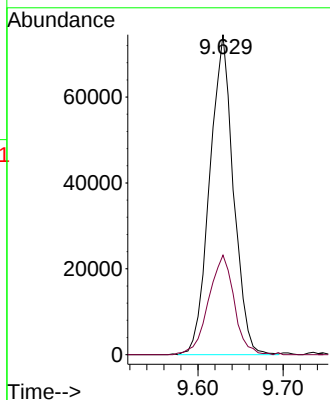
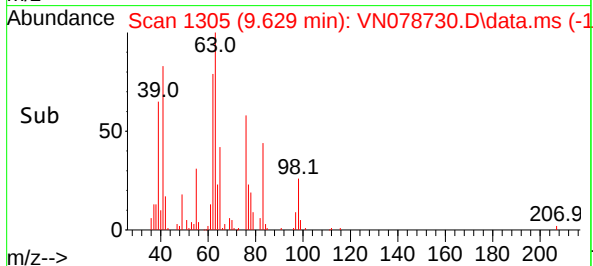
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 63 Resp: 144144
Ion Ratio Lower Upper
63 100
65 30.6 27.4 41.2

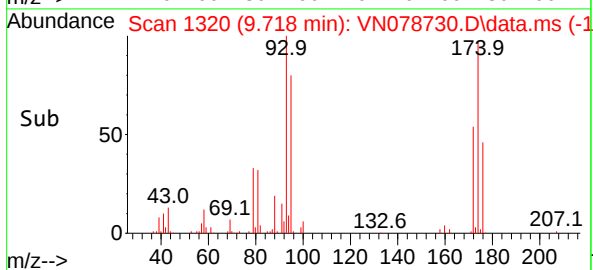
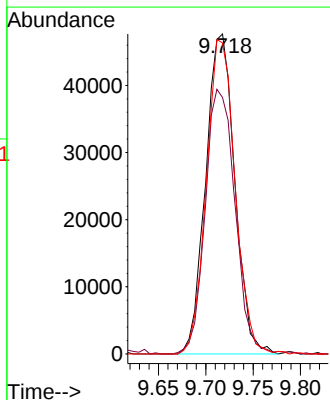
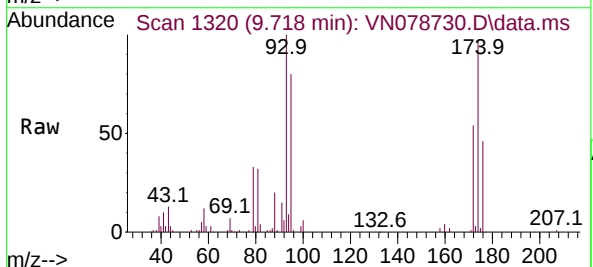
Manual Integrations
APPROVED

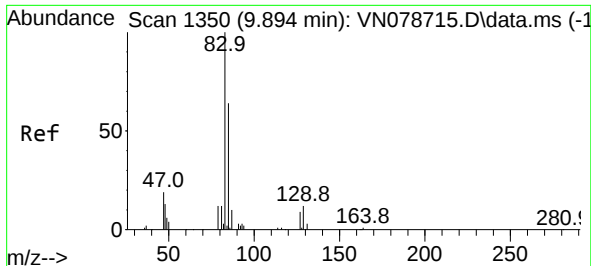
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#40
Dibromomethane
Concen: 17.542 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

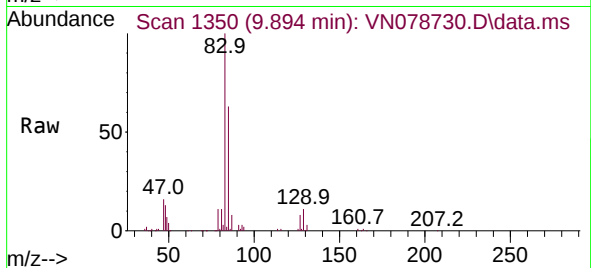
Tgt Ion: 93 Resp: 101738
Ion Ratio Lower Upper
93 100
95 84.6 0.0 167.8
174 96.8 0.0 180.8





#41
Bromodichloromethane
Concen: 17.988 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

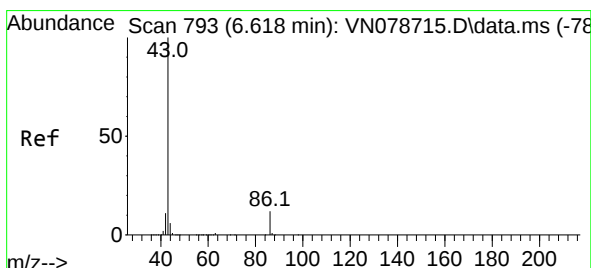
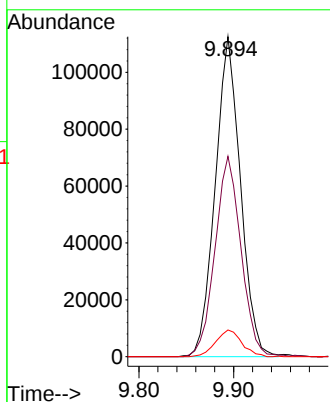
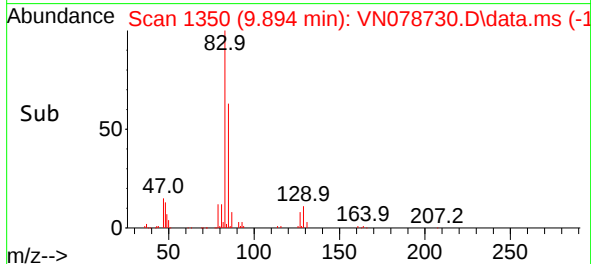
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 83 Resp: 208564
Ion Ratio Lower Upper
83 100
85 62.6 54.1 81.1
127 9.1 7.8 11.6

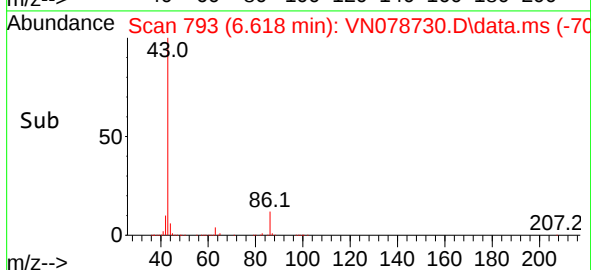
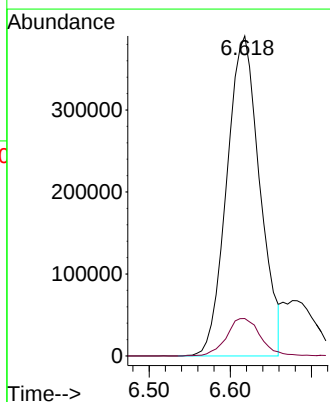
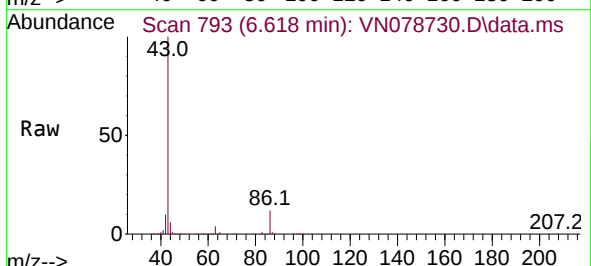
Manual Integrations
APPROVED

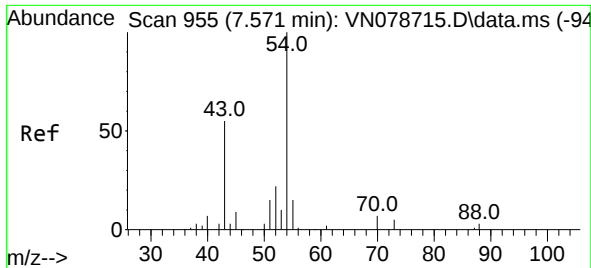
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#42
Vinyl Acetate
Concen: 83.327 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

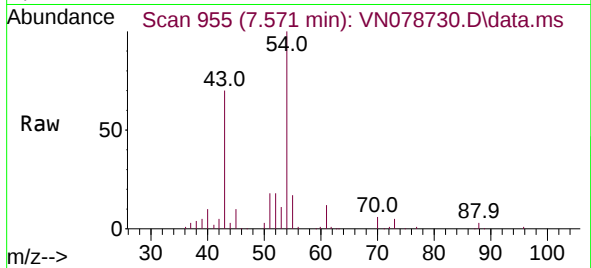
Tgt Ion: 43 Resp: 1101987
Ion Ratio Lower Upper
43 100
86 12.0 9.4 14.0





#43
Ethyl Acetate
Concen: 15.712 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

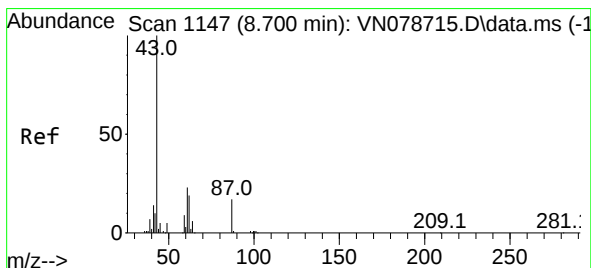
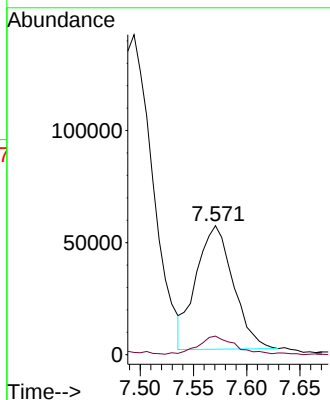
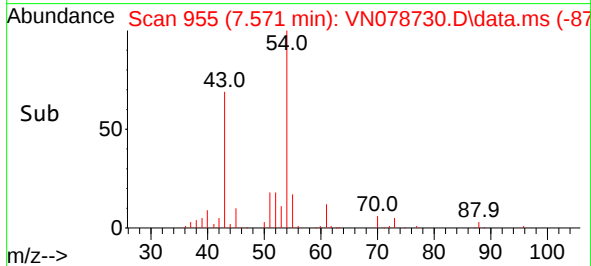
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



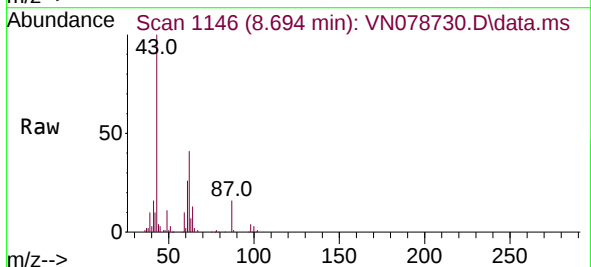
Tgt Ion: 43 Resp: 133610
Ion Ratio Lower Upper
43 100
45 15.0 10.9 16.3

Manual Integrations
APPROVED

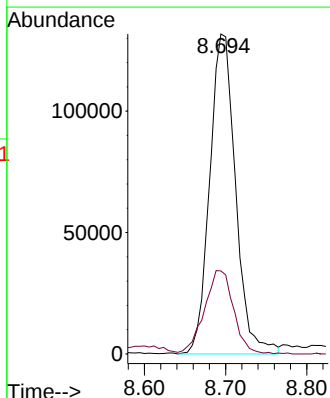
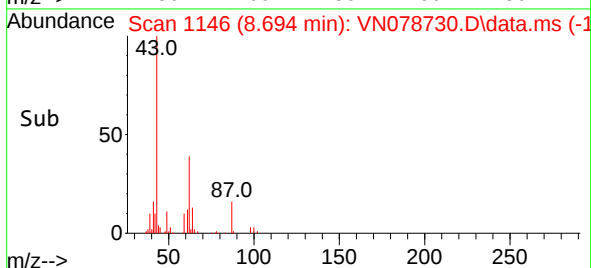
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

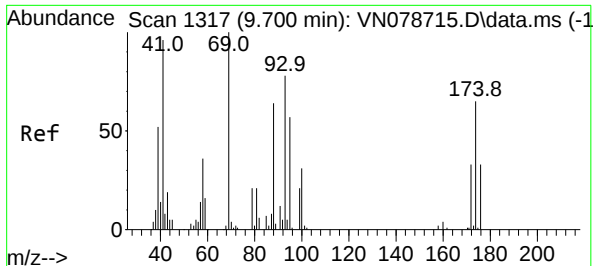


#44
Isopropyl Acetate
Concen: 19.565 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



Tgt Ion: 43 Resp: 291922
Ion Ratio Lower Upper
43 100
61 28.6 23.0 34.6





#45

1,4-Dioxane

Concen: 315.078 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

Tgt Ion: 88 Resp: 4324

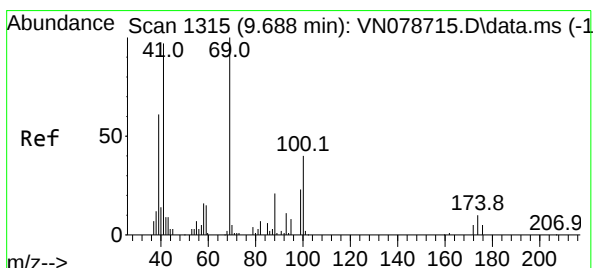
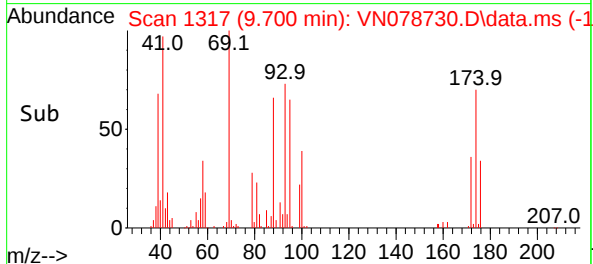
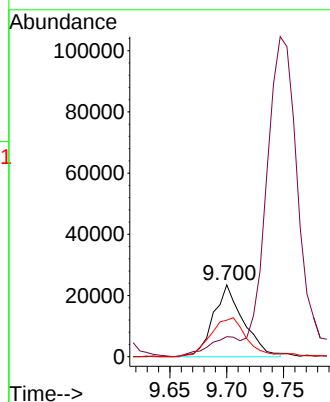
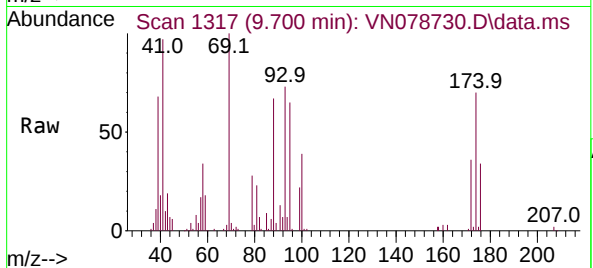
Ion	Ratio	Lower	Upper
88	100		
43	29.4	19.0	28.6
58	63.3	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#46

Methyl methacrylate

Concen: 16.620 ug/l

RT: 9.688 min Scan# 1315

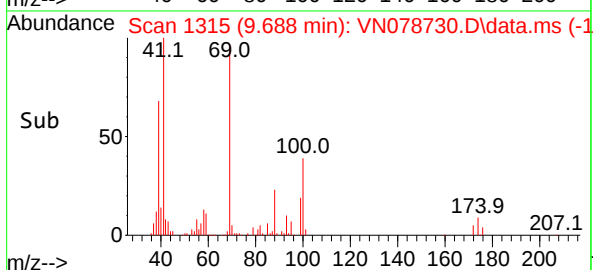
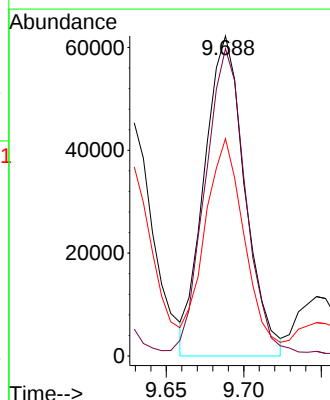
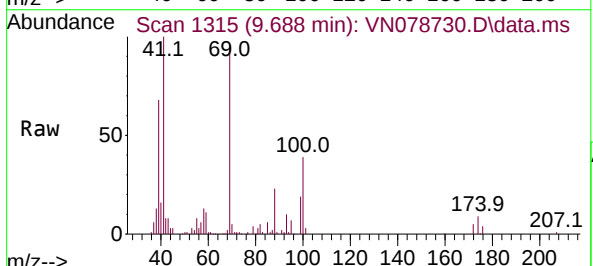
Delta R.T. -0.000 min

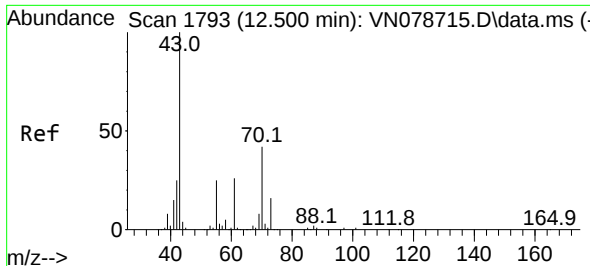
Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Tgt Ion: 41 Resp: 113559

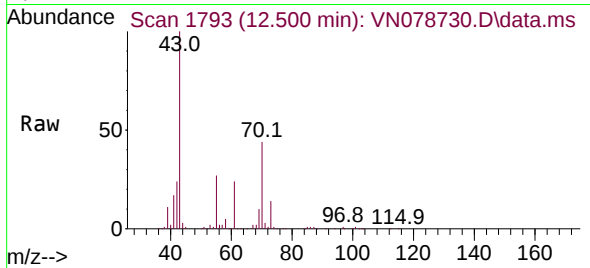
Ion	Ratio	Lower	Upper
41	100		
69	98.2	49.0	147.0
39	67.3	31.6	94.8





#47
n-amy1 Acetate
Concen: 16.639 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

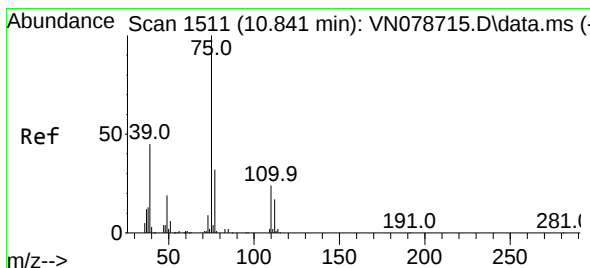
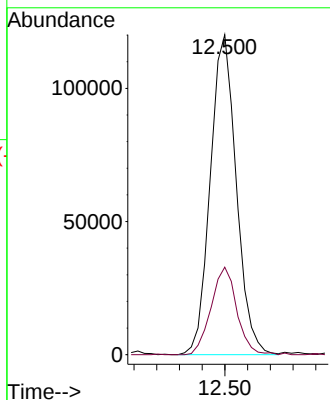
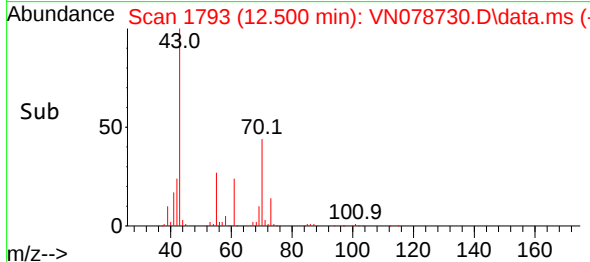
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



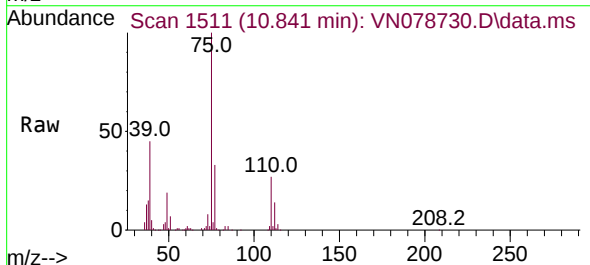
Tgt Ion: 43 Resp: 19120
Ion Ratio Lower Upper
43 100
55 26.8 21.5 32.3

Manual Integrations
APPROVED

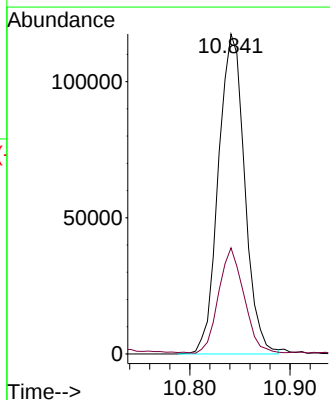
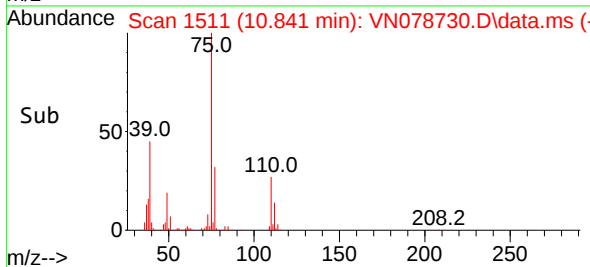
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

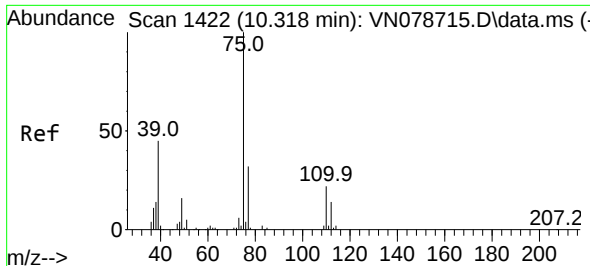


#48
t-1,3-Dichloropropene
Concen: 17.295 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



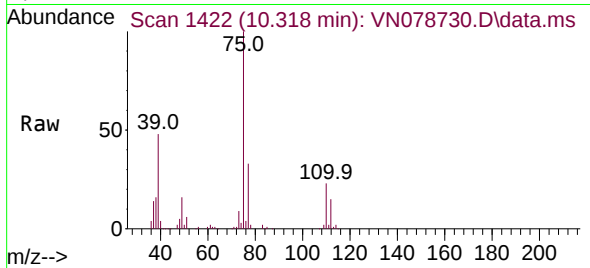
Tgt Ion: 75 Resp: 214028
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 17.924 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02

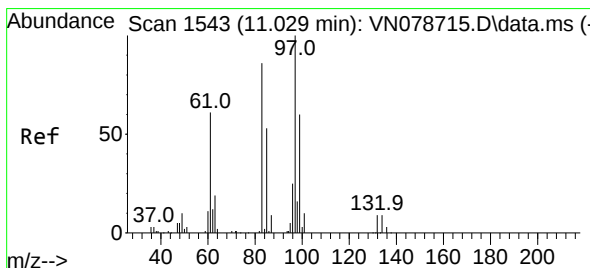
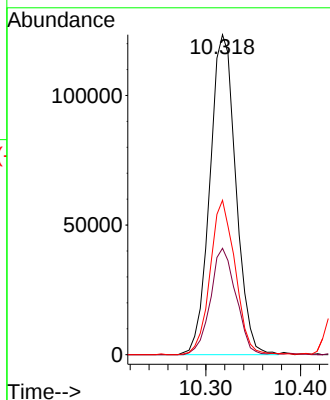
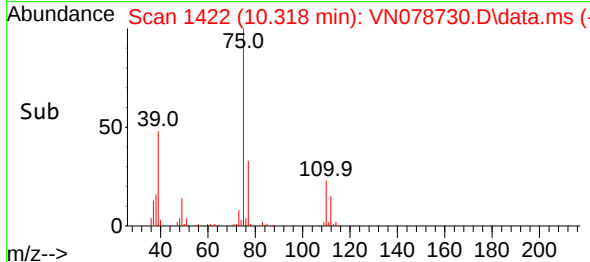
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01



Tgt Ion: 75 Resp: 235589
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.0 36.0
 39 48.3 35.1 52.7

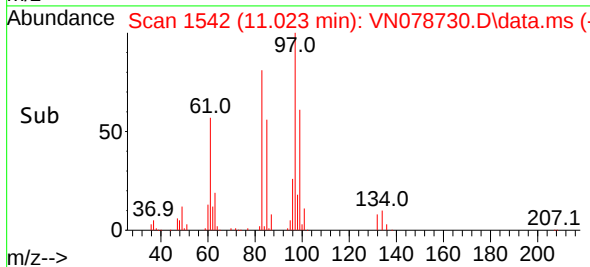
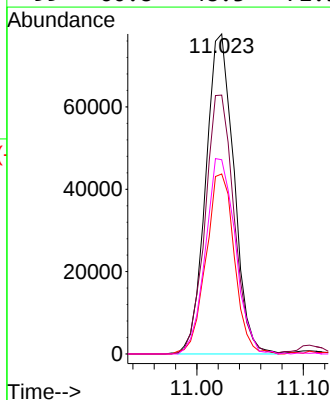
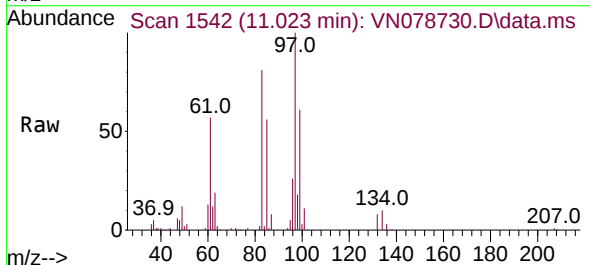
Manual Integrations
 APPROVED

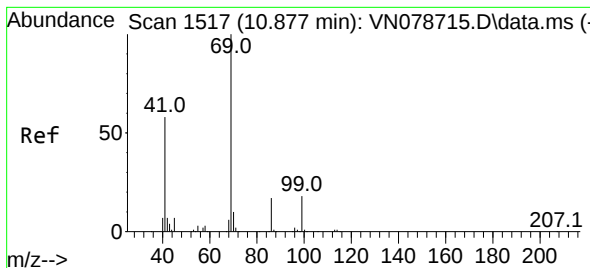
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#50
 1,1,2-Trichloroethane
 Concen: 17.413 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02

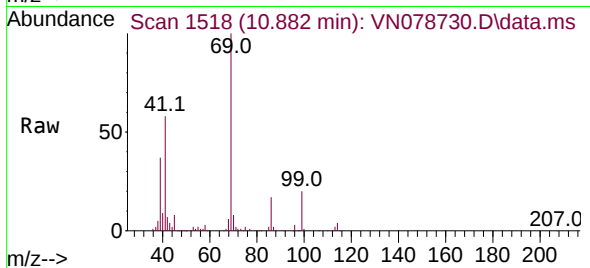
Tgt Ion: 97 Resp: 142955
 Ion Ratio Lower Upper
 97 100
 83 80.7 66.8 100.2
 85 56.4 42.5 63.7
 99 60.8 48.3 72.5





#51
Ethyl methacrylate
Concen: 17.128 ug/l
RT: 10.882 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

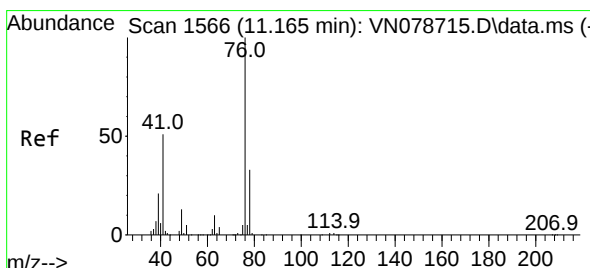
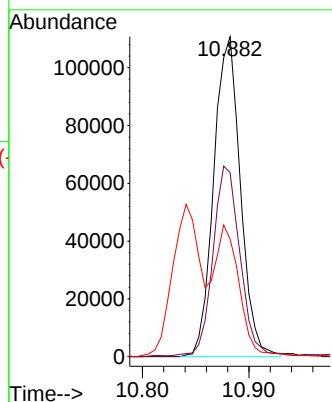
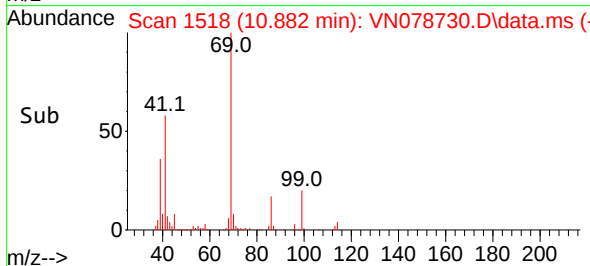
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



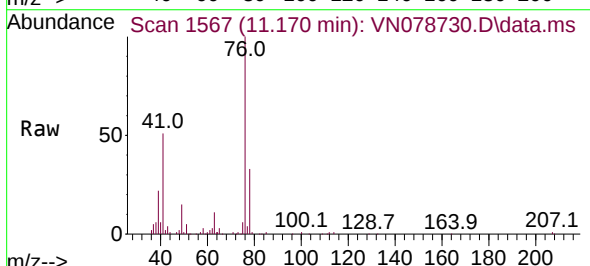
Tgt Ion: 69 Resp: 19251
Ion Ratio Lower Upper
69 100
41 56.8 26.0 78.0
39 35.8 16.3 48.9

Manual Integrations
APPROVED

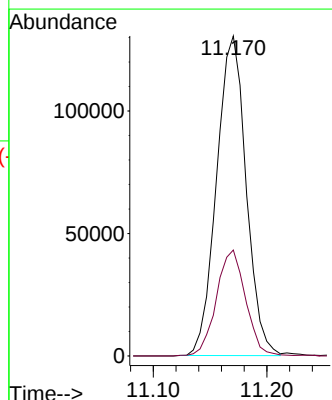
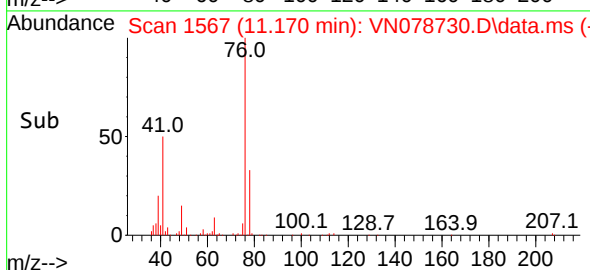
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

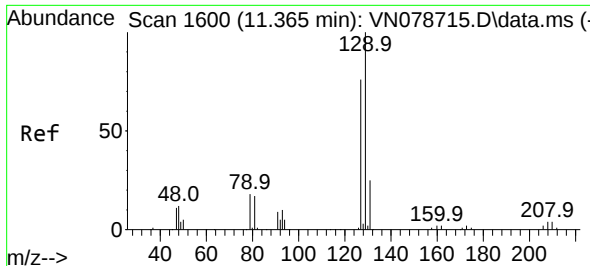


#52
1,3-Dichloropropane
Concen: 15.972 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



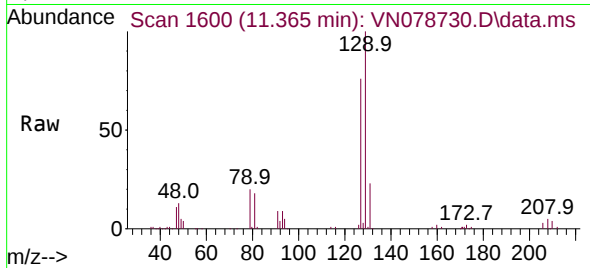
Tgt Ion: 76 Resp: 235681
Ion Ratio Lower Upper
76 100
78 32.8 0.0 66.2





#53
Dibromochloromethane
Concen: 17.436 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

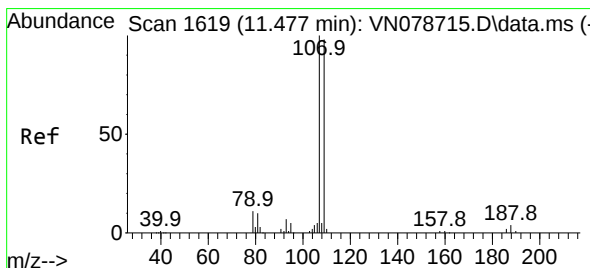
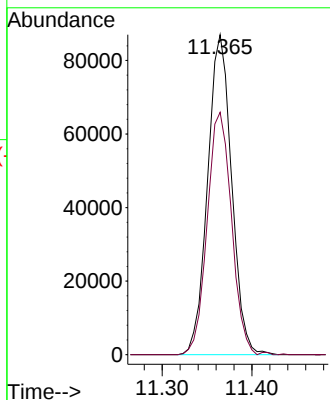
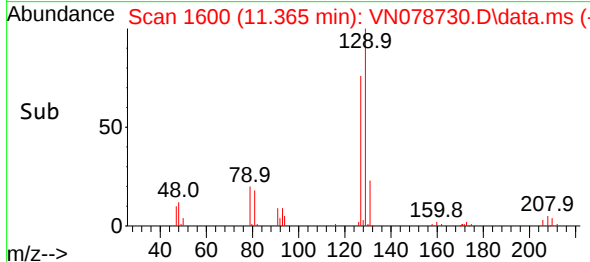
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



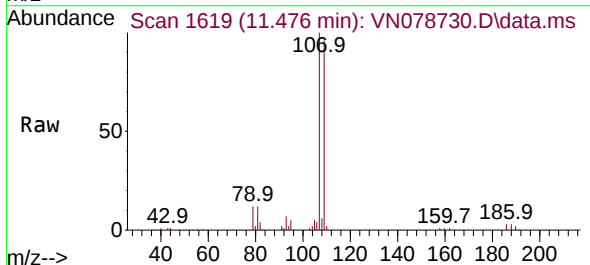
Tgt Ion:129 Resp: 161700
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.1

Manual Integrations
APPROVED

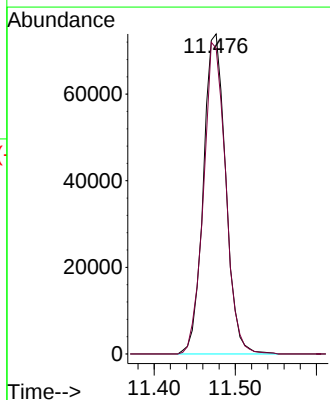
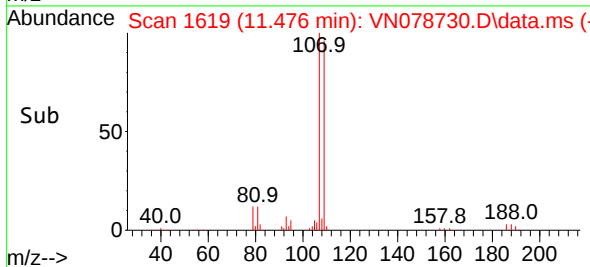
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

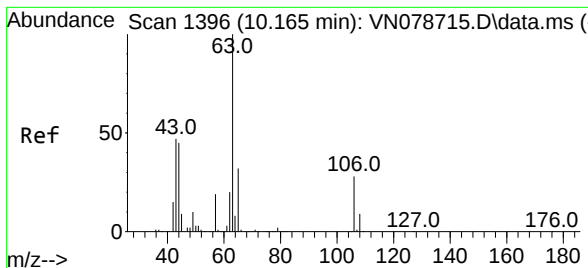


#54
1,2-Dibromoethane
Concen: 17.085 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



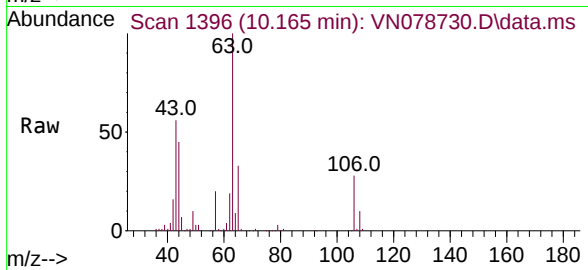
Tgt Ion:107 Resp: 140842
Ion Ratio Lower Upper
107 100
109 96.9 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 100.017 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

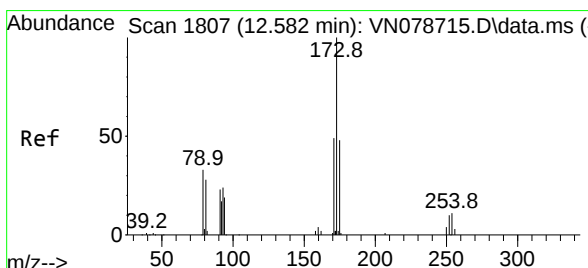
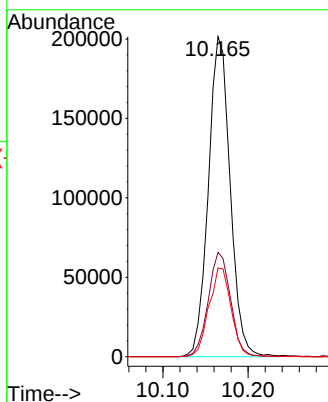
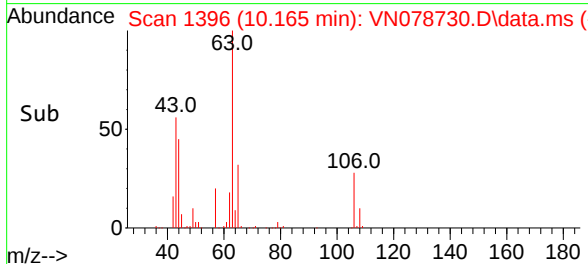
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 63 Resp: 358220
Ion Ratio Lower Upper
63 100
65 33.2 26.3 39.5
106 28.3 23.8 35.6

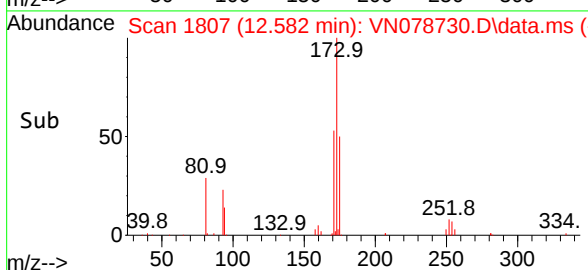
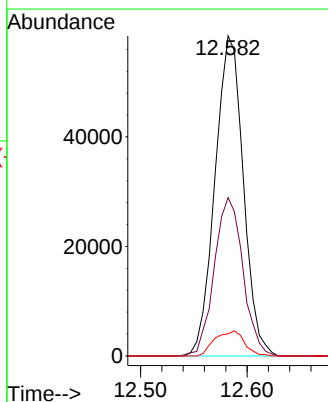
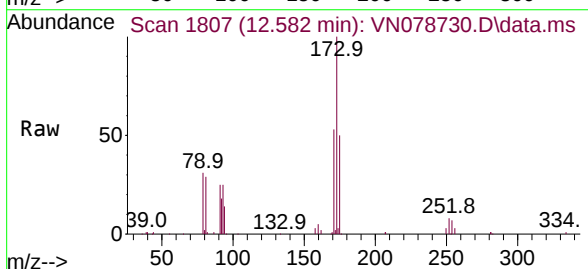
Manual Integrations
APPROVED

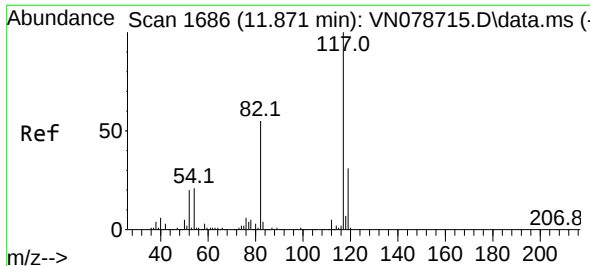
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#56
Bromoform
Concen: 17.775 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

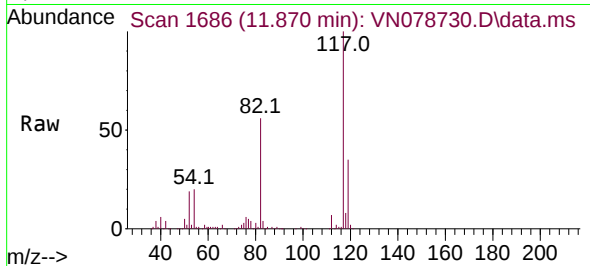
Tgt Ion:173 Resp: 107865
Ion Ratio Lower Upper
173 100
175 50.0 40.7 61.1
254 8.2 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

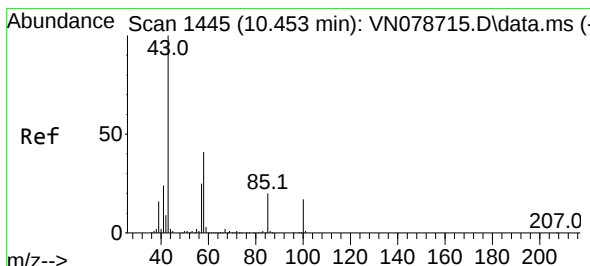
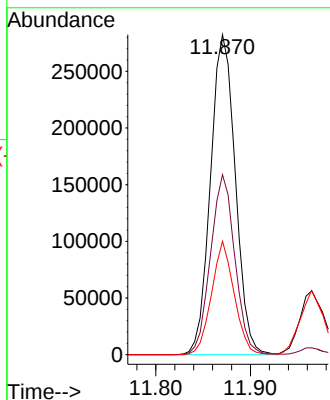
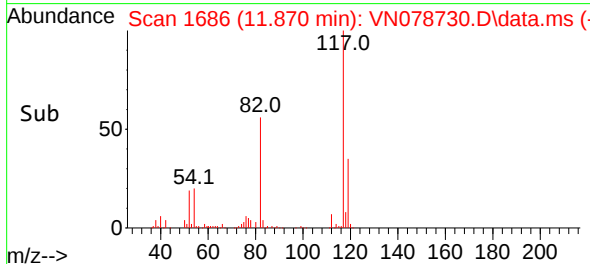
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 117 Resp: 514438
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 32.4 26.2 39.4

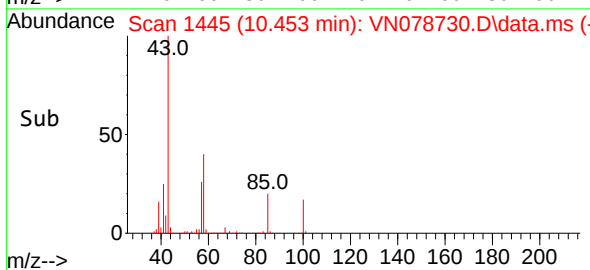
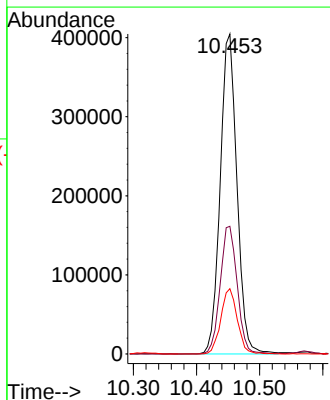
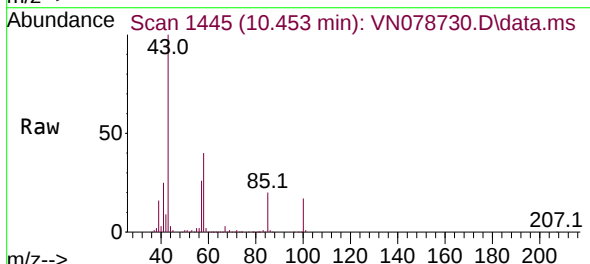
Manual Integrations
APPROVED

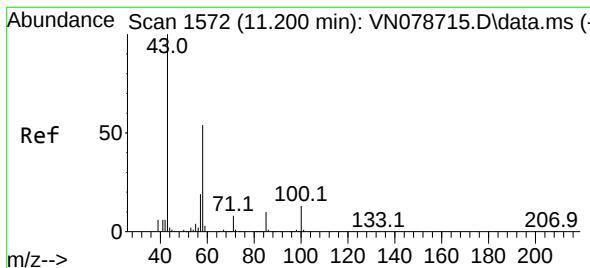
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#58
4-Methyl-2-Pentanone
Concen: 96.799 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

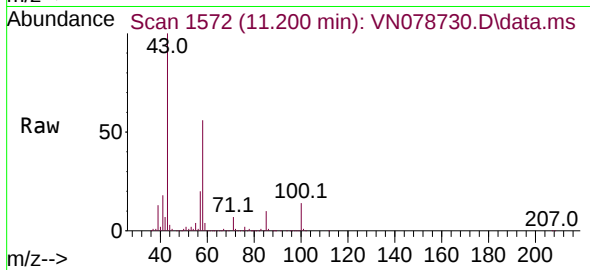
Tgt Ion: 43 Resp: 745360
Ion Ratio Lower Upper
43 100
58 40.5 32.6 48.8
85 20.0 16.2 24.2





#59
2-Hexanone
Concen: 91.794 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

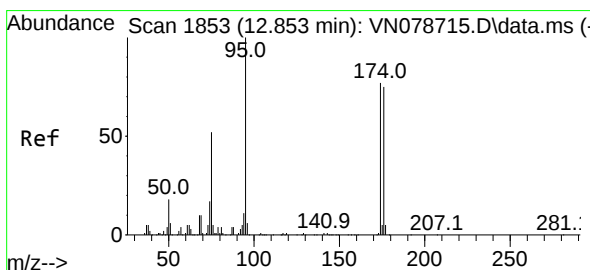
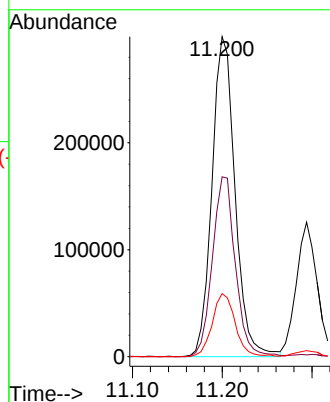
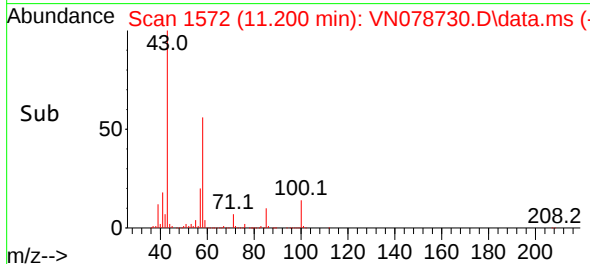
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



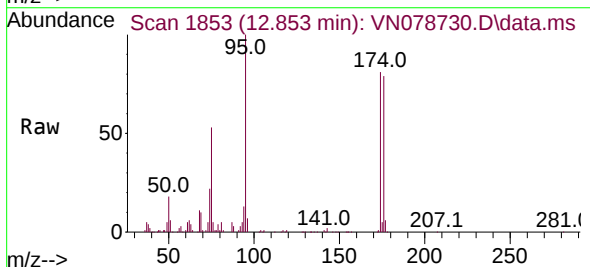
Tgt Ion: 43 Resp: 53518
Ion Ratio Lower Upper
43 100
58 55.9 45.9 68.9
57 19.5 15.8 23.6

Manual Integrations
APPROVED

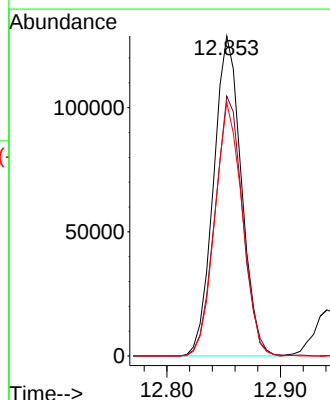
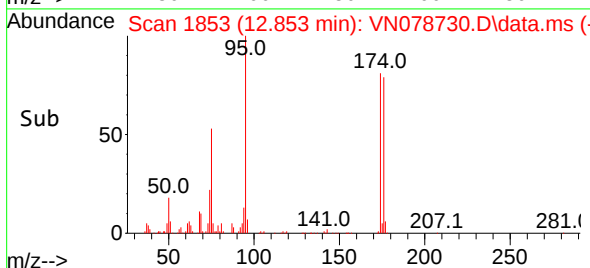
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

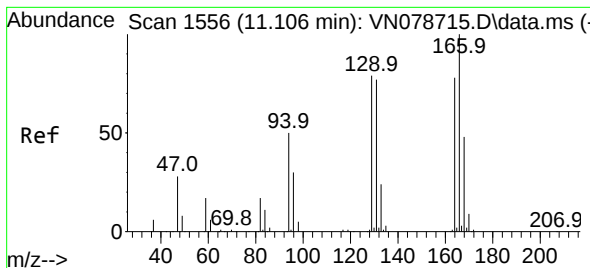


#60
4-Bromofluorobenzene
Concen: 28.425 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



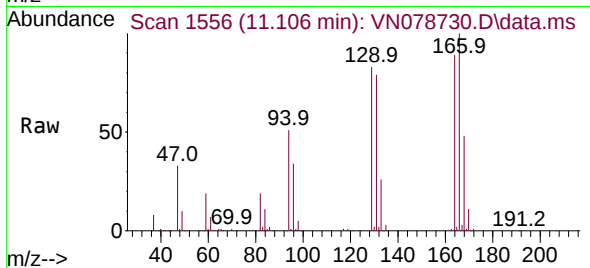
Tgt Ion: 95 Resp: 219142
Ion Ratio Lower Upper
95 100
174 81.1 61.7 92.5
176 78.3 58.1 87.1





#61
Tetrachloroethene
Concen: 21.273 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

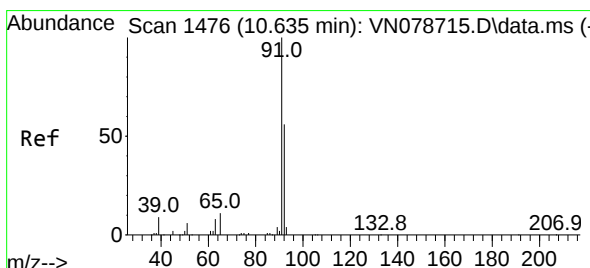
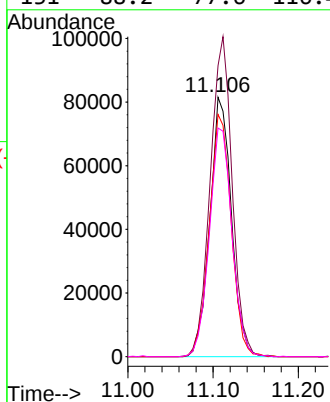
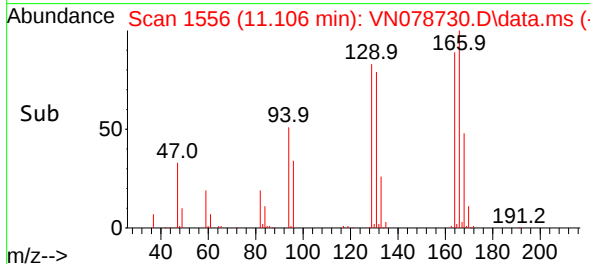
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



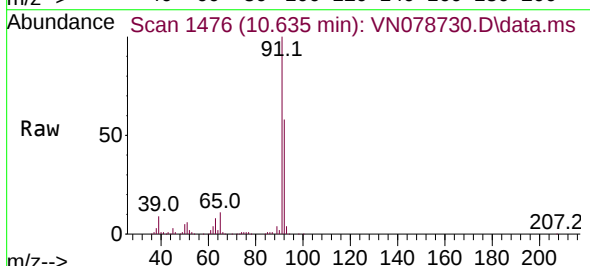
Tgt Ion:164 Resp: 14390
Ion Ratio Lower Upper
164 100
166 112.2 99.1 148.7
129 93.4 85.6 128.4
131 88.2 77.6 116.4

Manual Integrations
APPROVED

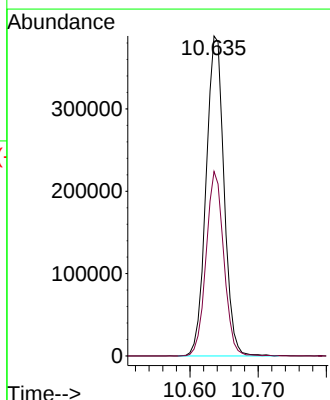
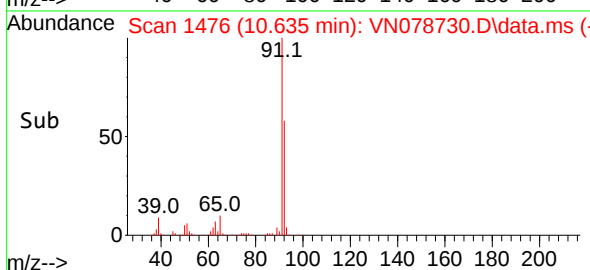
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

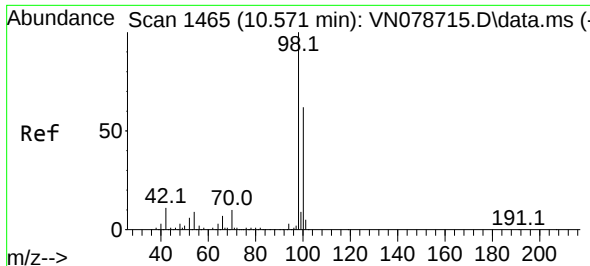


#62
Toluene
Concen: 22.987 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



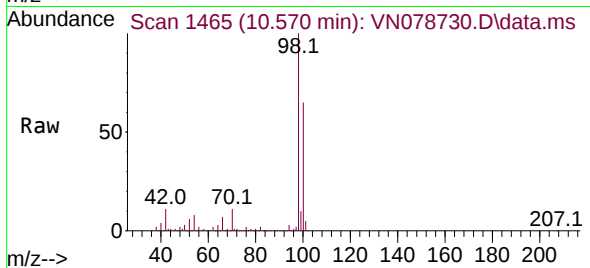
Tgt Ion: 91 Resp: 711297
Ion Ratio Lower Upper
91 100
92 56.8 45.2 67.8





#63
Toluene-d8
Concen: 29.021 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

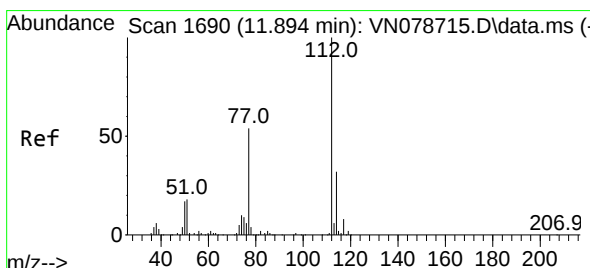
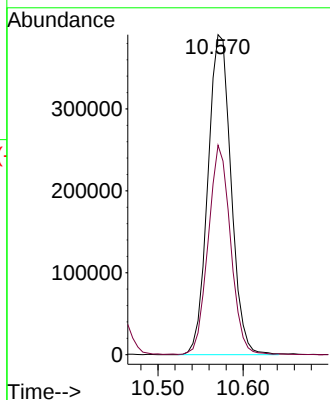
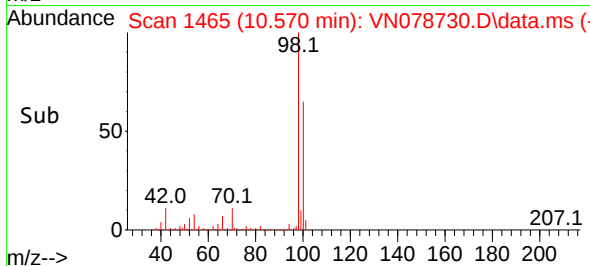
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



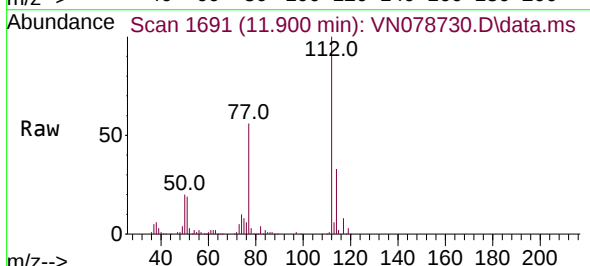
Tgt Ion: 98 Resp: 73751
Ion Ratio Lower Upper
98 100
100 63.1 49.7 74.5

Manual Integrations
APPROVED

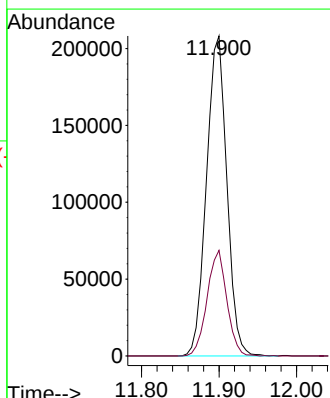
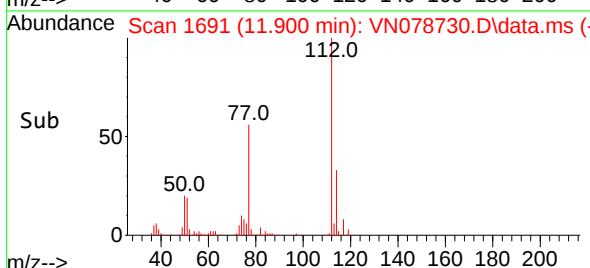
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

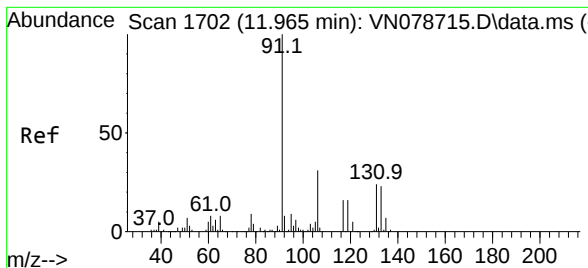


#64
Chlorobenzene
Concen: 21.042 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



Tgt Ion:112 Resp: 380148
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9





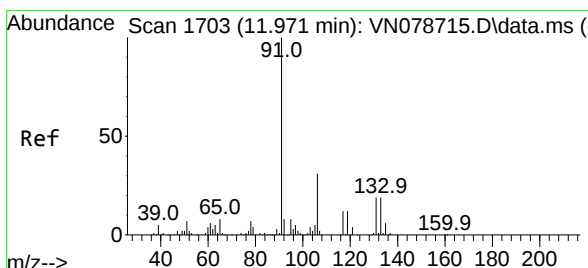
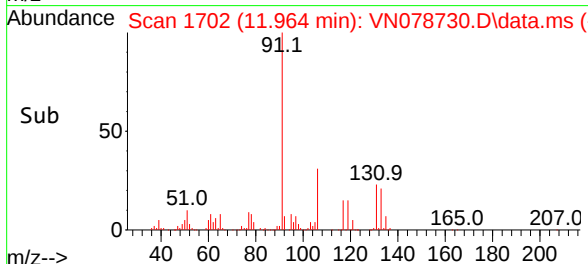
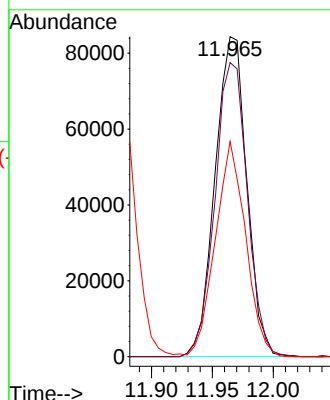
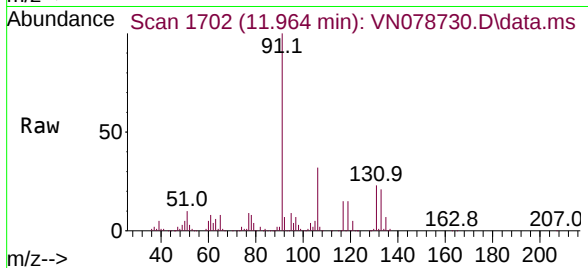
#65
1,1,1,2-Tetrachloroethane
Concen: 21.498 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion:131 Resp: 15317
Ion Ratio Lower Upper
131 100
133 93.6 0.0 191.8
119 64.2 0.0 132.0

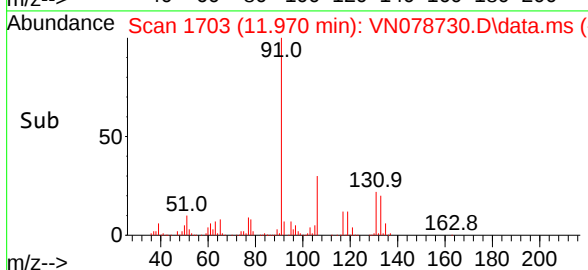
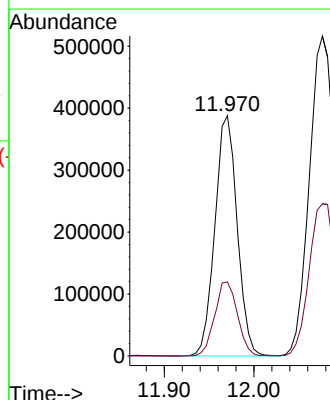
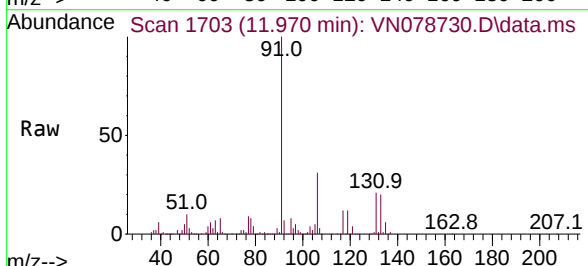
Manual Integrations
APPROVED

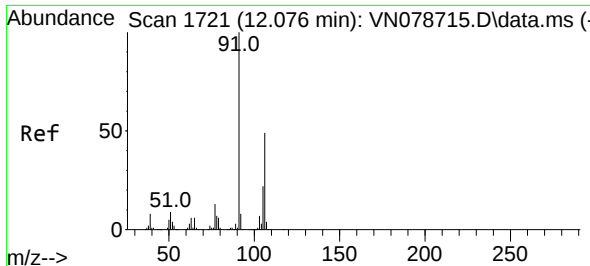
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#66
Ethyl Benzene
Concen: 21.442 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

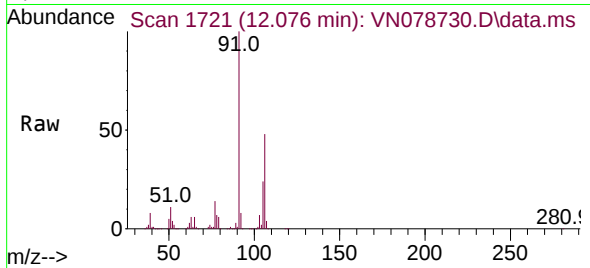
Tgt Ion: 91 Resp: 668711
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4





#67
m/p-Xylenes
Concen: 42.850 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

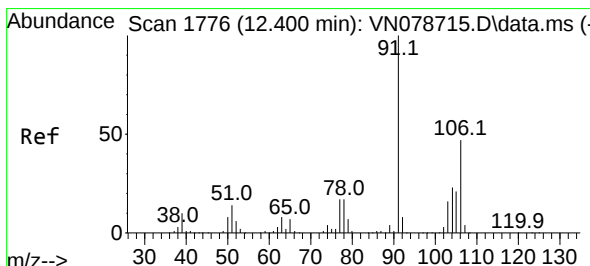
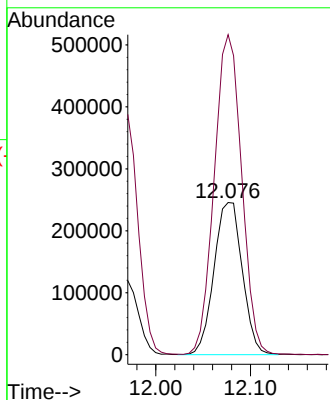
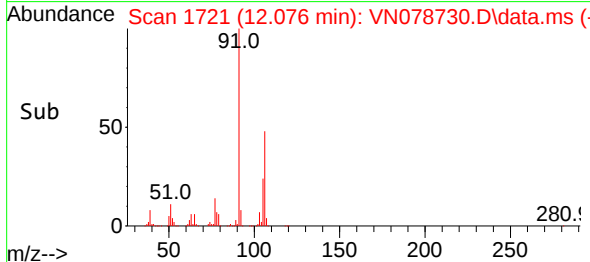
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



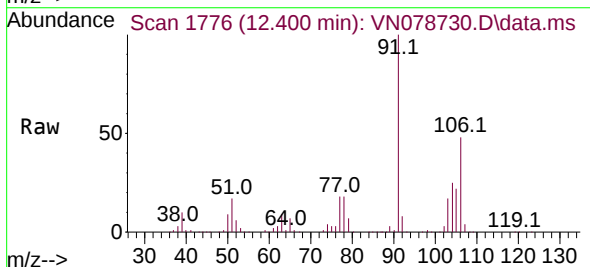
Tgt Ion:106 Resp: 510463
Ion Ratio Lower Upper
106 100
91 204.3 162.5 243.7

Manual Integrations
APPROVED

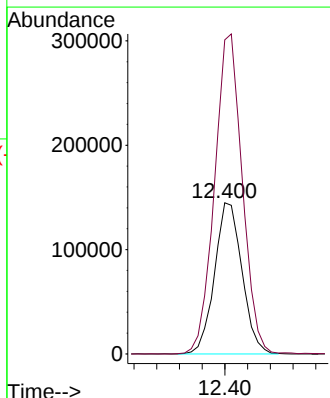
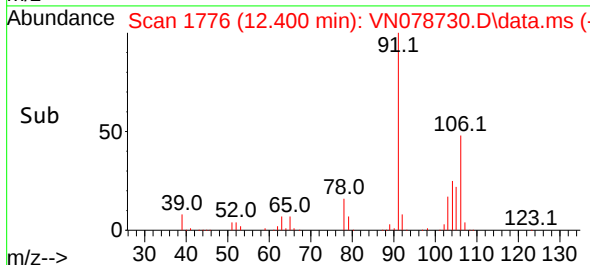
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

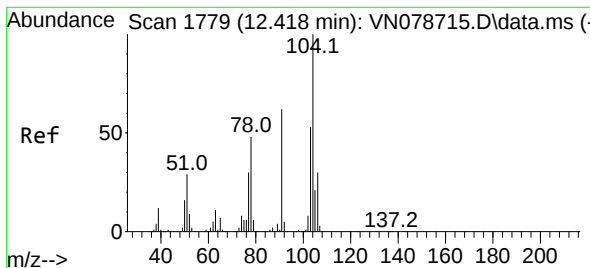


#68
o-Xylene
Concen: 20.066 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



Tgt Ion:106 Resp: 243234
Ion Ratio Lower Upper
106 100
91 213.5 106.1 318.3





#69

Styrene

Concen: 20.173 ug/l

RT: 12.417 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

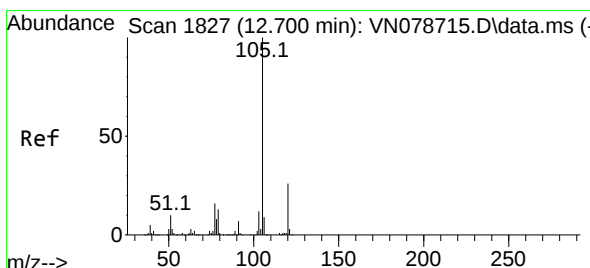
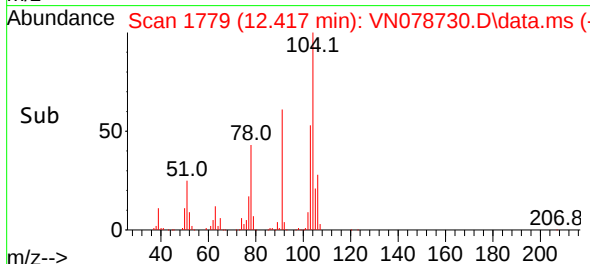
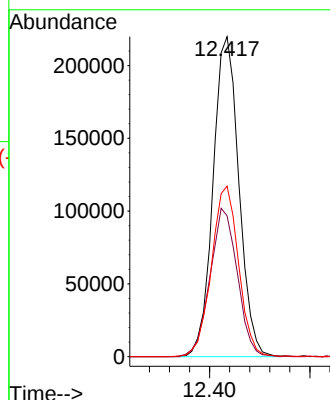
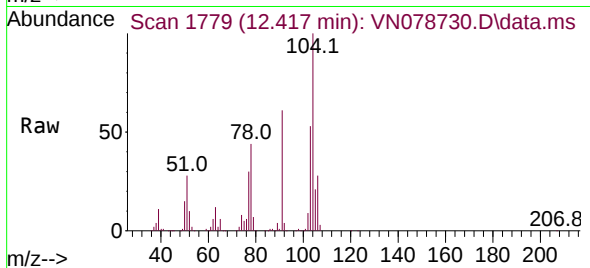
Tgt Ion:104 Resp: 39343
 Ion Ratio Lower Upper
 104 100
 78 48.8 40.1 60.1
 103 56.0 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#70

Isopropylbenzene

Concen: 20.959 ug/l

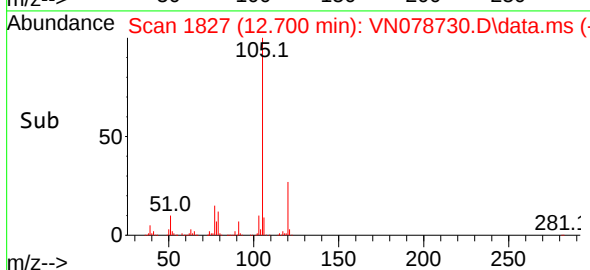
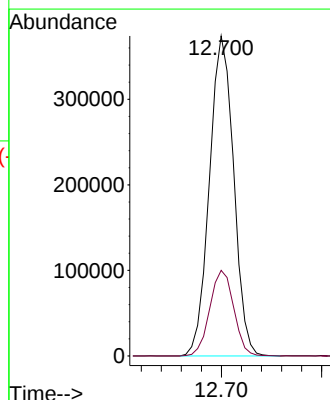
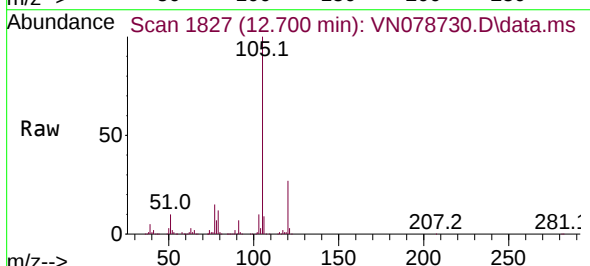
RT: 12.700 min Scan# 1827

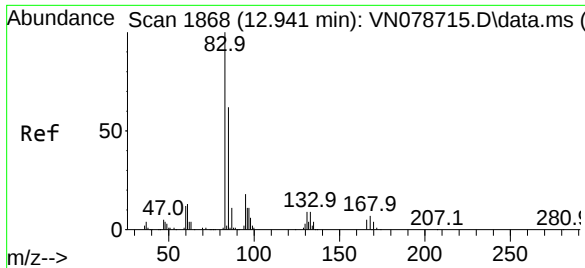
Delta R.T. -0.000 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

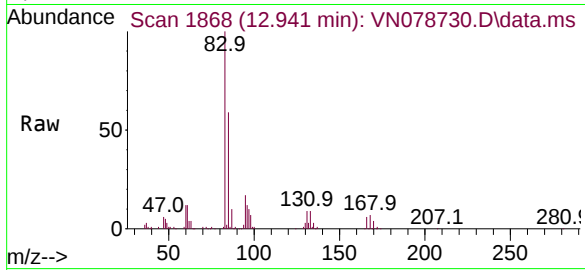
Tgt Ion:105 Resp: 628491
 Ion Ratio Lower Upper
 105 100
 120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.590 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

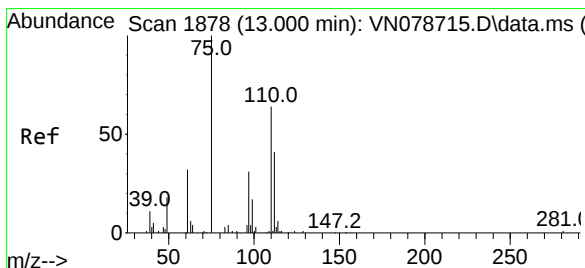
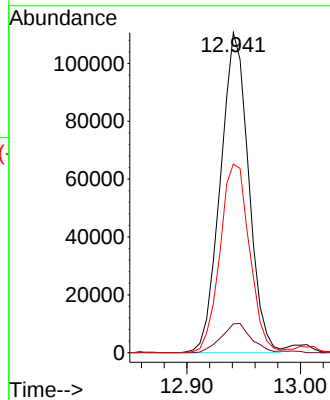
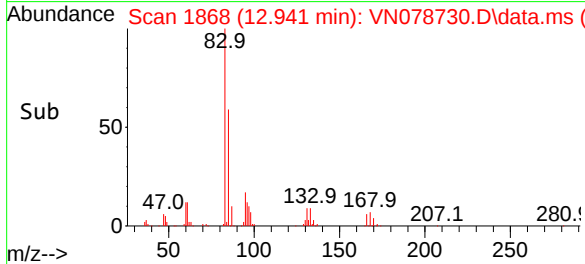
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



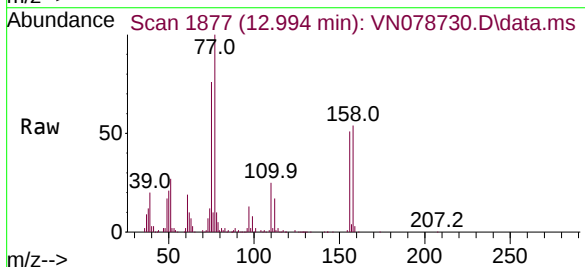
Tgt Ion: 83 Resp: 190828
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 61.7 32.6 98.0

Manual Integrations
APPROVED

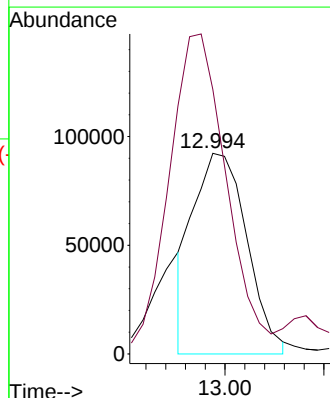
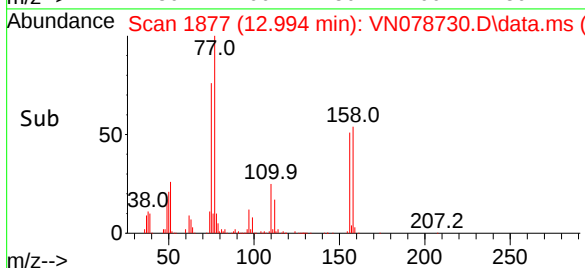
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

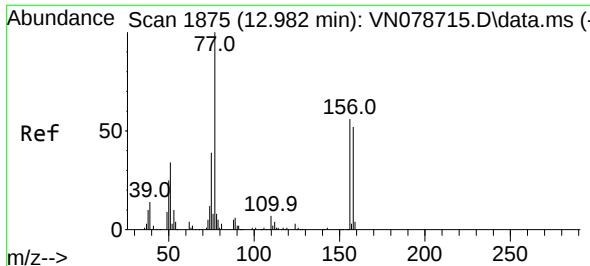


#72
1,2,3-Trichloropropane
Concen: 21.296 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



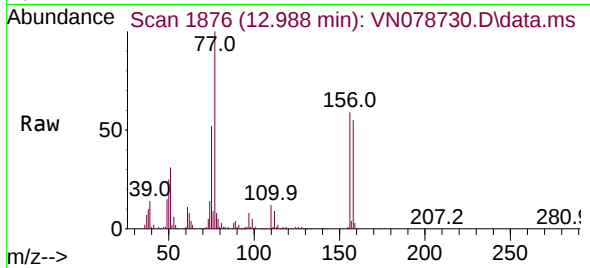
Tgt Ion: 75 Resp: 174020
Ion Ratio Lower Upper
75 100
77 171.2 0.0 387.4





#73
Bromobenzene
Concen: 20.263 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

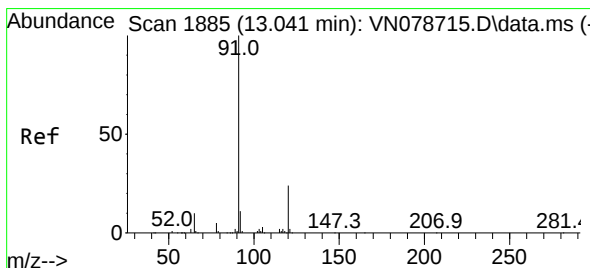
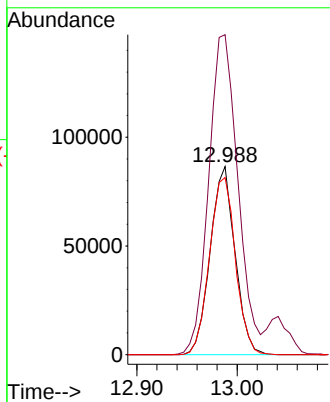
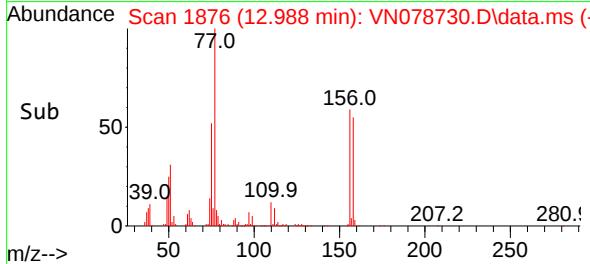
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



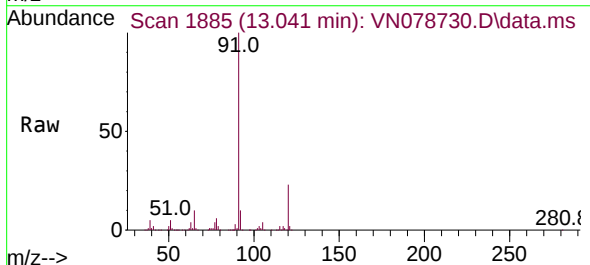
Tgt Ion:156 Resp: 14893
Ion Ratio Lower Upper
156 100
77 200.0 0.0 420.8
158 98.5 0.0 193.2

Manual Integrations
APPROVED

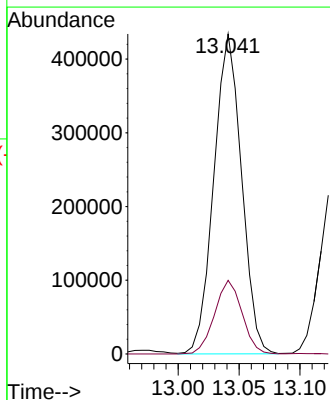
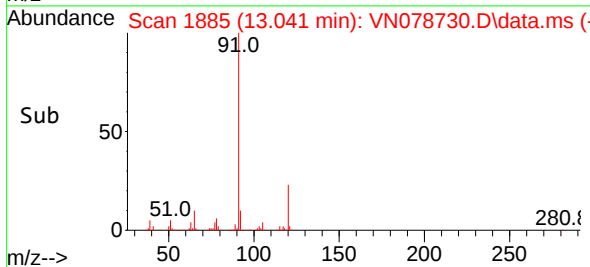
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

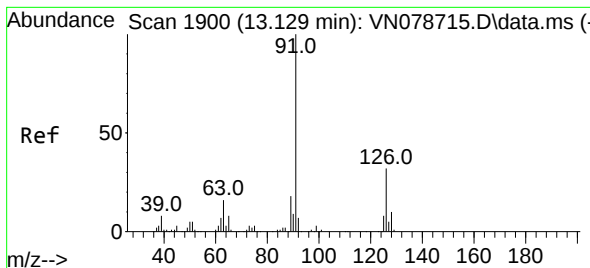


#74
n-propylbenzene
Concen: 20.673 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



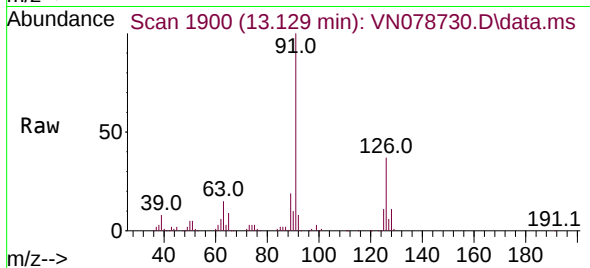
Tgt Ion: 91 Resp: 687083
Ion Ratio Lower Upper
91 100
120 22.7 0.0 44.6





#75
2-Chlorotoluene
Concen: 18.932 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

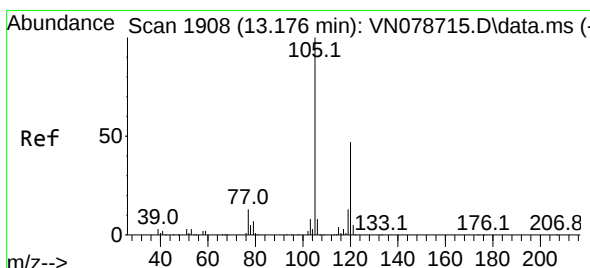
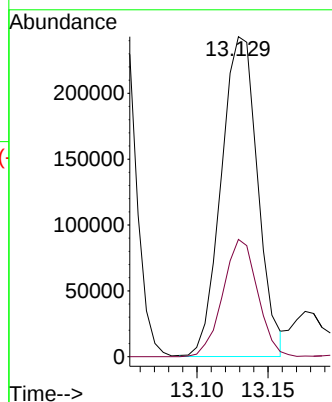
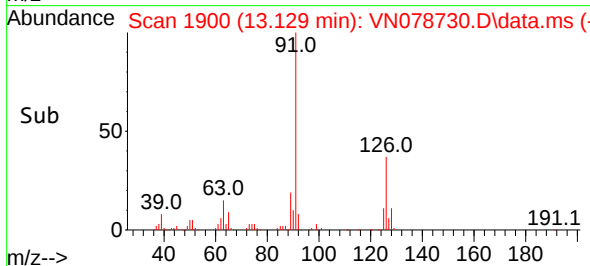
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



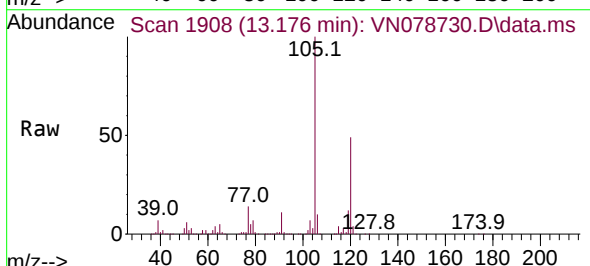
Tgt Ion: 91 Resp: 434540
Ion Ratio Lower Upper
91 100
126 34.9 0.0 67.2

Manual Integrations
APPROVED

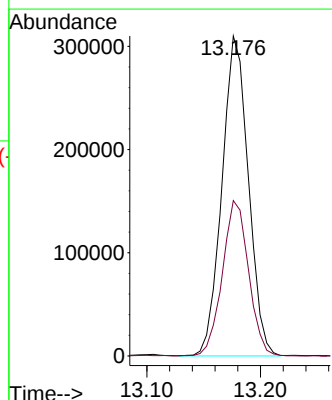
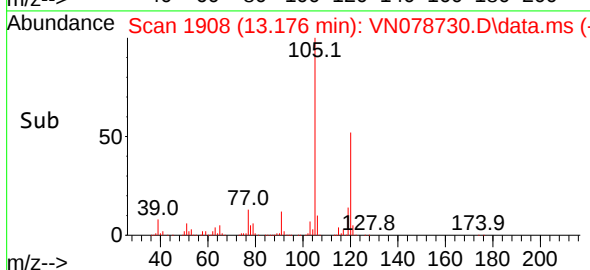
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

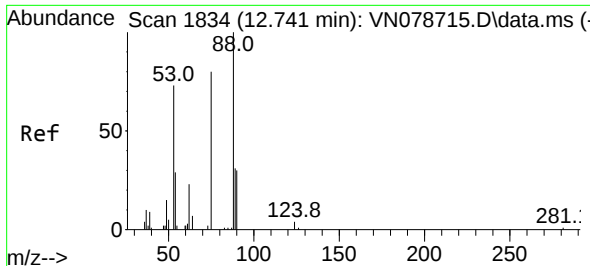


#76
1,3,5-Trimethylbenzene
Concen: 18.712 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



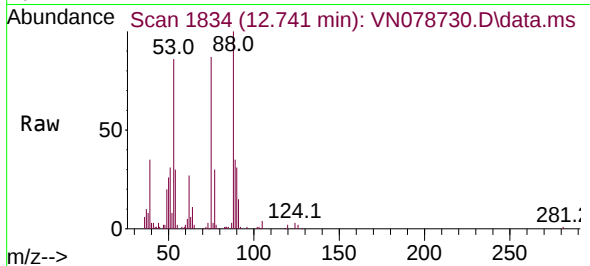
Tgt Ion:105 Resp: 500985
Ion Ratio Lower Upper
105 100
120 48.2 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.136 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

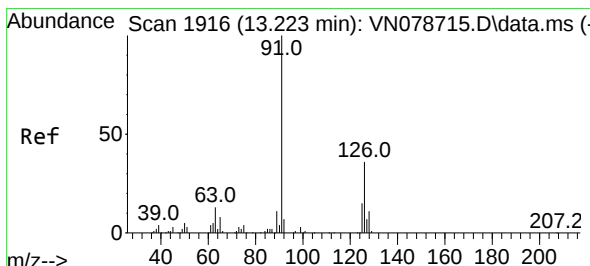
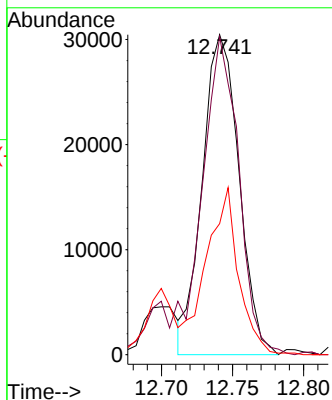
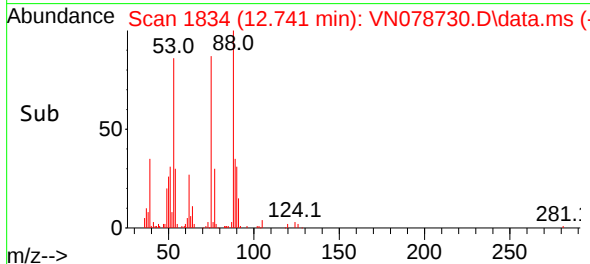
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion: 75 Resp: 5465
Ion Ratio Lower Upper
75 100
53 97.6 41.6 124.9
89 40.4 25.1 75.4

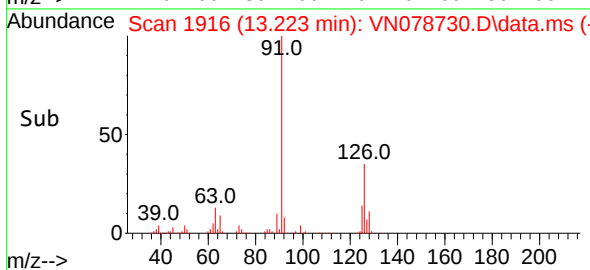
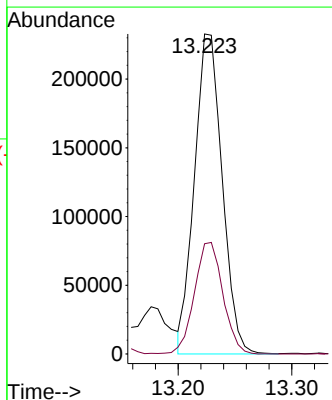
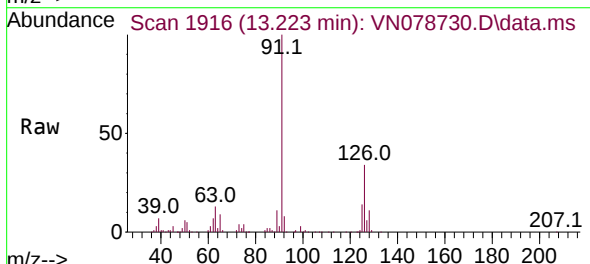
Manual Integrations
APPROVED

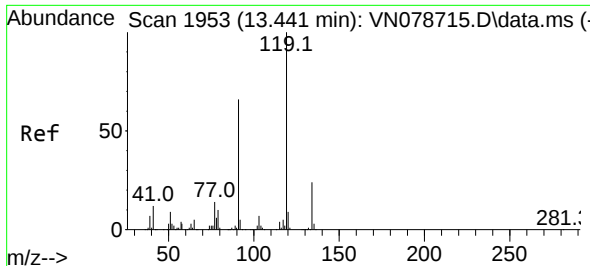
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#78
4-Chlorotoluene
Concen: 17.816 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

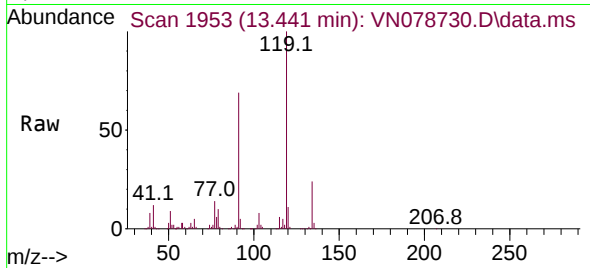
Tgt Ion: 91 Resp: 394838
Ion Ratio Lower Upper
91 100
126 35.8 0.0 68.8





#79
tert-butylbenzene
Concen: 18.572 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

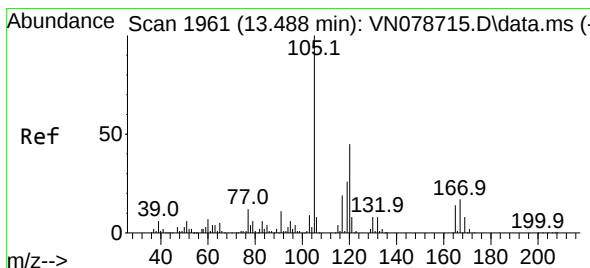
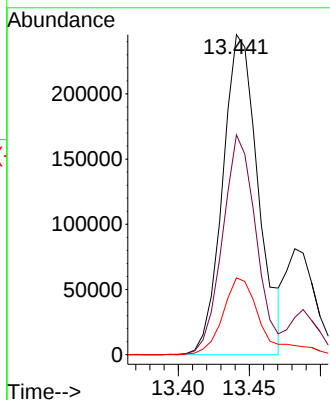
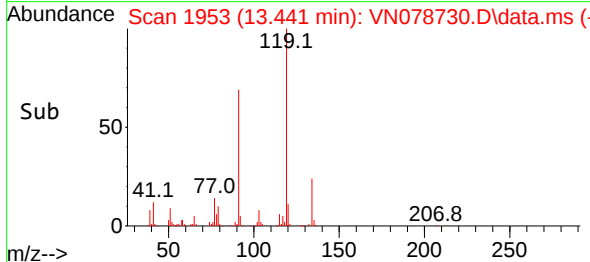
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



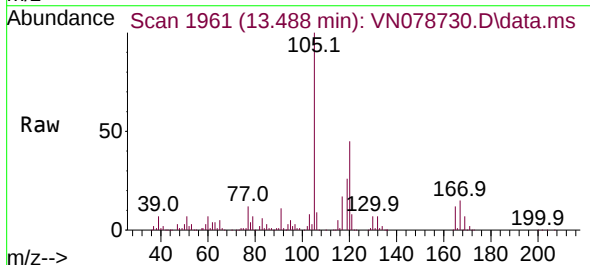
Tgt Ion:119 Resp: 427960
Ion Ratio Lower Upper
119 100
91 64.8 0.0 126.6
134 25.8 0.0 44.0

Manual Integrations
APPROVED

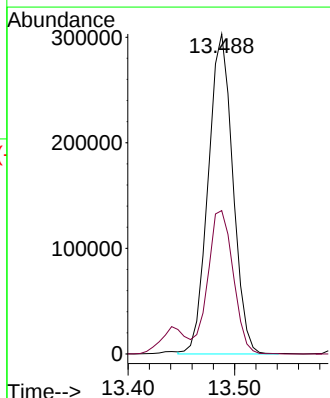
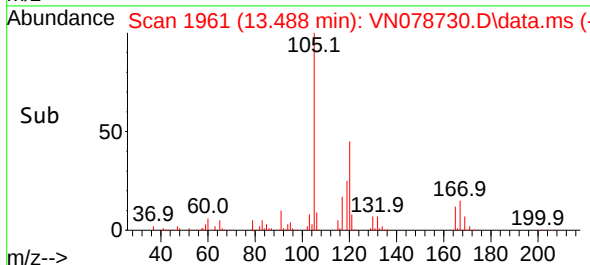
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

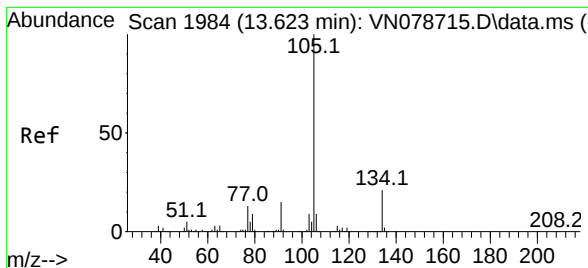


#80
1,2,4-Trimethylbenzene
Concen: 19.054 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



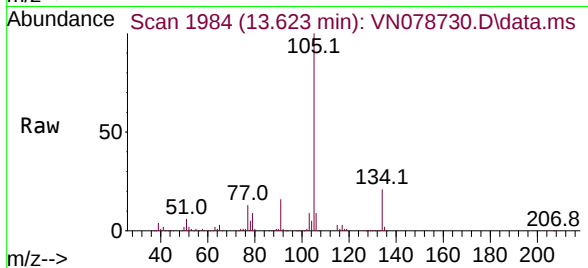
Tgt Ion:105 Resp: 487213
Ion Ratio Lower Upper
105 100
120 46.0 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 18.299 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02

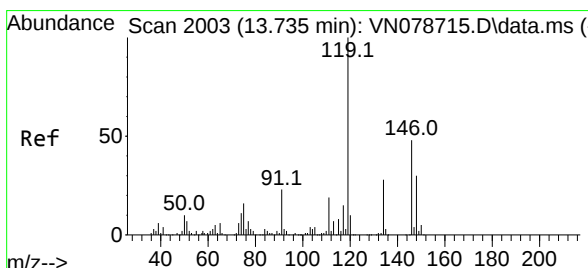
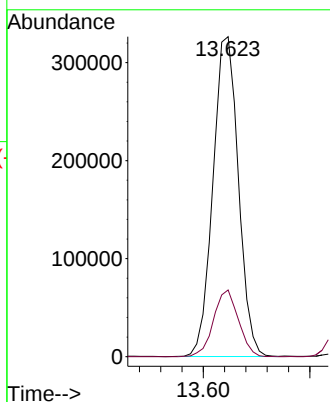
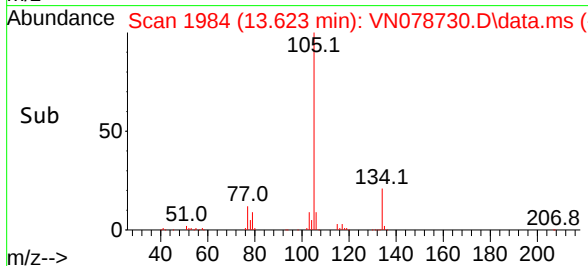
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01



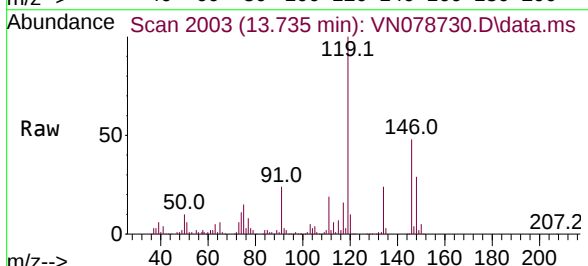
Tgt Ion:105 Resp: 540484
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 38.6

Manual Integrations
 APPROVED

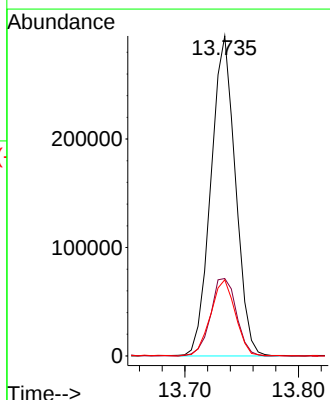
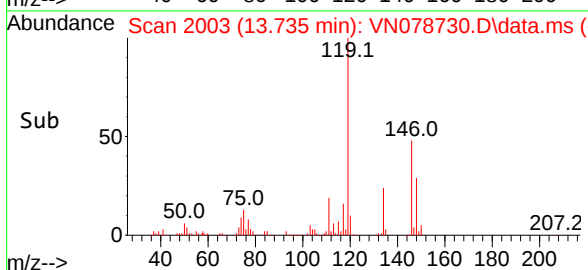
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

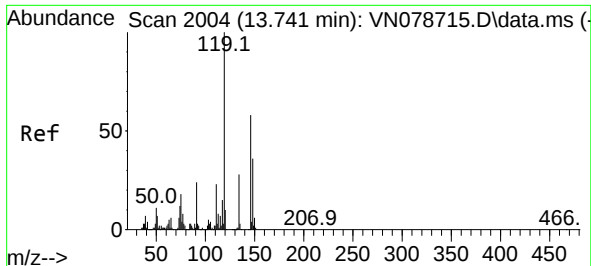


#82
 p-Isopropyltoluene
 Concen: 18.246 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078730.D
 Acq: 02 Aug 2023 13:02



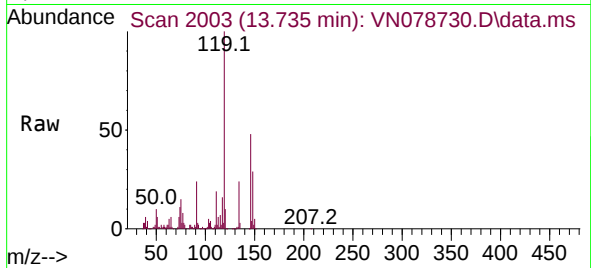
Tgt Ion:119 Resp: 442436
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.4
 91 24.0 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 18.534 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

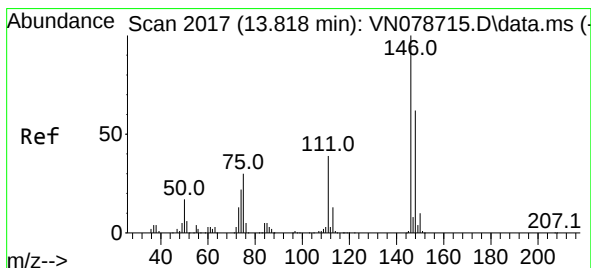
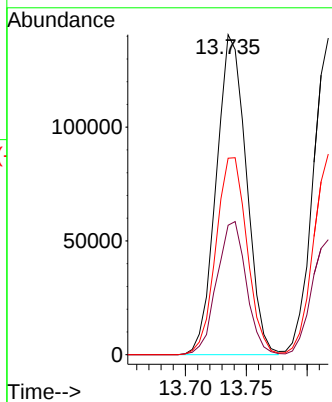
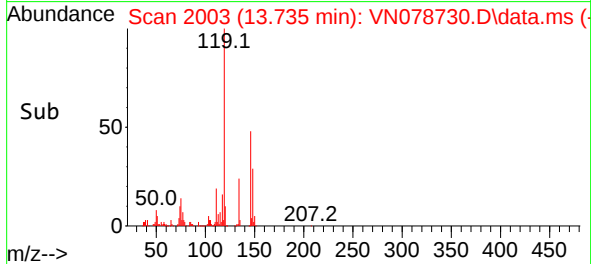
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion:146 Resp: 241568
Ion Ratio Lower Upper
146 100
111 40.9 21.6 64.6
148 63.5 31.9 95.5

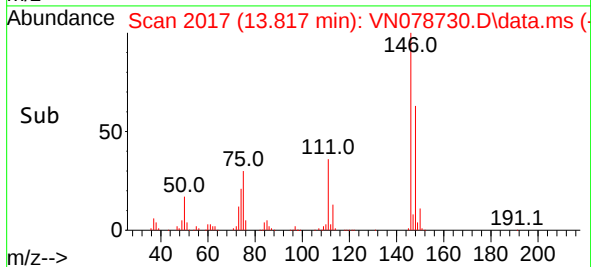
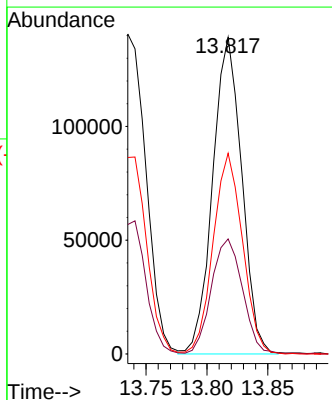
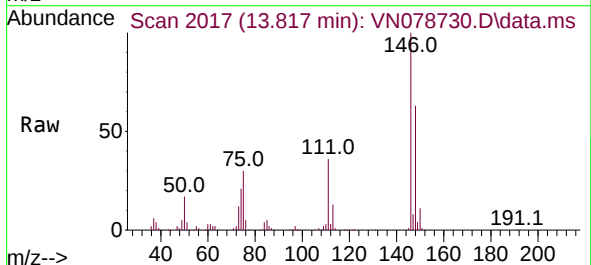
Manual Integrations
APPROVED

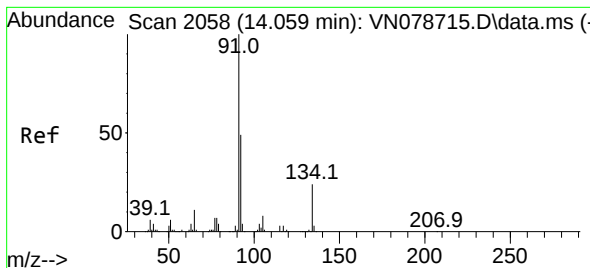
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#84
1,4-Dichlorobenzene
Concen: 18.943 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Tgt Ion:146 Resp: 231146
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 64.0 31.4 94.3





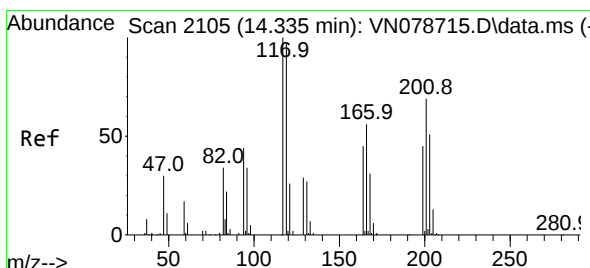
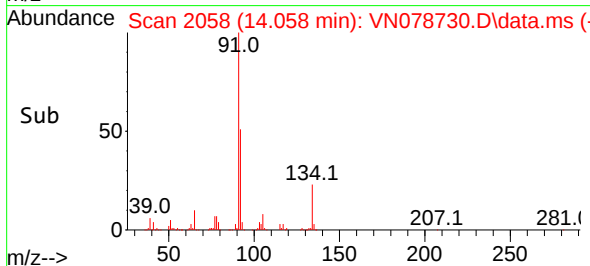
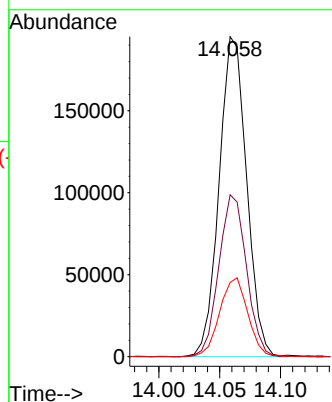
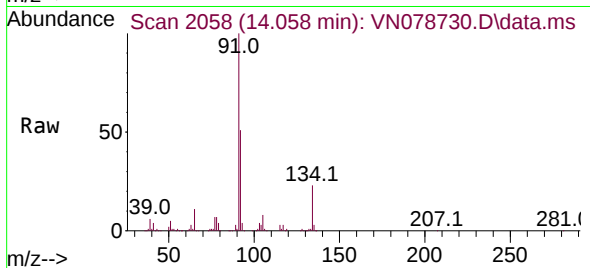
#85
n-Butylbenzene
Concen: 18.246 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion: 91 Resp: 306804
Ion Ratio Lower Upper
91 100
92 50.8 0.0 99.6
134 25.2 0.0 50.0

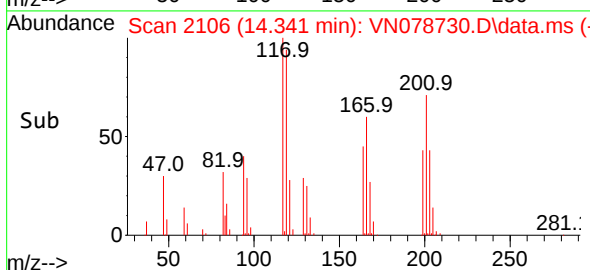
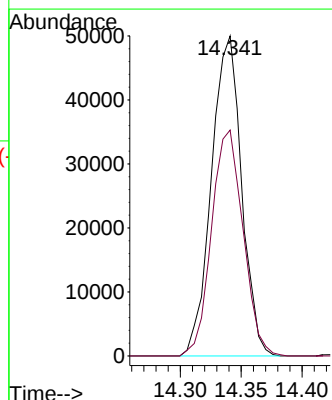
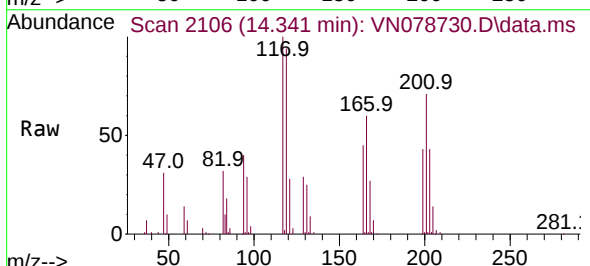
Manual Integrations
APPROVED

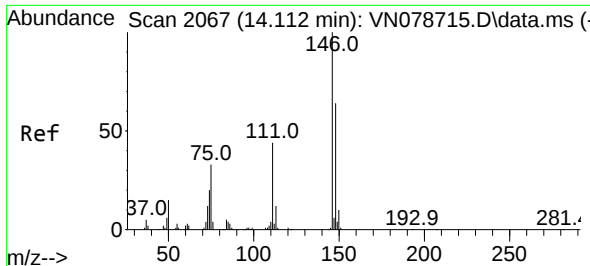
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#86
Hexachloroethane
Concen: 19.527 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

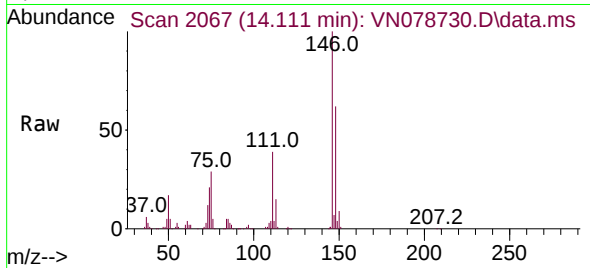
Tgt Ion:117 Resp: 86270
Ion Ratio Lower Upper
117 100
201 73.7 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 19.371 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

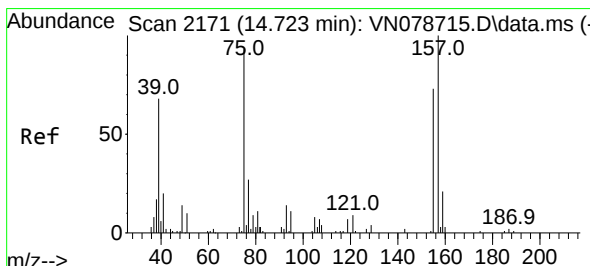
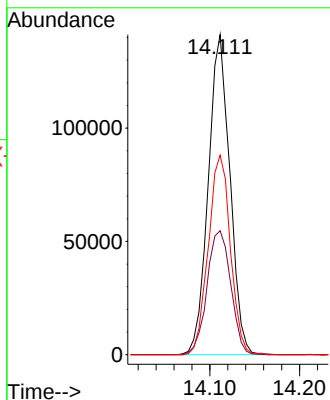
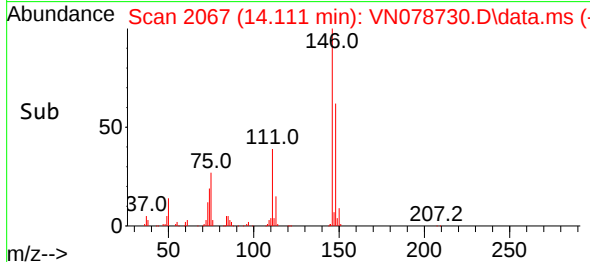
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



Tgt Ion:146 Resp: 236294
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.3
148 63.5 33.4 100.1

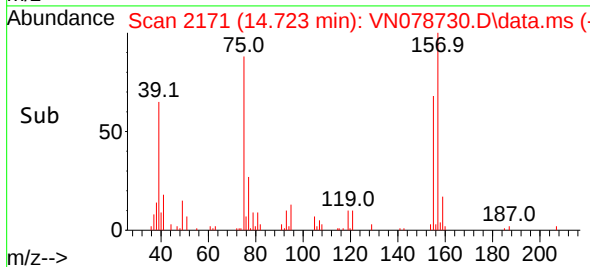
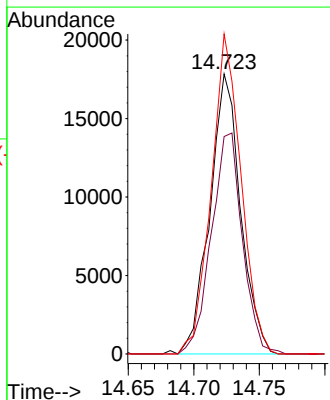
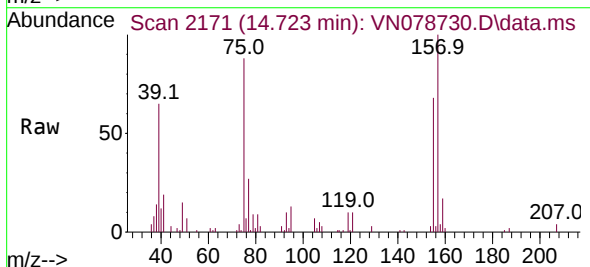
Manual Integrations
APPROVED

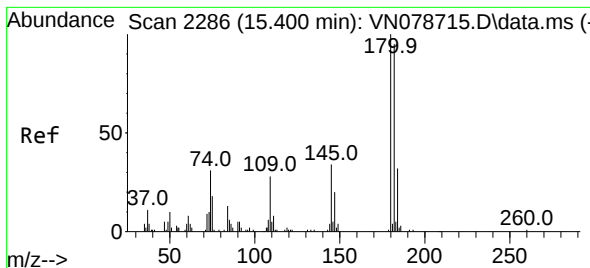
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.589 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

Tgt Ion: 75 Resp: 29097
Ion Ratio Lower Upper
75 100
155 79.4 68.2 102.2
157 110.8 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 19.447 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078730.D

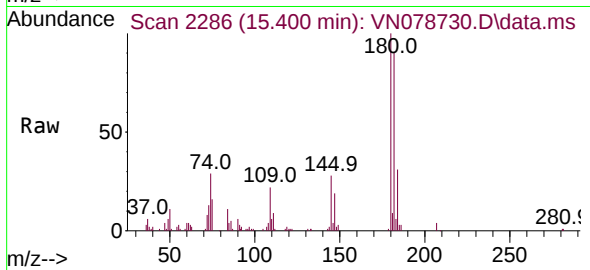
Acq: 02 Aug 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01



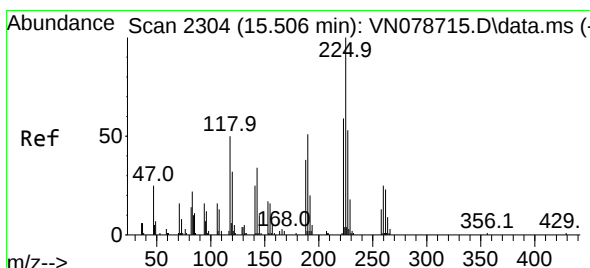
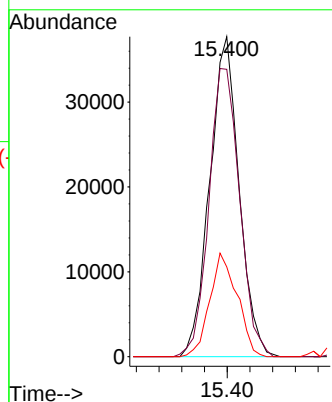
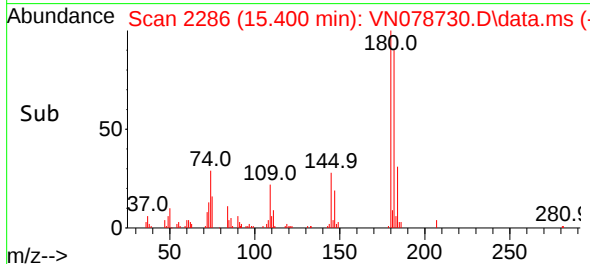
Tgt Ion:	180	Resp:	6768
Ion Ratio	Lower	Upper	
180	100		
182	94.1	73.7	110.5
145	30.3	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#90

Hexachlorobutadiene

Concen: 20.144 ug/l

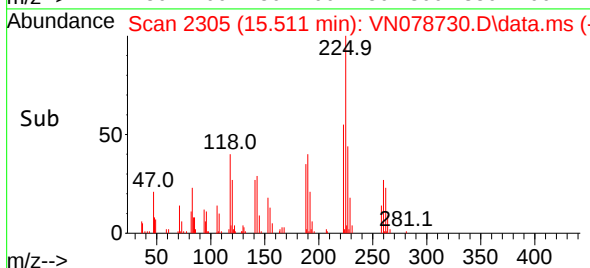
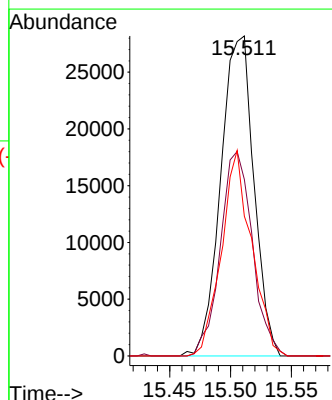
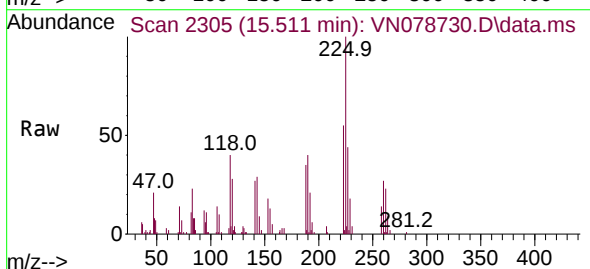
RT: 15.511 min Scan# 2305

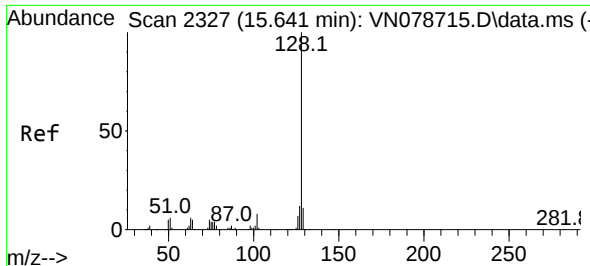
Delta R.T. 0.006 min

Lab File: VN078730.D

Acq: 02 Aug 2023 13:02

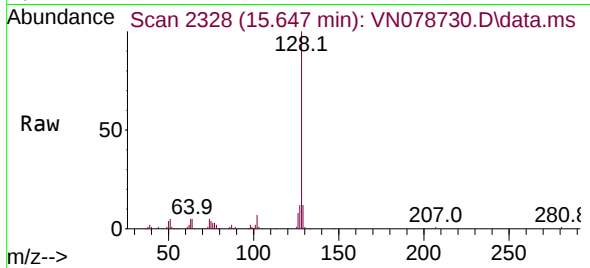
Tgt Ion:	225	Resp:	53409
Ion Ratio	Lower	Upper	
225	100		
223	61.8	0.0	130.0
227	58.4	0.0	124.0





#91
Naphthalene
Concen: 16.619 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02

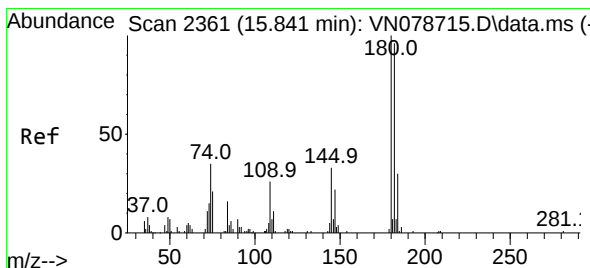
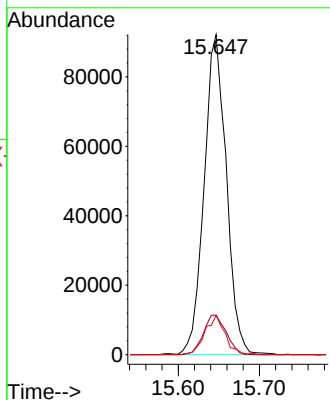
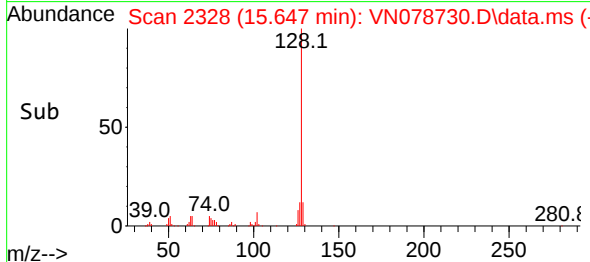
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01



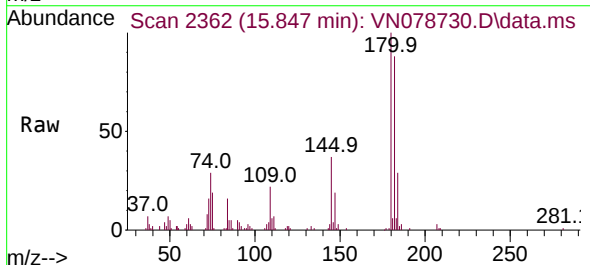
Tgt Ion:128 Resp: 175220
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.274 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078730.D
Acq: 02 Aug 2023 13:02



Tgt Ion:180 Resp: 76339
Ion Ratio Lower Upper
180 100
182 95.1 0.0 196.4
145 33.2 0.0 71.0

