

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077734.D
 Acq On : 18 May 2023 14:21
 Operator : JC\MD
 Sample : VN0518WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01

Quant Time: May 29 08:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	385905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	619883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273029	47.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.560%		
35) Dibromofluoromethane	8.177	113	222757	48.410	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	10.570	98	840916	47.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.853	95	286882	45.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	76610	17.444	ug/l	99
3) Chloromethane	2.371	50	77406	15.383	ug/l	97
4) Vinyl Chloride	2.524	62	90153	16.281	ug/l	97
5) Bromomethane	2.977	94	69226	16.904	ug/l	96
6) Chloroethane	3.136	64	61878	15.506	ug/l	99
7) Trichlorofluoromethane	3.512	101	144290	18.698	ug/l	93
8) Diethyl Ether	3.977	74	50268	17.844	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.389	101	79425	18.598	ug/l	99
10) Methyl Iodide	4.600	142	99291	19.496	ug/l	98
11) Tert butyl alcohol	5.518	59	66468	83.410	ug/l	99
12) 1,1-Dichloroethene	4.359	96	72568	17.879	ug/l	92
13) Acrolein	4.189	56	50376	82.347	ug/l	91
14) Allyl chloride	5.041	41	111194	18.648	ug/l	96
15) Acrylonitrile	5.724	53	181559	85.280	ug/l	99
16) Acetone	4.436	43	157190	86.529	ug/l	94
17) Carbon Disulfide	4.724	76	169024	15.455	ug/l	99
18) Methyl Acetate	5.036	43	130882	17.174	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	268198	18.255	ug/l	96
20) Methylene Chloride	5.288	84	90610	17.895	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	77632	17.027	ug/l	89
22) Diisopropyl ether	6.677	45	248933	17.811	ug/l #	94
23) Vinyl Acetate	6.612	43	738439	85.277	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	155417	18.151	ug/l	97
25) 2-Butanone	7.494	43	237741	83.660	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	131036	18.013	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	96759	17.699	ug/l	92
28) Bromochloromethane	7.824	49	74727	20.180	ug/l	89
29) Tetrahydrofuran	7.847	42	148155	79.621	ug/l	86
30) Chloroform	7.977	83	170938	18.148	ug/l	94
31) Cyclohexane	8.265	56	134192	17.099	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	145078	18.117	ug/l	95
36) 1,1-Dichloropropene	8.382	75	118702	17.637	ug/l	96
37) Ethyl Acetate	7.571	43	96391	16.068	ug/l	97
38) Carbon Tetrachloride	8.371	117	123245	18.134	ug/l	93
39) Methylcyclohexane	9.612	83	146249	17.749	ug/l	91
40) Benzene	8.612	78	359812	18.116	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53178	16.646	ug/l	93
42) 1,2-Dichloroethane	8.677	62	127755	17.708	ug/l	98
43) Isopropyl Acetate	8.694	43	165687	16.909	ug/l	95
44) Trichloroethene	9.359	130	95681	19.026	ug/l	99
45) 1,2-Dichloropropane	9.629	63	92447	18.249	ug/l	92
46) Dibromomethane	9.718	93	67724	18.682	ug/l	99
47) Bromodichloromethane	9.894	83	132195	19.048	ug/l	98
48) Methyl methacrylate	9.688	41	80188	17.261	ug/l #	85
49) 1,4-Dioxane	9.700	88	31301	356.732	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	497501	85.418	ug/l	93
52) Toluene	10.635	92	229782	18.584	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	132713	18.058	ug/l	99
54) cis-1,3-Dichloropropene	10.323	75	143651	17.737	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	89792	18.290	ug/l	97
56) Ethyl methacrylate	10.882	69	128537	17.316	ug/l	91
57) 1,3-Dichloropropane	11.170	76	153580	18.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	293234	80.297	ug/l	93
59) 2-Hexanone	11.200	43	350258	81.304	ug/l	93
60) Dibromochloromethane	11.365	129	93700	18.488	ug/l	98
61) 1,2-Dibromoethane	11.476	107	89250	18.223	ug/l	98
64) Tetrachloroethene	11.112	164	87882	20.273	ug/l	98
65) Chlorobenzene	11.900	112	244216	18.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	88309	18.992	ug/l	96
67) Ethyl Benzene	11.970	91	437627	18.172	ug/l	97
68) m/p-Xylenes	12.076	106	330974	36.271	ug/l	97
69) o-Xylene	12.406	106	166336	18.536	ug/l	98
70) Styrene	12.417	104	253293	17.768	ug/l	94
71) Bromoform	12.588	173	56611	18.302	ug/l #	99
73) Isopropylbenzene	12.700	105	428143	18.937	ug/l	99
74) N-amyl acetate	12.500	43	132886	15.901	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	125380	18.026	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	149843	22.812	ug/l	74
77) Bromobenzene	12.988	156	94921	18.397	ug/l	98
78) n-propylbenzene	13.041	91	492431	18.474	ug/l	99
79) 2-Chlorotoluene	13.129	91	298603	18.774	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	362982	19.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	37313	18.158	ug/l	84
82) 4-Chlorotoluene	13.229	91	285221	18.023	ug/l	99
83) tert-Butylbenzene	13.447	119	314963	18.986	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	359092	19.215	ug/l	100
85) sec-Butylbenzene	13.623	105	444608	18.859	ug/l	99
86) p-Isopropyltoluene	13.735	119	373100	19.851	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	176523	18.500	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	164828	17.408	ug/l	95
89) n-Butylbenzene	14.064	91	311716	18.031	ug/l	98
90) Hexachloroethane	14.341	117	57485	18.618	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	169718	19.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21680	16.100	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	80816	15.514	ug/l	98
94) Hexachlorobutadiene	15.505	225	40649	18.794	ug/l	99
95) Naphthalene	15.647	128	238963	13.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	78940	15.478	ug/l	98

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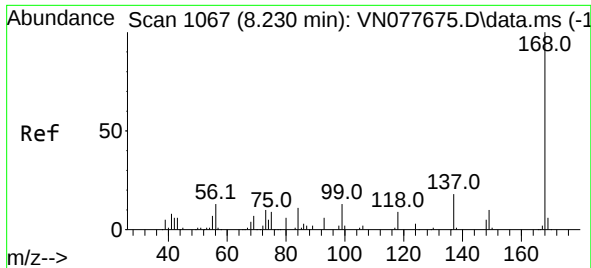
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QLast Update : Tue May 16 04:07:42 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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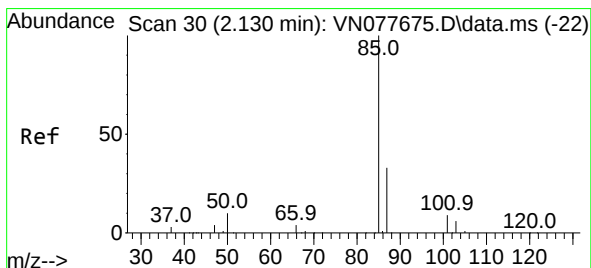
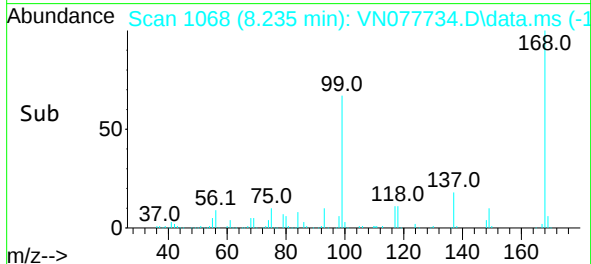
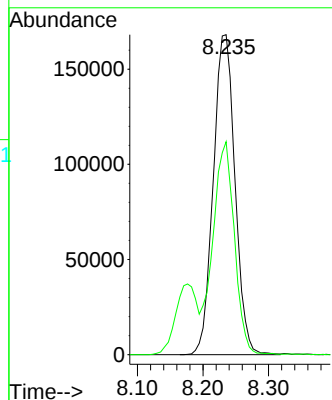
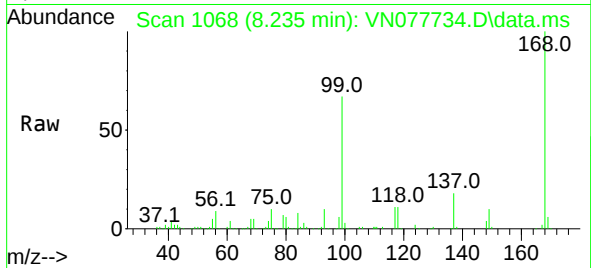




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
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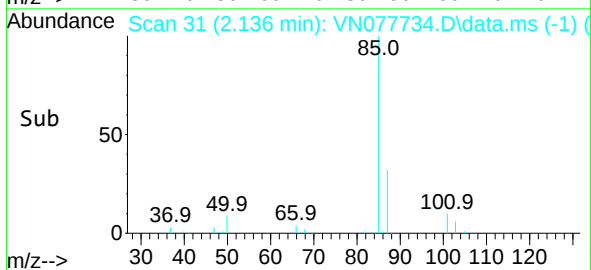
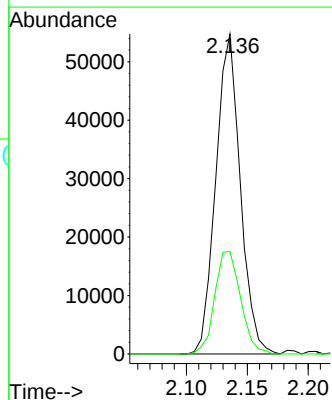
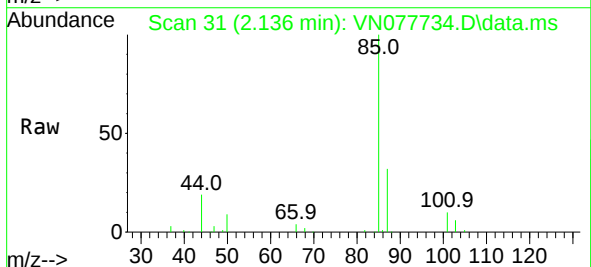
Instrument :
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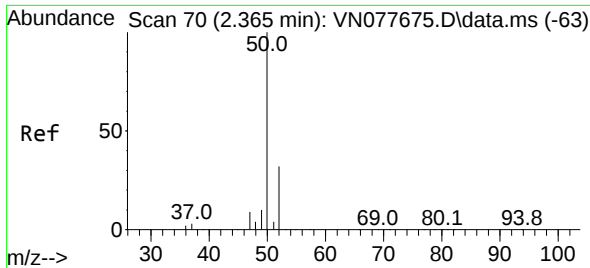
Tgt Ion:168 Resp: 385905
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.444 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 85 Resp: 76610
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

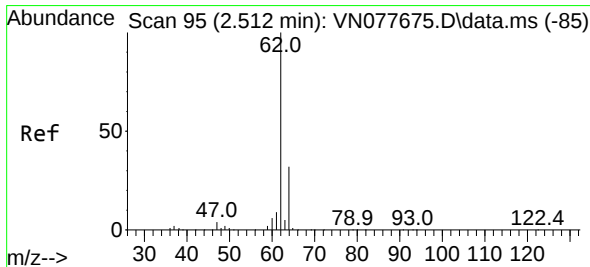
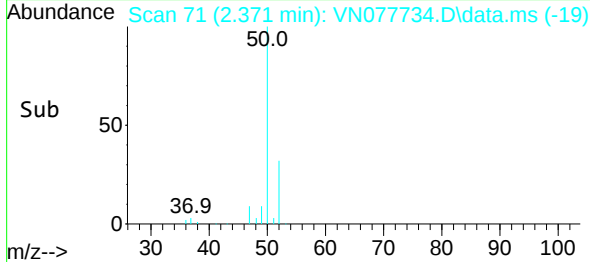
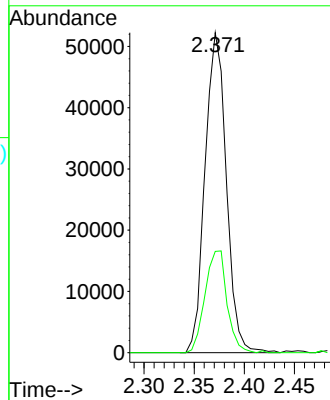
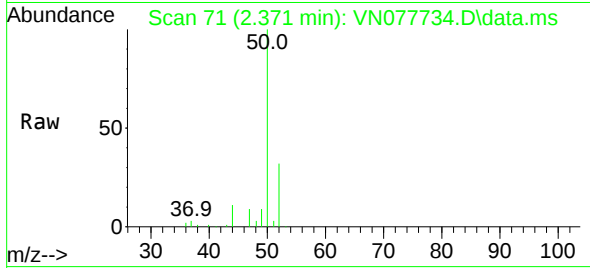




#3
Chloromethane
Concen: 15.383 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077734.D
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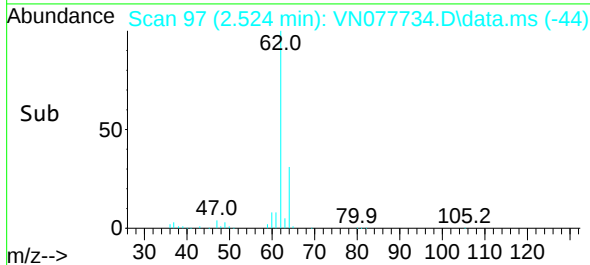
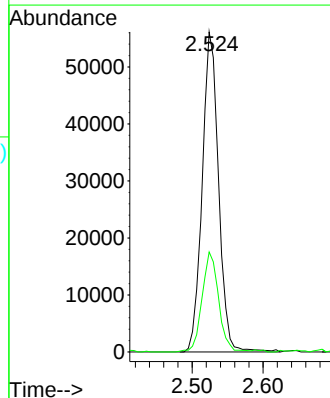
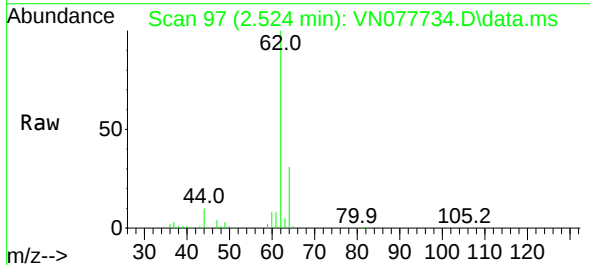
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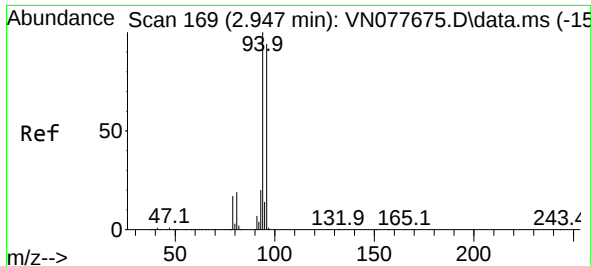
Tgt Ion: 50 Resp: 77406
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7



#4
Vinyl Chloride
Concen: 16.281 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077734.D
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Tgt Ion: 62 Resp: 90153
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2

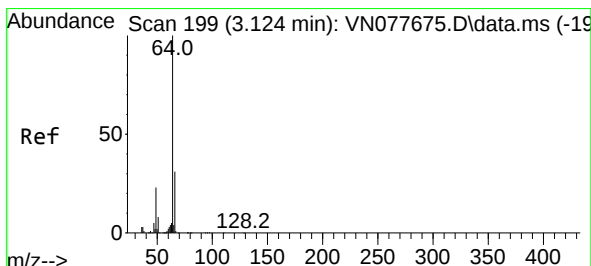
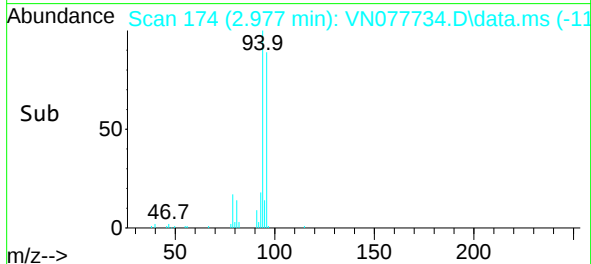
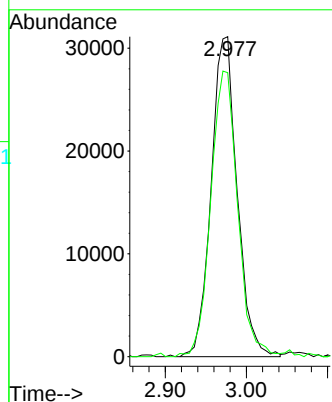
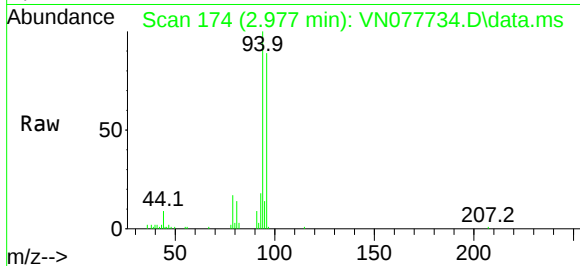




#5
Bromomethane
Concen: 16.904 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077734.D
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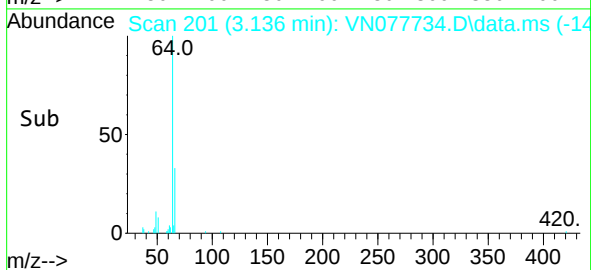
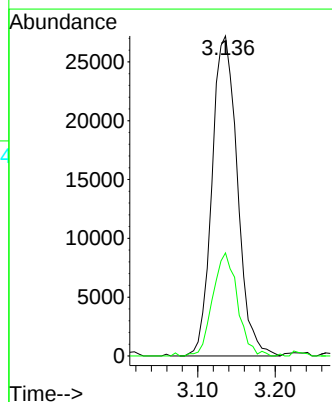
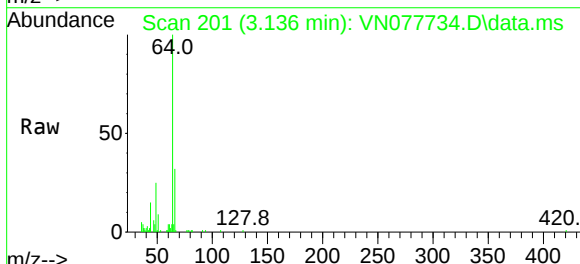
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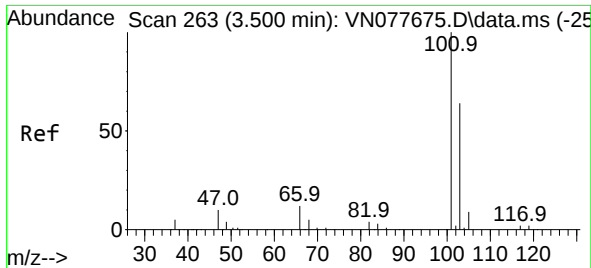
Tgt Ion: 94 Resp: 69226
Ion Ratio Lower Upper
94 100
96 87.8 73.1 109.7



#6
Chloroethane
Concen: 15.506 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 64 Resp: 61878
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

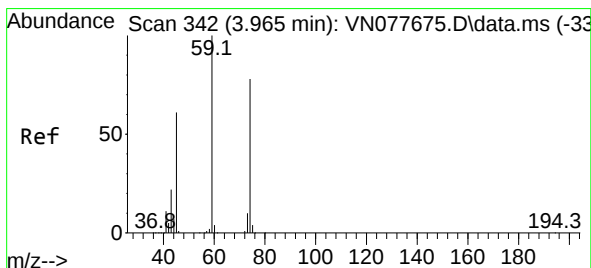
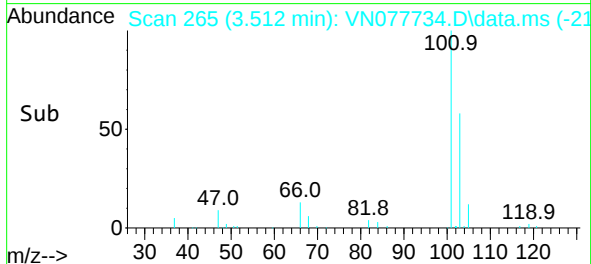
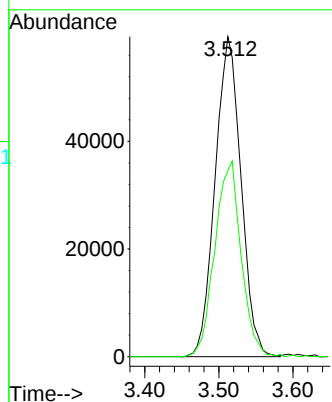
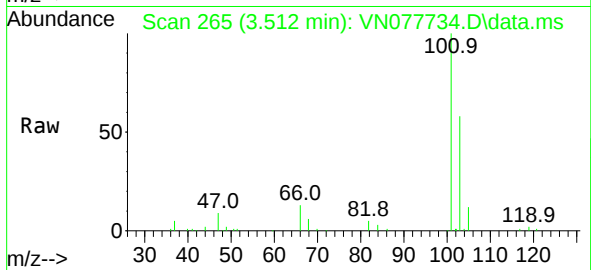




#7
 Trichlorofluoromethane
 Concen: 18.698 ug/l
 RT: 3.512 min Scan# 2
 Delta R.T. 0.012 min
 Lab File: VN077734.D
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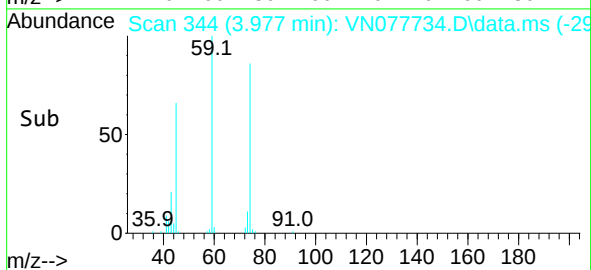
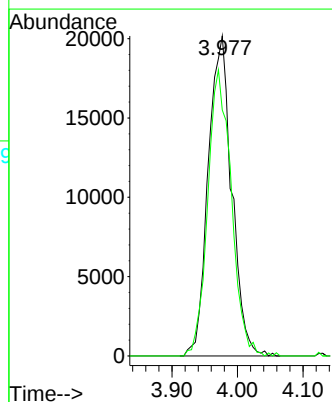
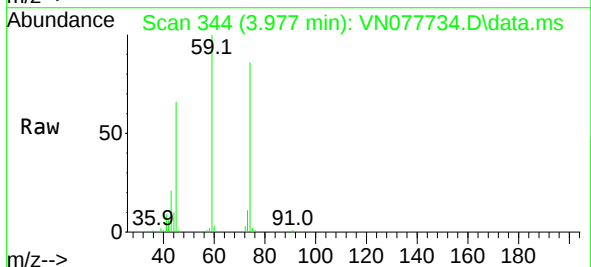
Instrument :
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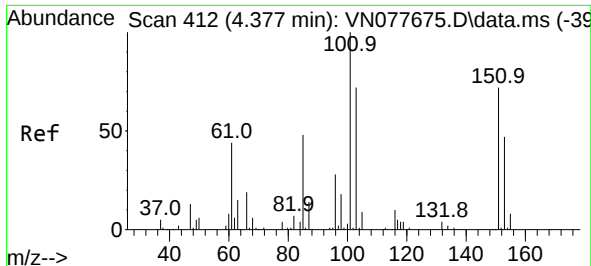
Tgt Ion:101 Resp: 144290
 Ion Ratio Lower Upper
 101 100
 103 58.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 17.844 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.012 min
 Lab File: VN077734.D
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Tgt Ion: 74 Resp: 50268
 Ion Ratio Lower Upper
 74 100
 45 89.3 34.4 103.3

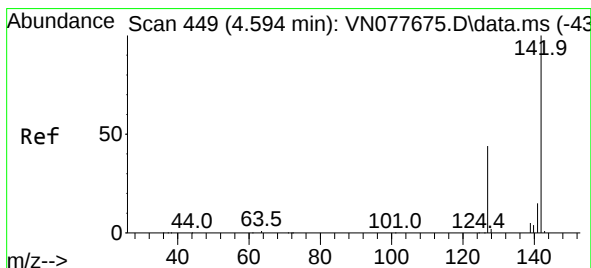
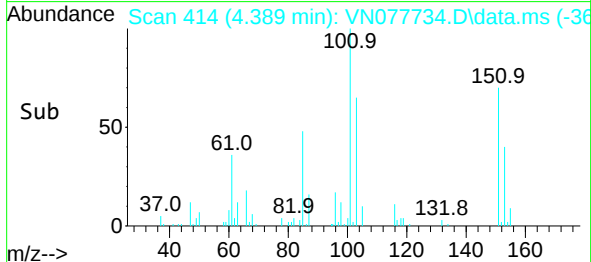
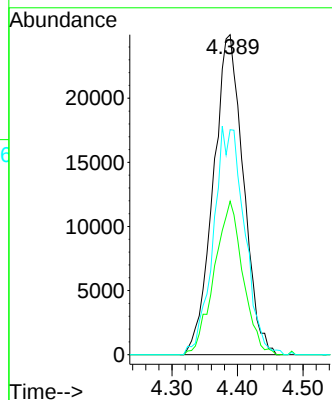
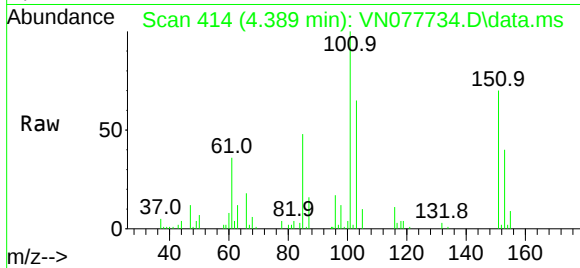




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.598 ug/l
RT: 4.389 min Scan# 41
Delta R.T. 0.012 min
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Acq: 18 May 2023 14:21

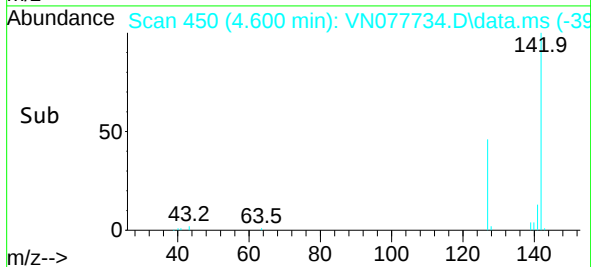
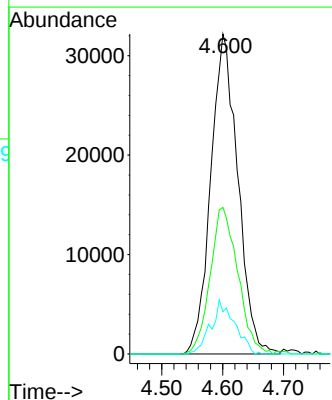
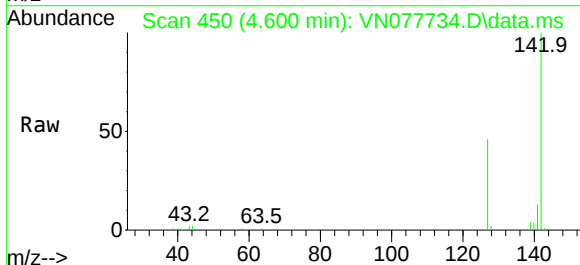
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

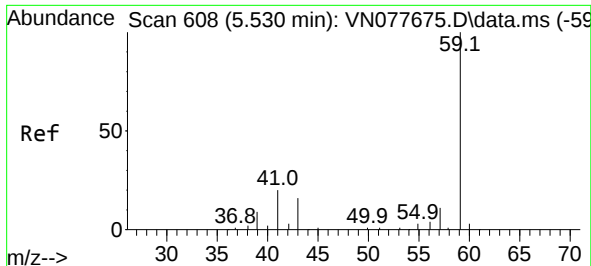
Tgt Ion:101 Resp: 79425
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 73.8 57.6 86.4



#10
Methyl Iodide
Concen: 19.496 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:142 Resp: 99291
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 13.2 11.4 17.0

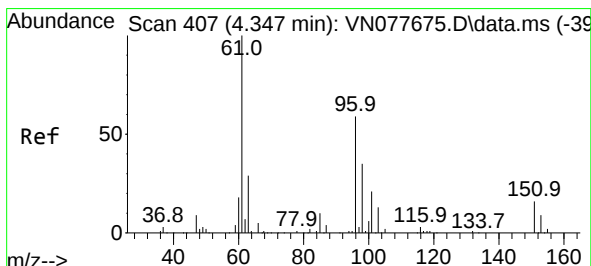
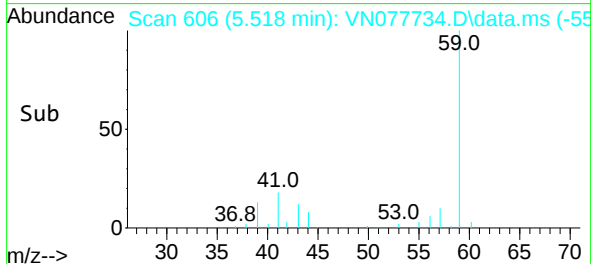
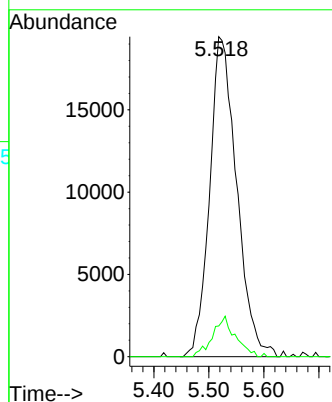
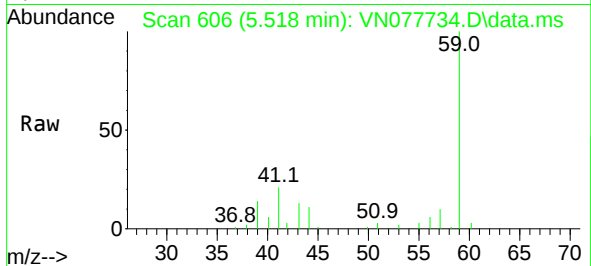




#11
Tert butyl alcohol
Concen: 83.410 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

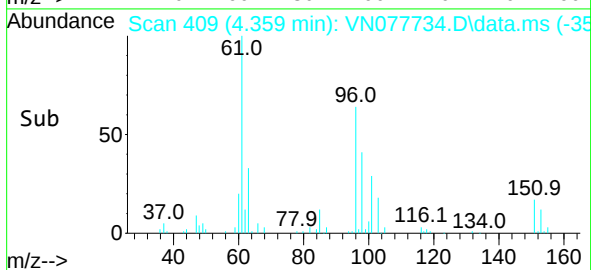
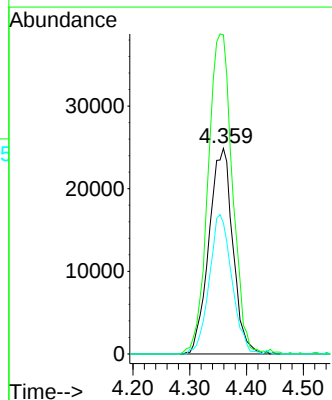
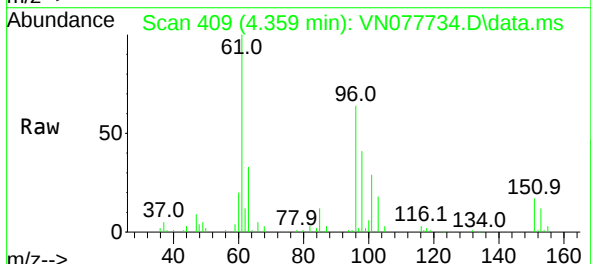
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

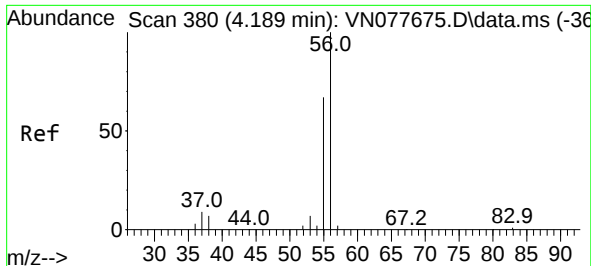
Tgt Ion: 59 Resp: 66468
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.879 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 96 Resp: 72568
Ion Ratio Lower Upper
96 100
61 155.2 112.7 169.1
98 63.7 51.2 76.8

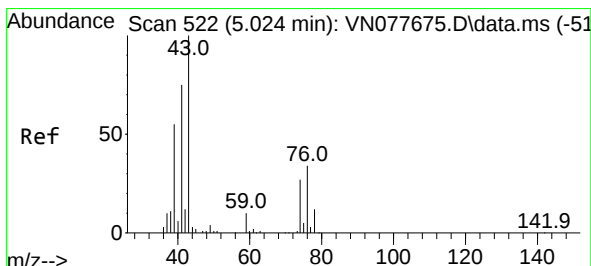
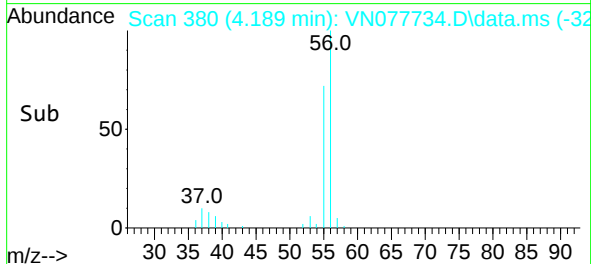
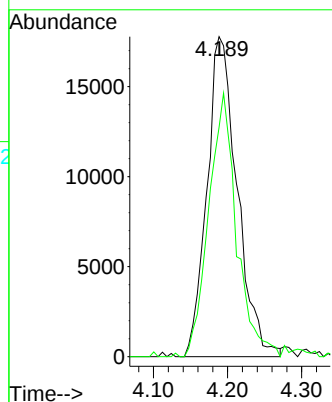
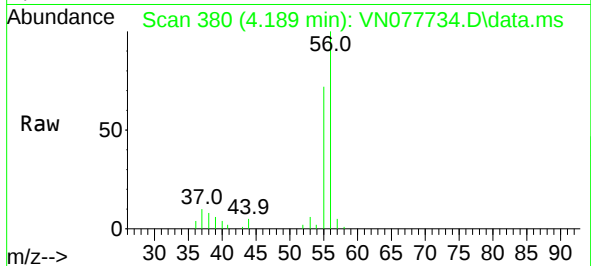




#13
Acrolein
Concen: 82.347 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

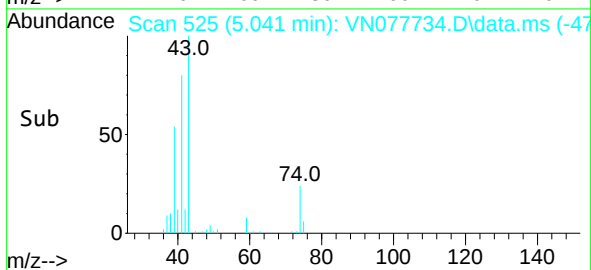
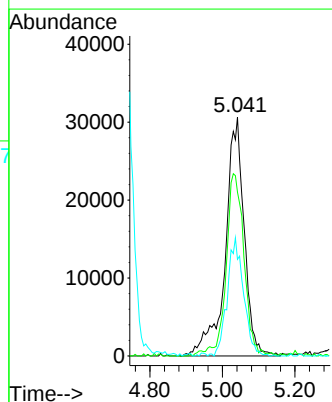
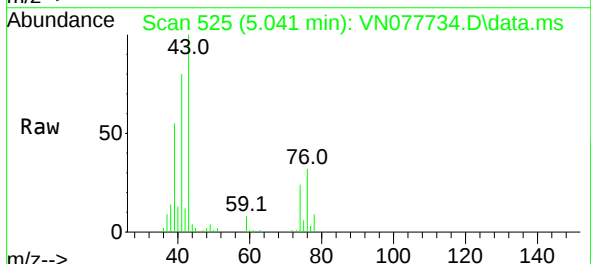
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

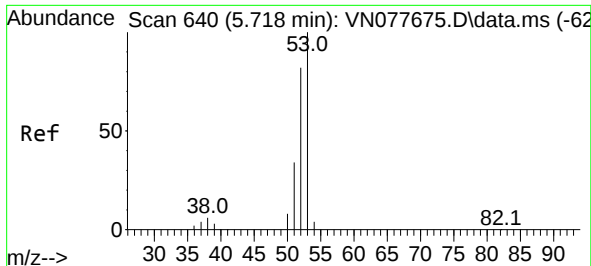
Tgt Ion: 56 Resp: 50376
Ion Ratio Lower Upper
56 100
55 75.8 54.5 81.7



#14
Allyl chloride
Concen: 18.648 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.017 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 41 Resp: 111194
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 42.5 39.1 58.7

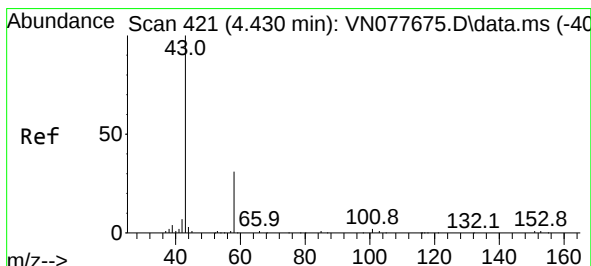
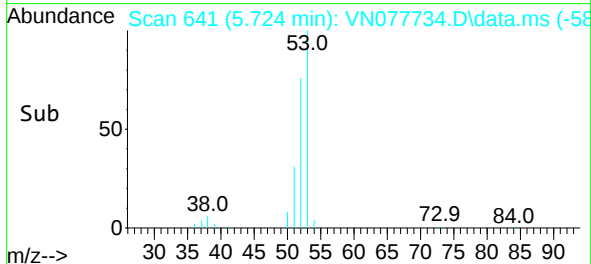
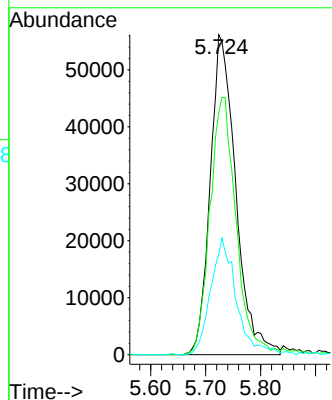
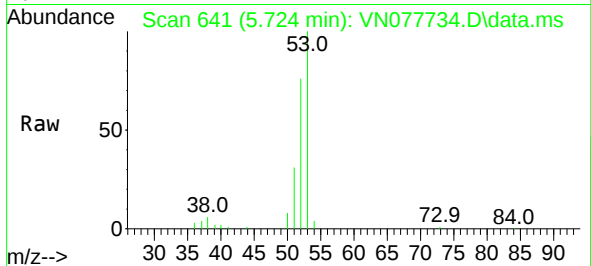




#15
Acrylonitrile
Concen: 85.280 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

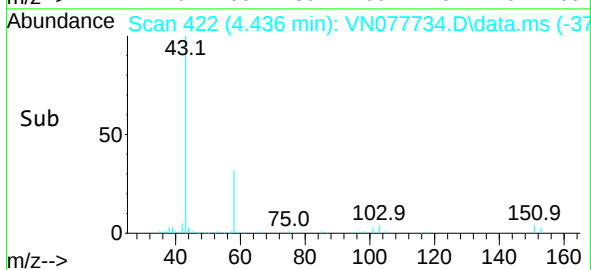
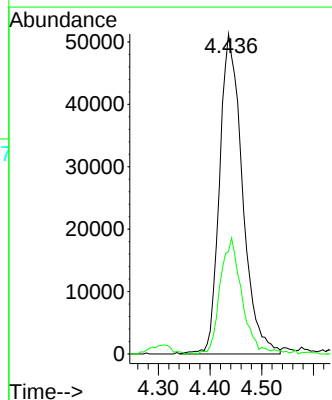
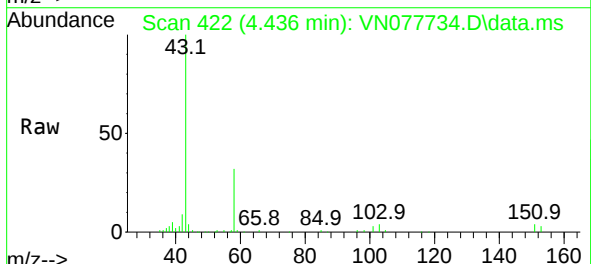
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

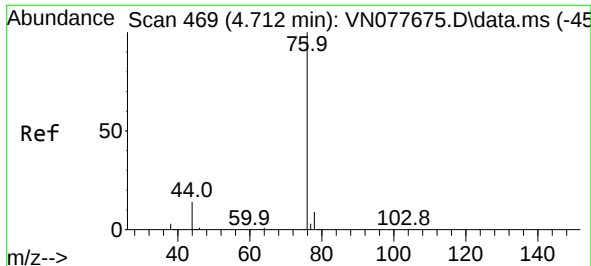
Tgt Ion: 53 Resp: 181559
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.7 28.9 43.3



#16
Acetone
Concen: 86.529 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 43 Resp: 157190
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

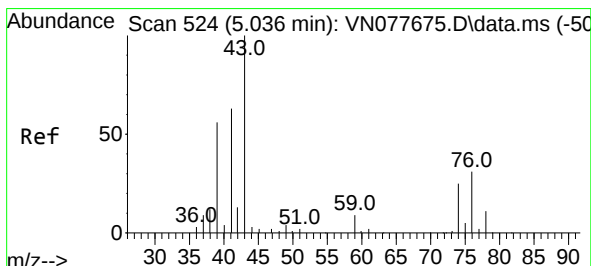
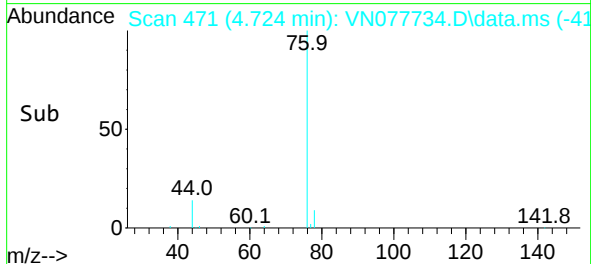
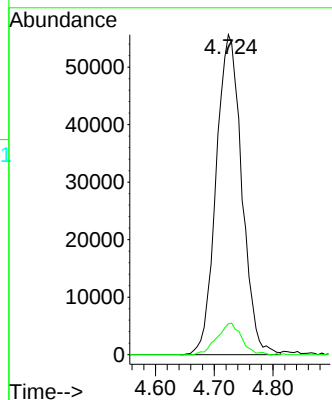
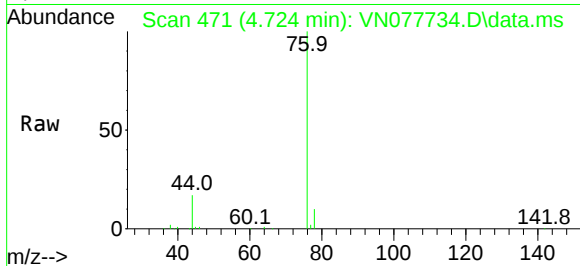




#17
Carbon Disulfide
Concen: 15.455 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

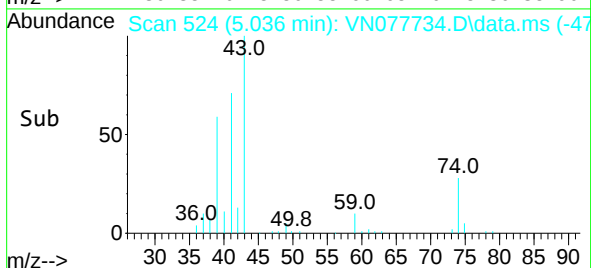
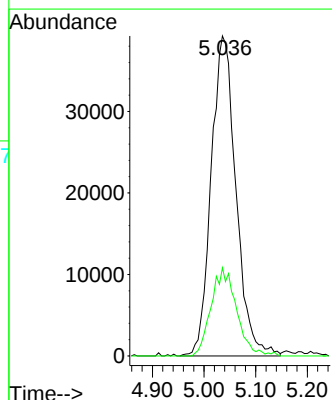
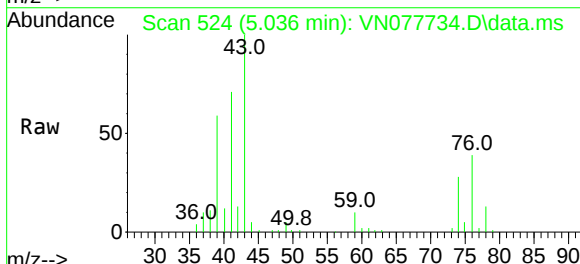
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

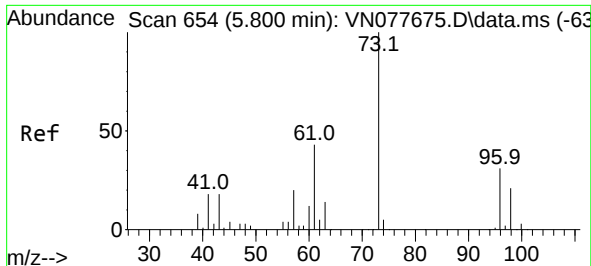
Tgt Ion: 76 Resp: 169024
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.174 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 43 Resp: 130882
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4

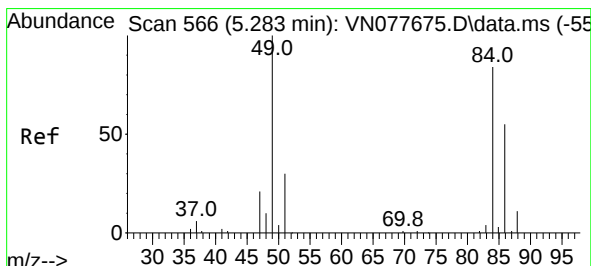
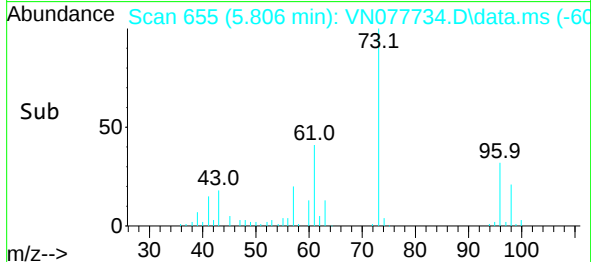
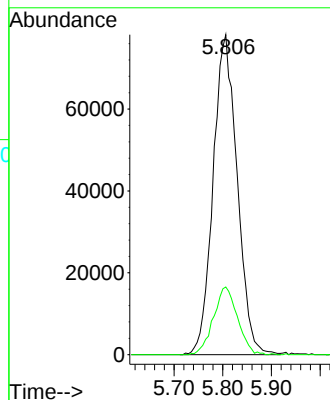
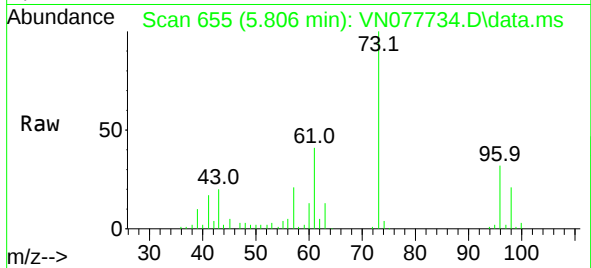




#19
Methyl tert-butyl Ether
Concen: 18.255 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

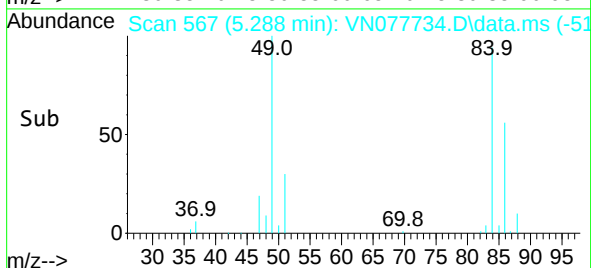
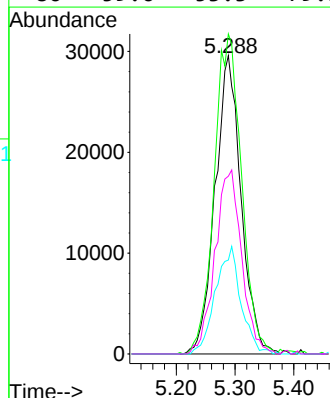
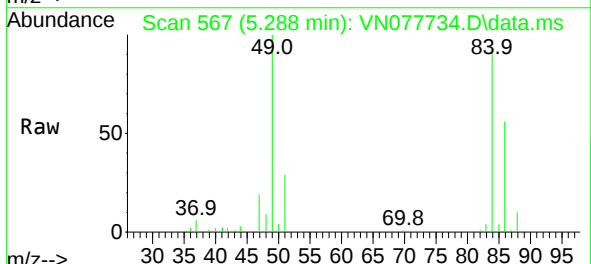
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

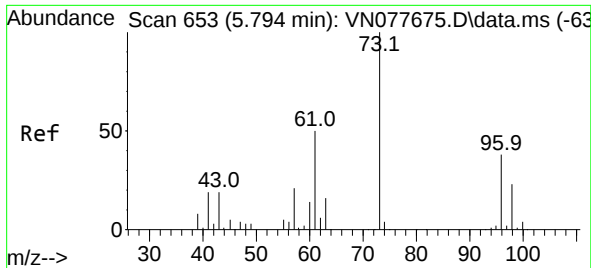
Tgt Ion: 73 Resp: 268198
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4



#20
Methylene Chloride
Concen: 17.895 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 84 Resp: 90610
Ion Ratio Lower Upper
84 100
49 106.8 79.7 119.5
51 31.5 25.2 37.8
86 59.6 53.3 79.9

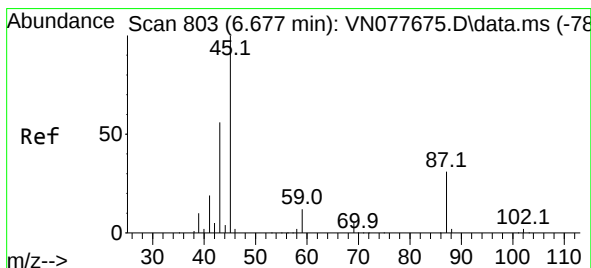
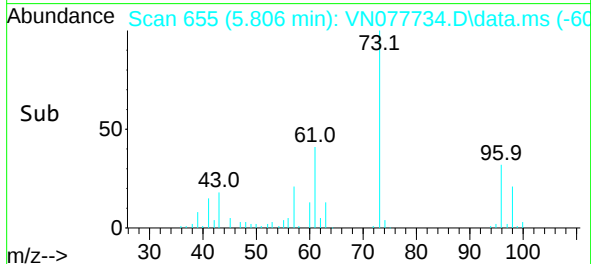
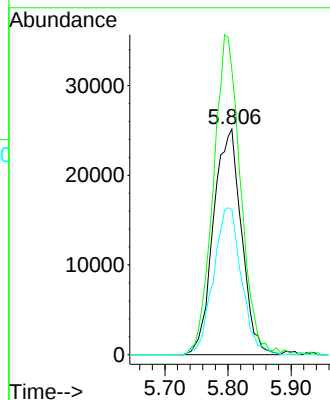
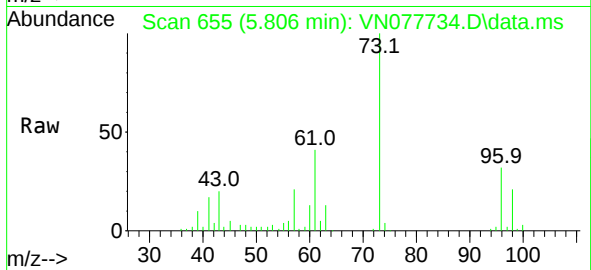




#21
trans-1,2-Dichloroethene
Concen: 17.027 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

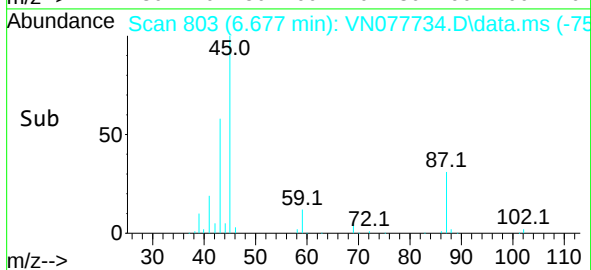
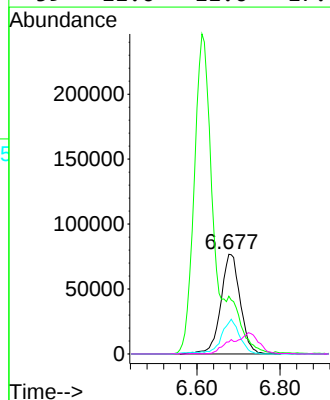
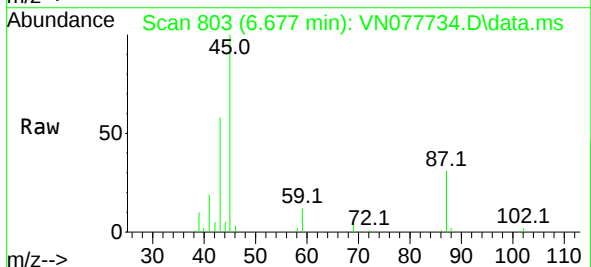
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

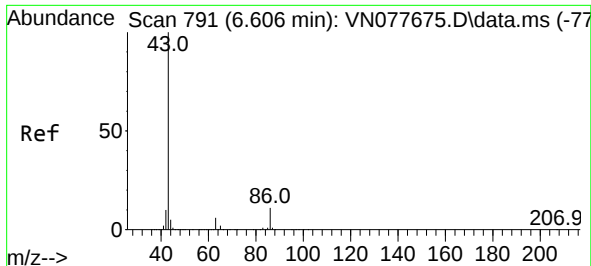
Tgt Ion: 96 Resp: 77632
Ion Ratio Lower Upper
96 100
61 126.3 90.1 135.1
98 64.4 46.4 69.6



#22
Diisopropyl ether
Concen: 17.811 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

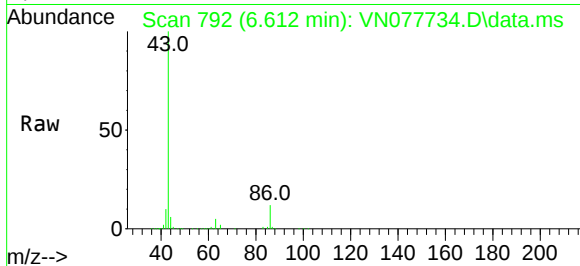
Tgt Ion: 45 Resp: 248933
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 31.2 31.8 47.8#
59 11.6 11.6 17.4#



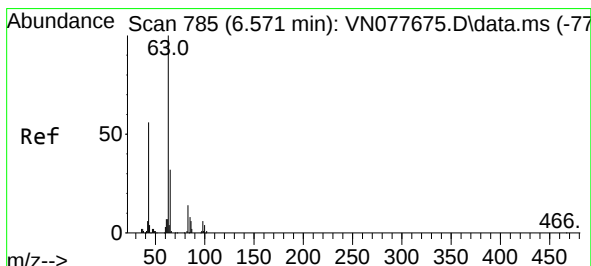
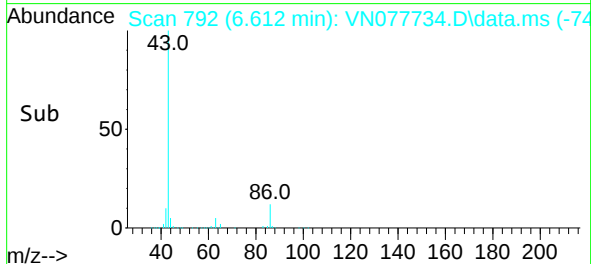
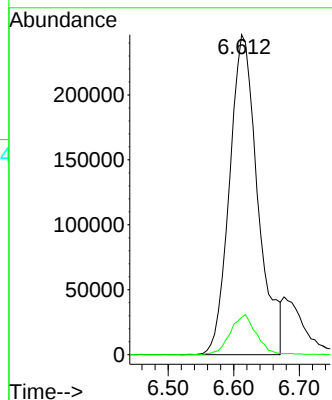


#23
 Vinyl Acetate
 Concen: 85.277 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01

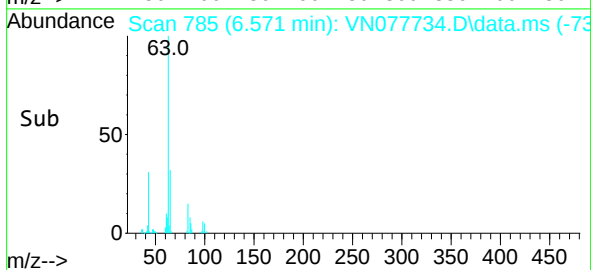
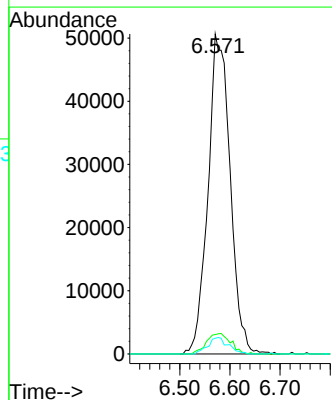
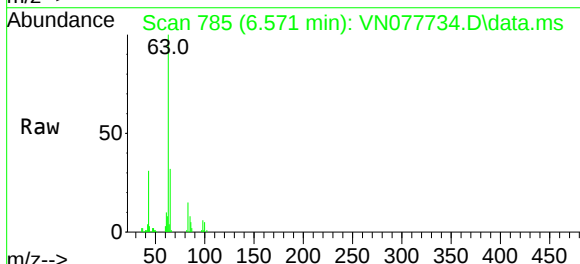


Tgt Ion: 43 Resp: 738439
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.151 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

Tgt Ion: 63 Resp: 155417
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 4.9 2.5 7.4

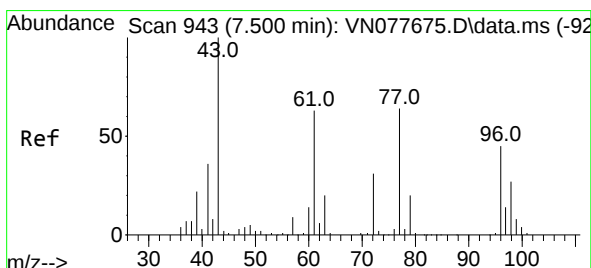
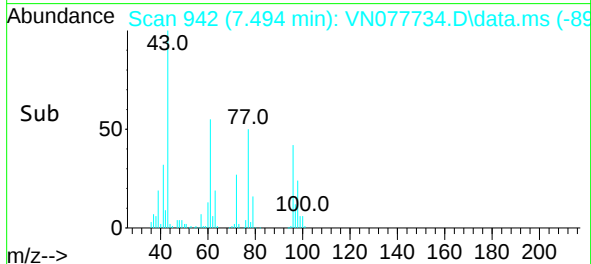
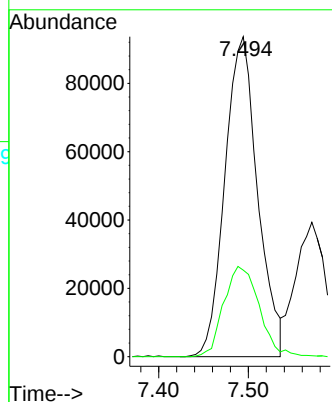
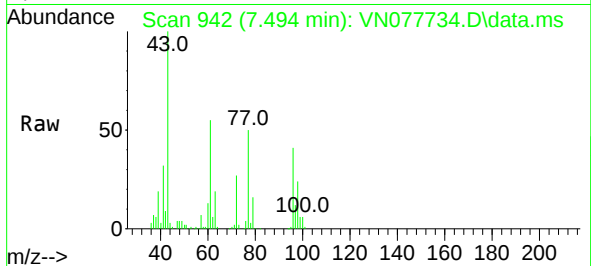




#25
2-Butanone
Concen: 83.660 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

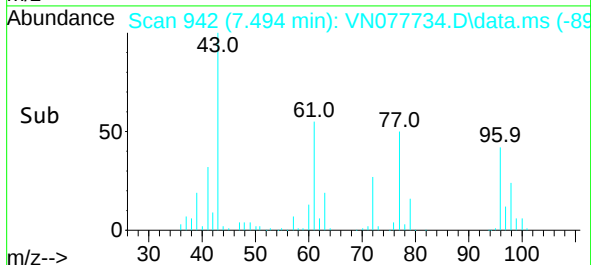
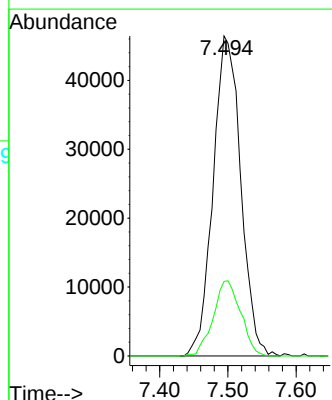
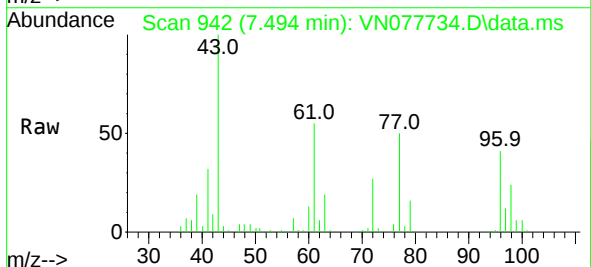
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

Tgt Ion: 43 Resp: 237741
Ion Ratio Lower Upper
43 100
72 27.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.013 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 77 Resp: 131036
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6

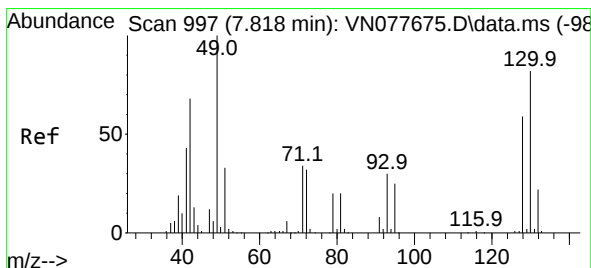
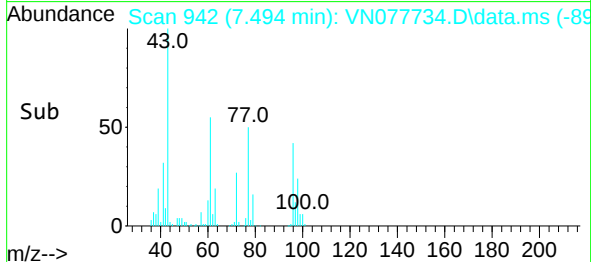
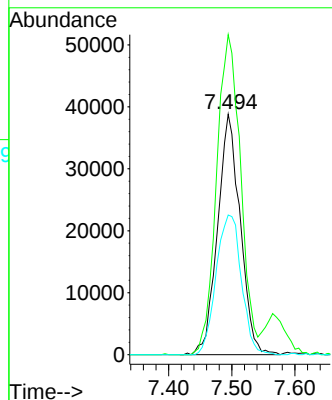
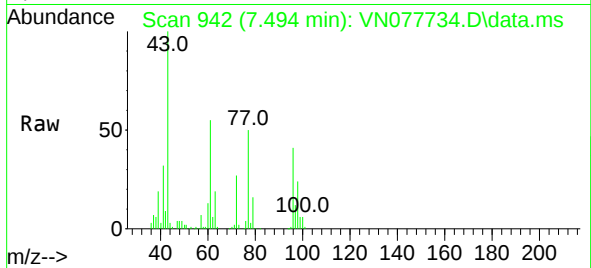




#27
 cis-1,2-Dichloroethene
 Concen: 17.699 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

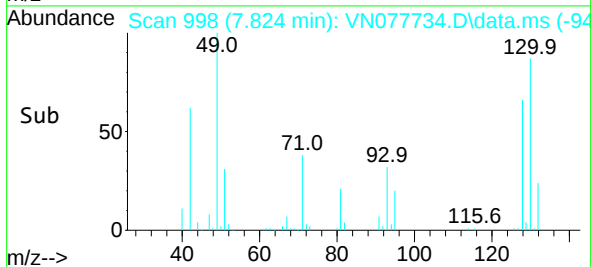
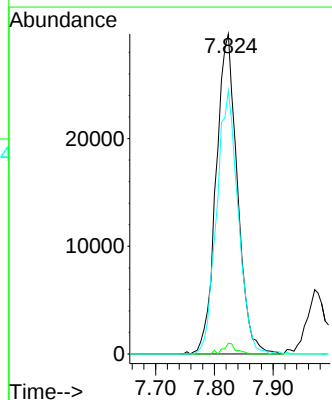
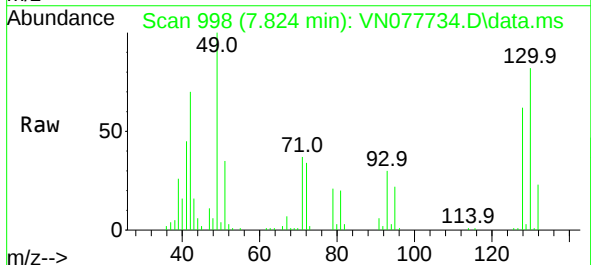
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01

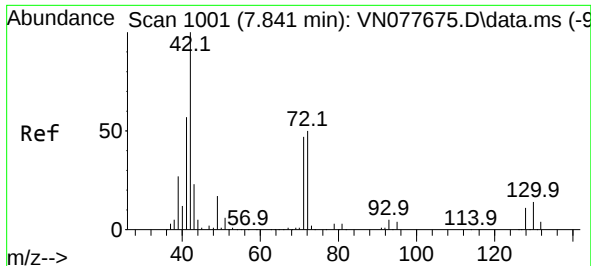
Tgt Ion: 96 Resp: 96759
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 255.2
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.180 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

Tgt Ion: 49 Resp: 74727
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 83.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 79.621 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

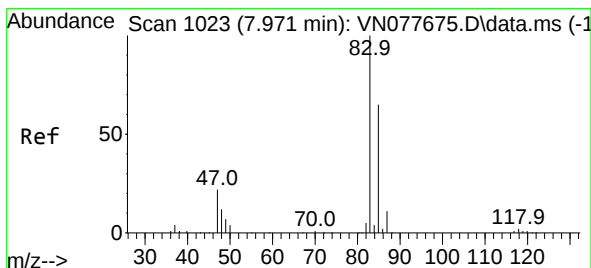
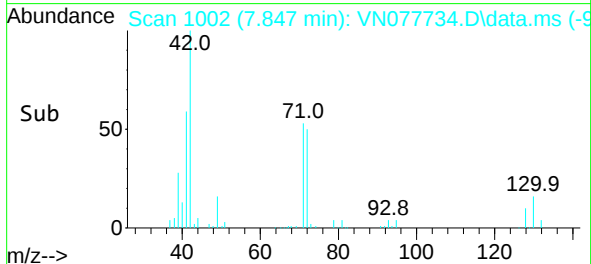
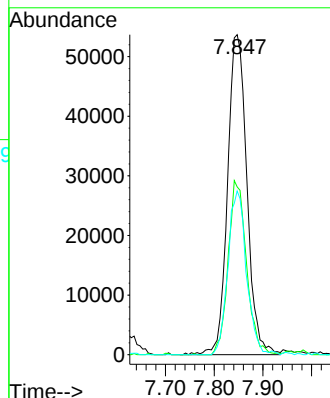
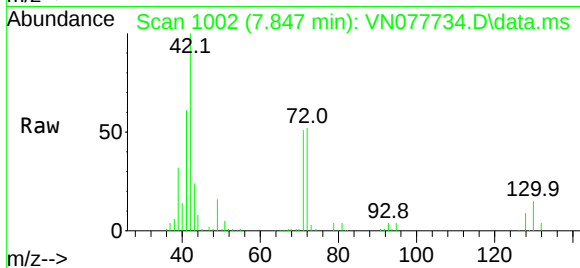
Tgt Ion: 42 Resp: 148155

Ion Ratio Lower Upper

42 100

72 51.6 49.8 74.6

71 48.8 47.4 71.2



#30

Chloroform

Concen: 18.148 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077734.D

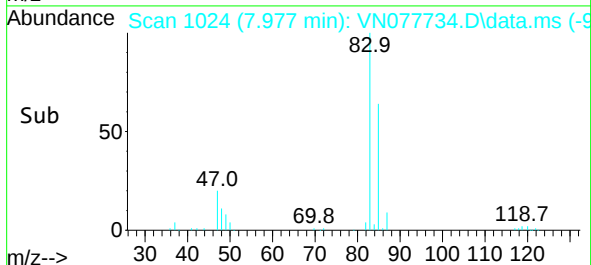
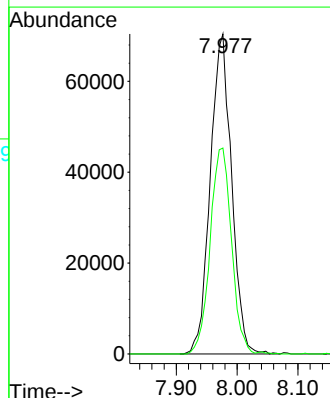
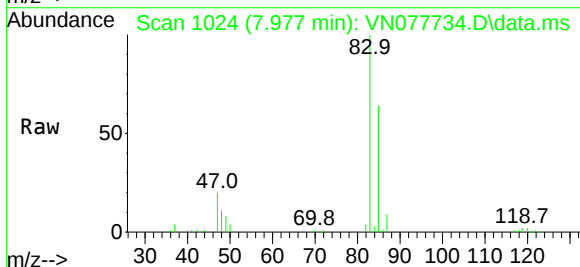
Acq: 18 May 2023 14:21

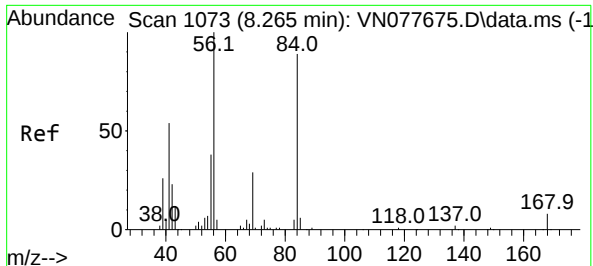
Tgt Ion: 83 Resp: 170938

Ion Ratio Lower Upper

83 100

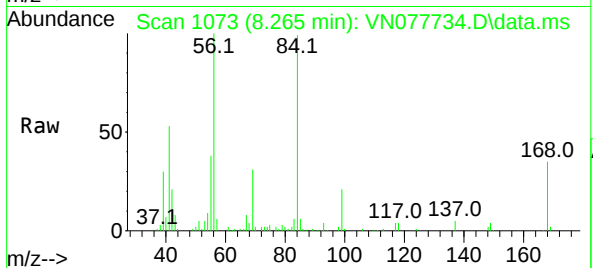
85 64.3 55.4 83.0



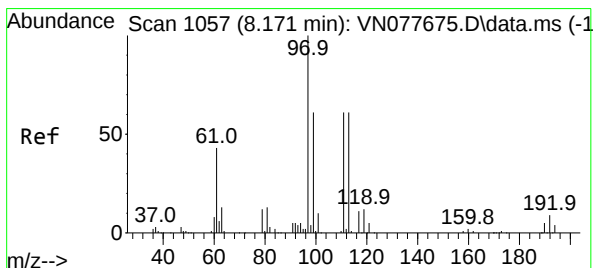
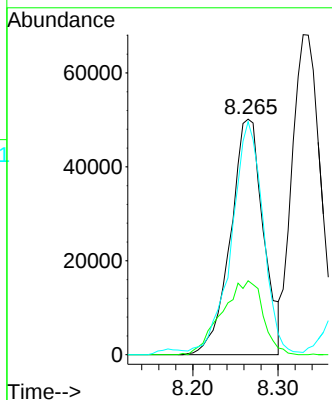
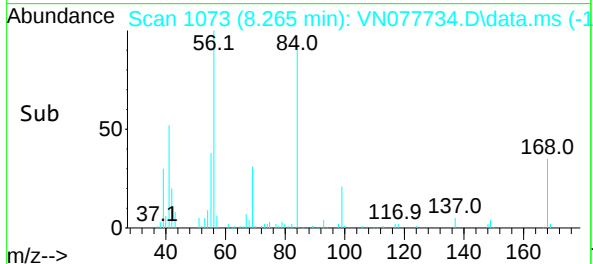


#31
Cyclohexane
Concen: 17.099 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

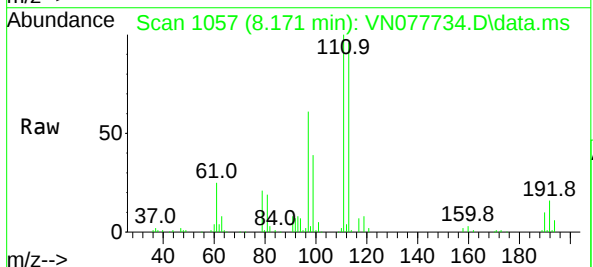
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01



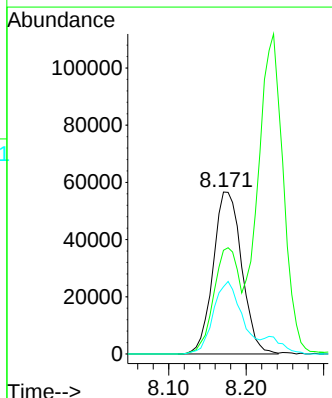
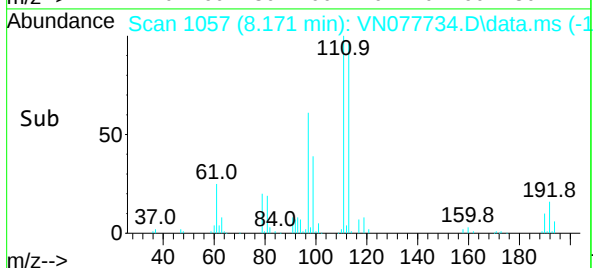
Tgt Ion: 56 Resp: 134192
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 96.9 81.8 122.6

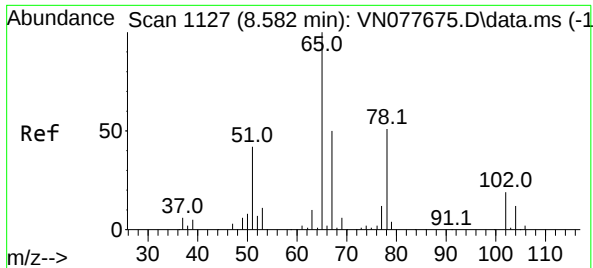


#32
1,1,1-Trichloroethane
Concen: 18.117 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21



Tgt Ion: 97 Resp: 145078
Ion Ratio Lower Upper
97 100
99 58.1 50.3 75.5
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.285 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

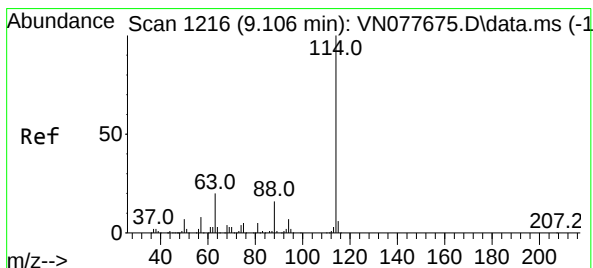
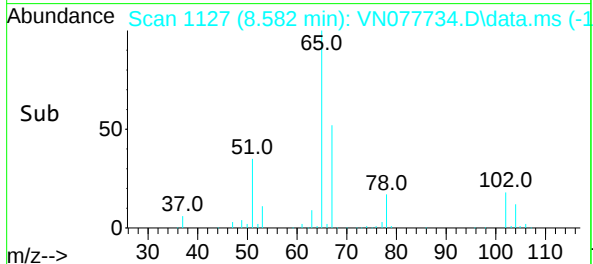
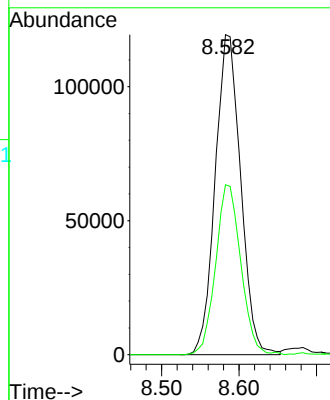
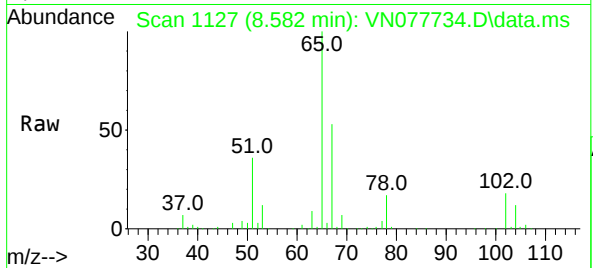
VN0518WBSD01

Tgt Ion: 65 Resp: 273029

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

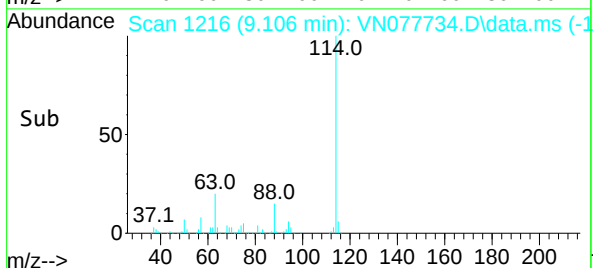
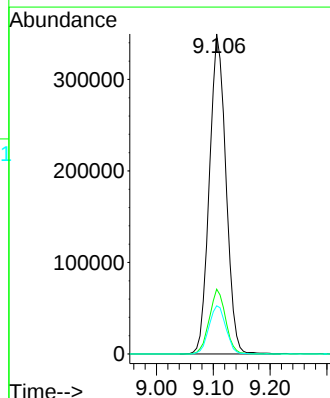
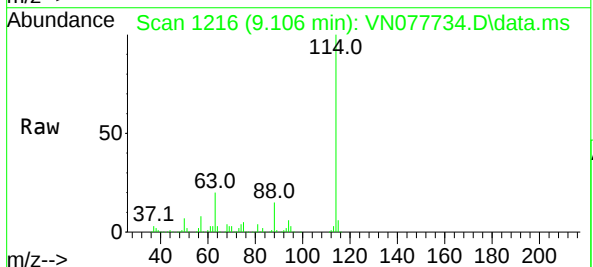
Tgt Ion: 114 Resp: 705651

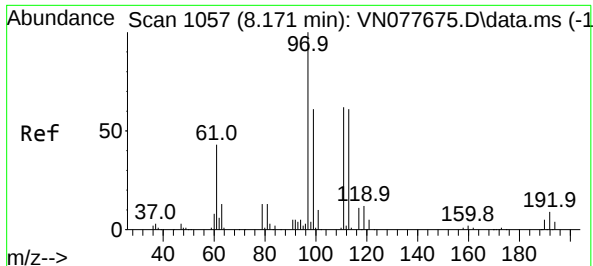
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.410 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

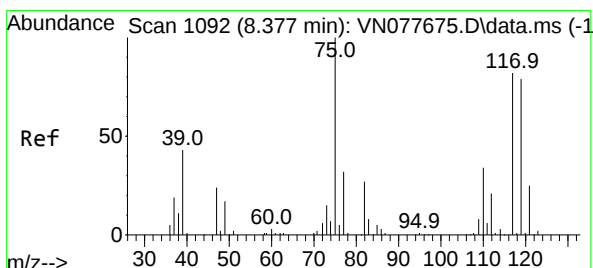
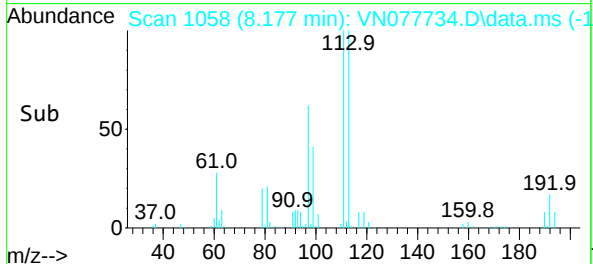
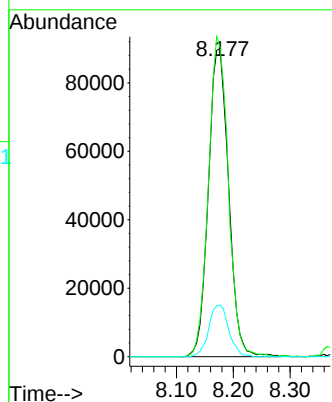
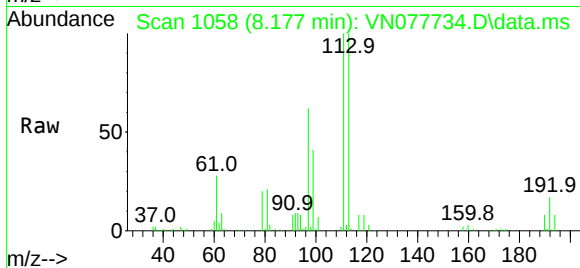
Tgt Ion:113 Resp: 222757

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 16.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 17.637 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

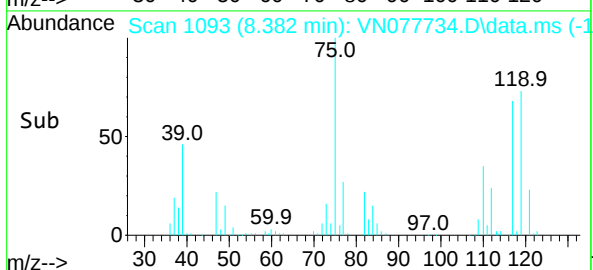
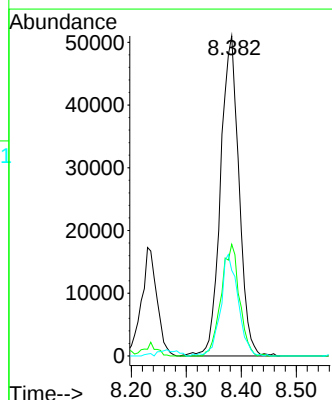
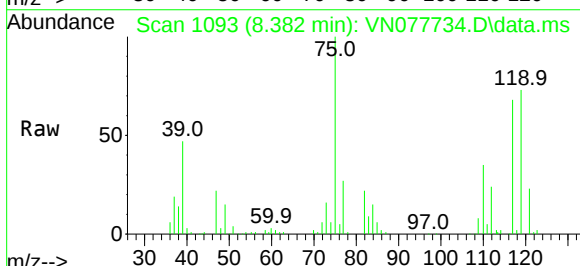
Tgt Ion: 75 Resp: 118702

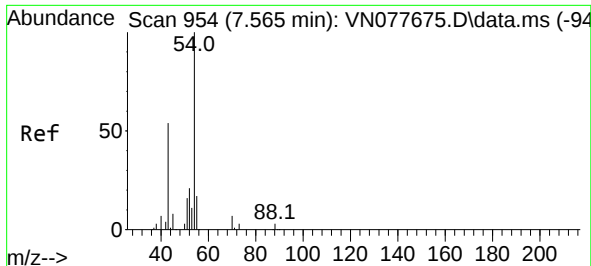
Ion Ratio Lower Upper

75 100

110 34.5 19.1 57.3

77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 16.068 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

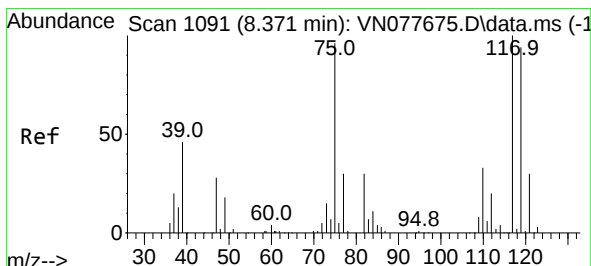
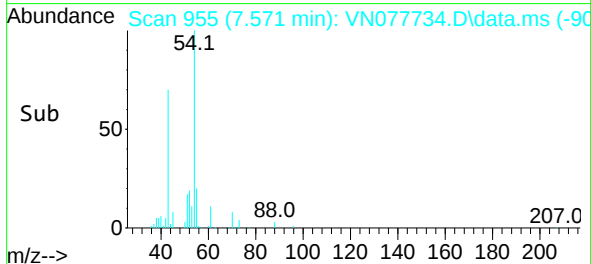
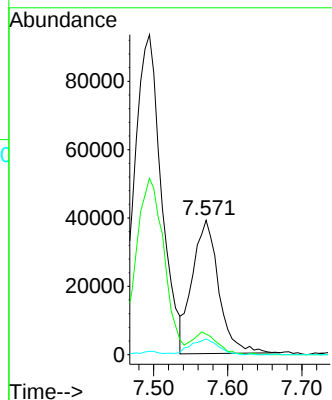
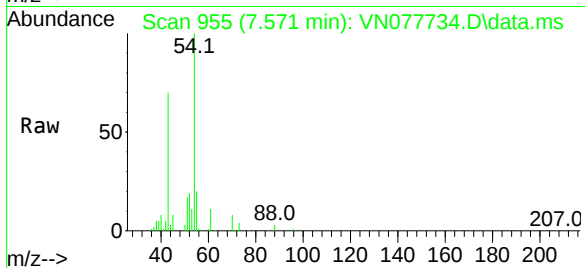
Tgt Ion: 43 Resp: 96391

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 12.4 11.3 16.9



#38

Carbon Tetrachloride

Concen: 18.134 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

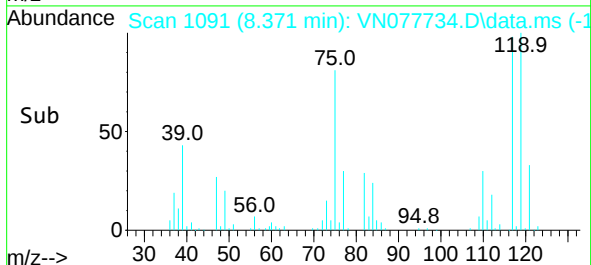
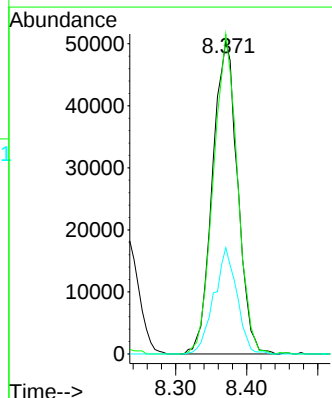
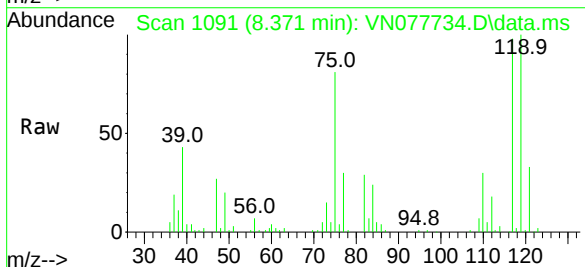
Tgt Ion: 117 Resp: 123245

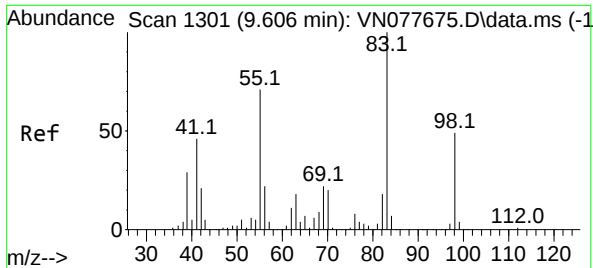
Ion Ratio Lower Upper

117 100

119 102.3 77.3 115.9

121 33.9 23.3 34.9





#39

Methylcyclohexane

Concen: 17.749 ug/l

RT: 9.612 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

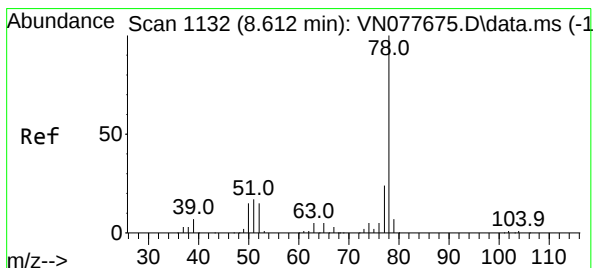
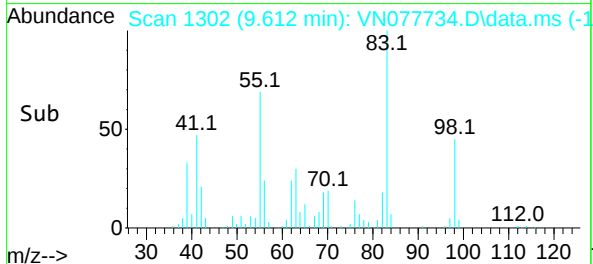
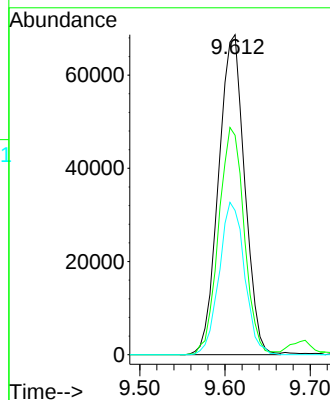
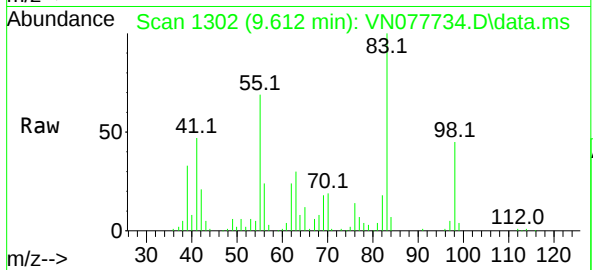
Tgt Ion: 83 Resp: 146249

Ion Ratio Lower Upper

83 100

55 68.6 49.1 73.7

98 45.1 40.6 61.0



#40

Benzene

Concen: 18.116 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077734.D

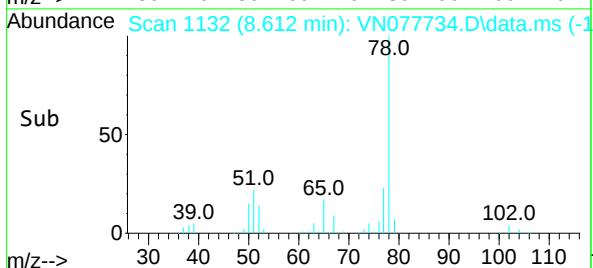
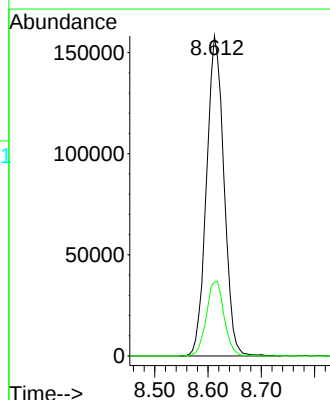
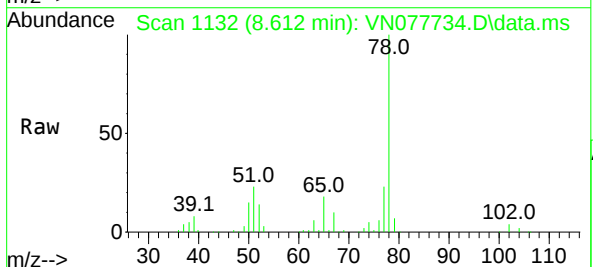
Acq: 18 May 2023 14:21

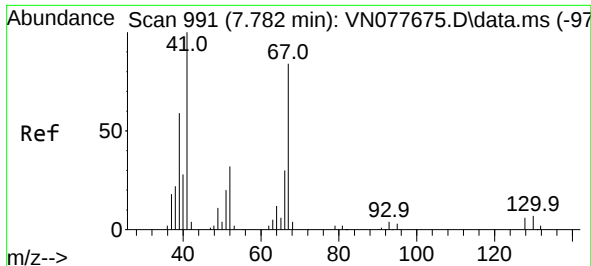
Tgt Ion: 78 Resp: 359812

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

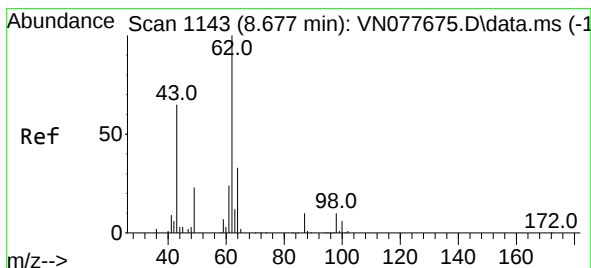
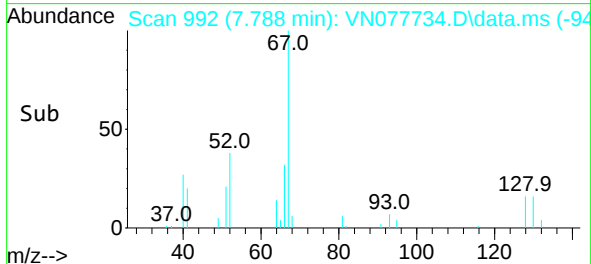
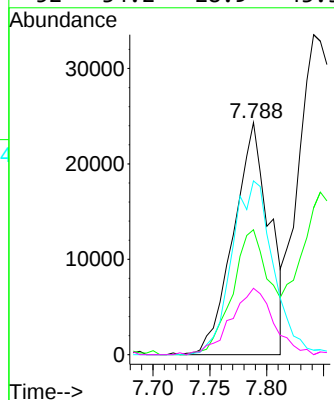
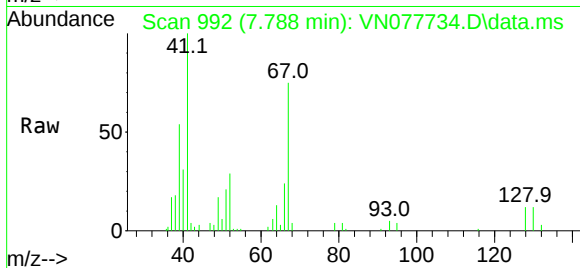




#41
Methacrylonitrile
Concen: 16.646 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

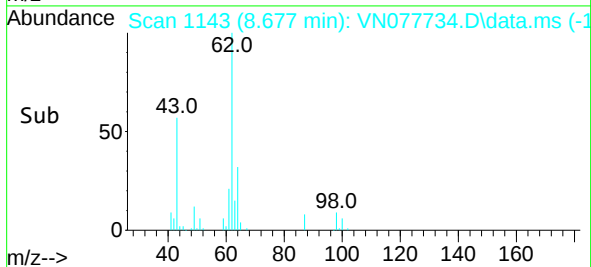
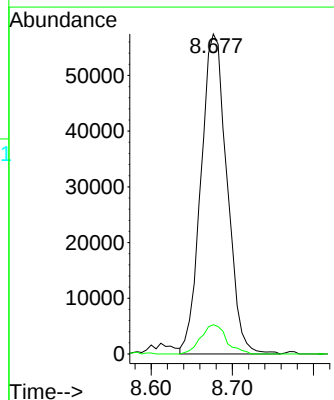
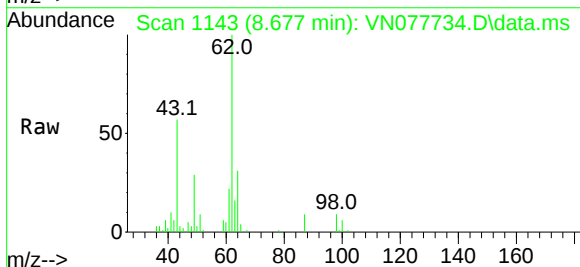
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

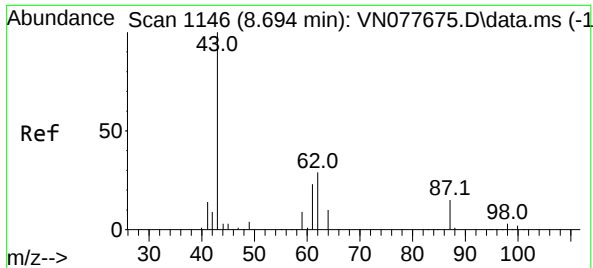
Tgt Ion:	41	Resp:	53178
Ion	Ratio	Lower	Upper
41	100		
39	56.7	42.6	64.0
67	87.4	77.5	116.3
52	34.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 17.708 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:	62	Resp:	127755
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

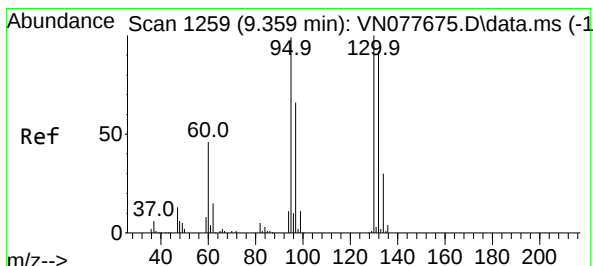
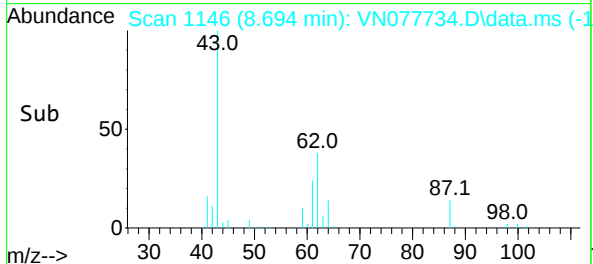
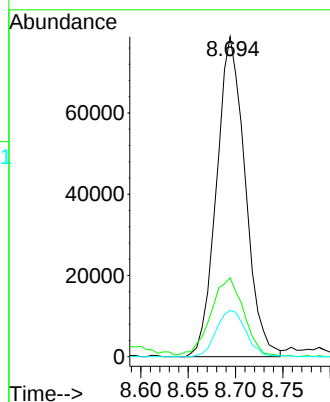
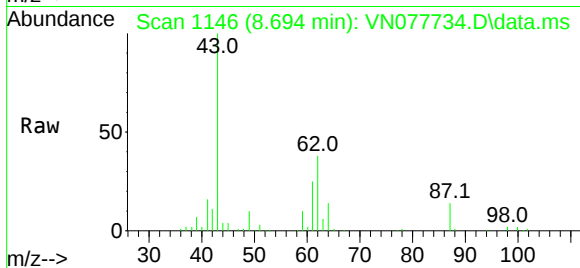




#43
Isopropyl Acetate
Concen: 16.909 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

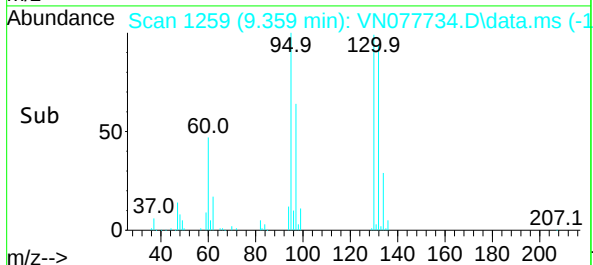
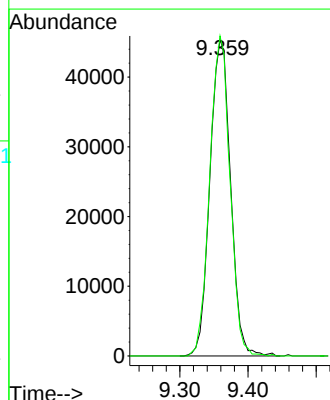
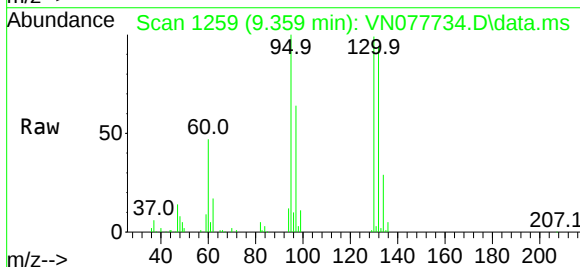
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

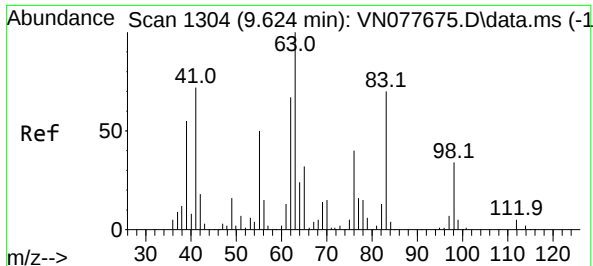
Tgt Ion: 43 Resp: 165687
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 14.9 14.6 21.8



#44
Trichloroethene
Concen: 19.026 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:130 Resp: 95681
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.249 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

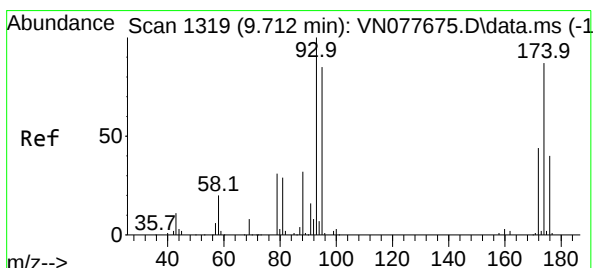
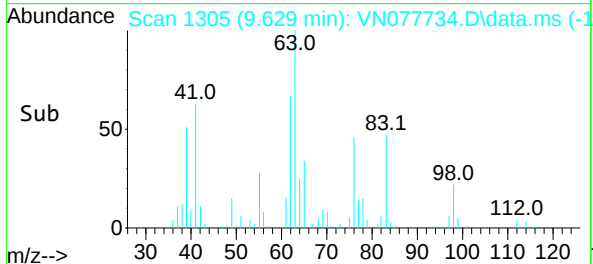
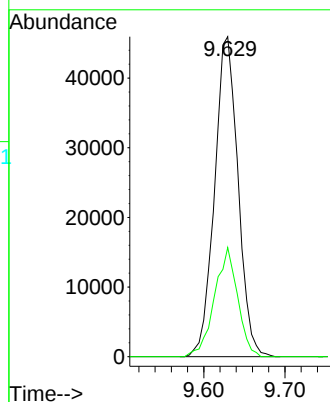
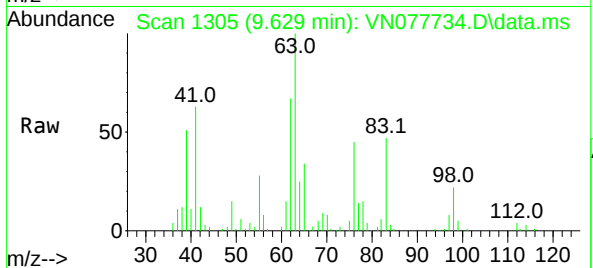
VN0518WBSD01

Tgt Ion: 63 Resp: 92447

Ion Ratio Lower Upper

63 100

65 34.1 23.9 35.9



#46

Dibromomethane

Concen: 18.682 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

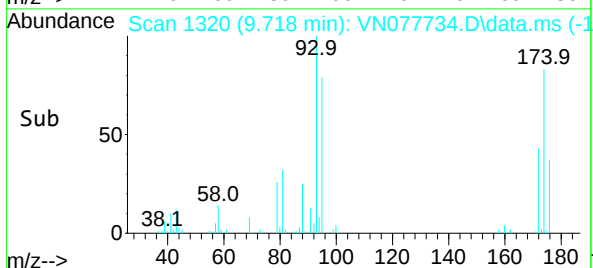
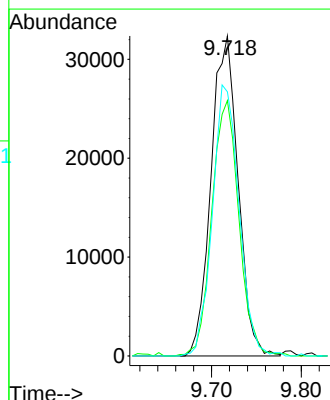
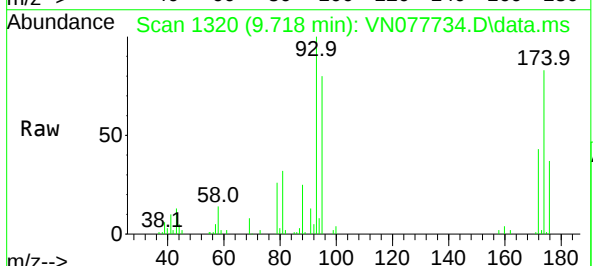
Tgt Ion: 93 Resp: 67724

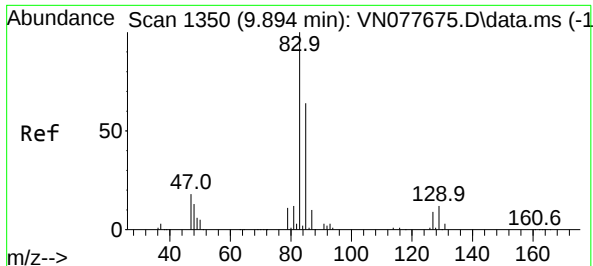
Ion Ratio Lower Upper

93 100

95 80.0 63.8 95.8

174 83.5 65.6 98.4

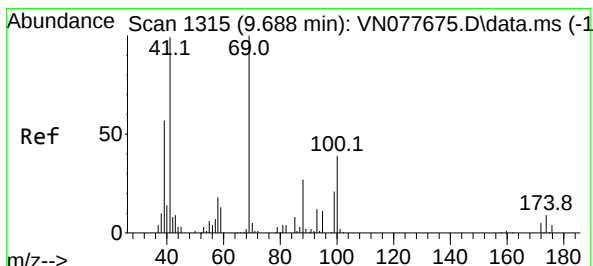
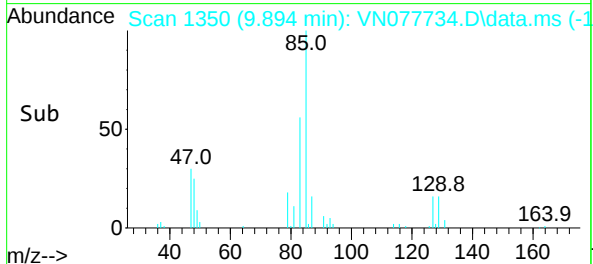
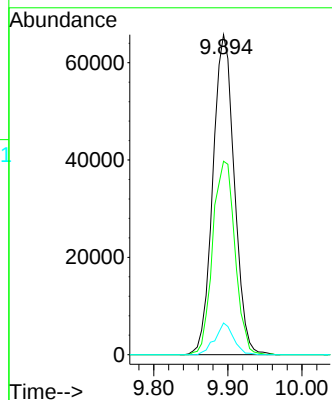
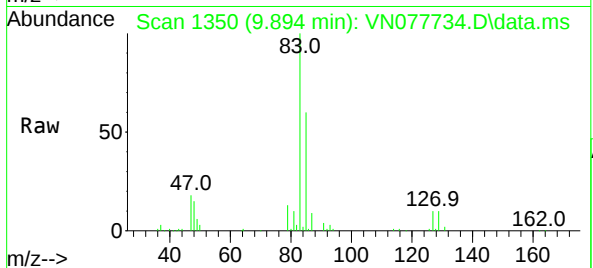




#47
Bromodichloromethane
Concen: 19.048 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

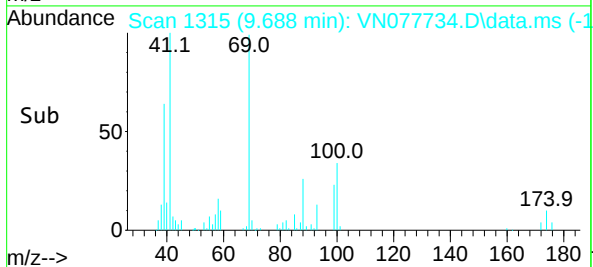
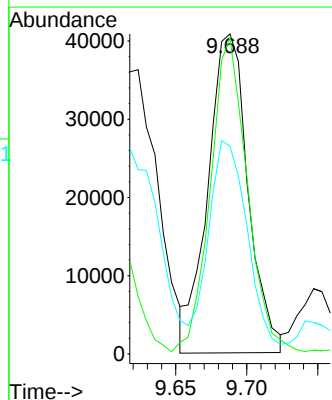
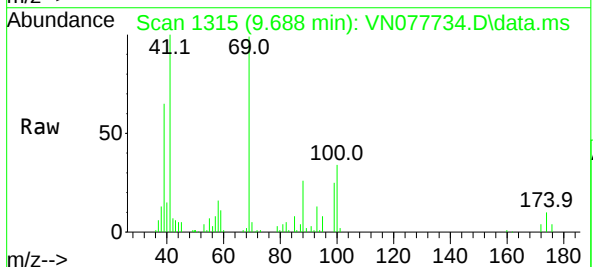
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

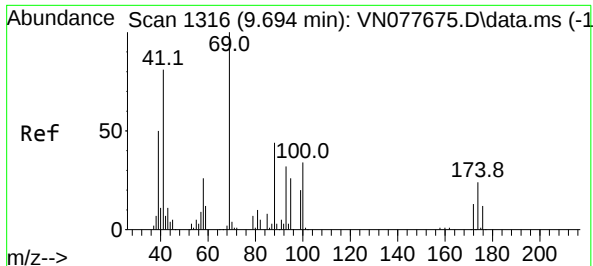
Tgt Ion: 83 Resp: 132195
Ion Ratio Lower Upper
83 100
85 60.5 49.6 74.4
127 9.9 7.0 10.6



#48
Methyl methacrylate
Concen: 17.261 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 41 Resp: 80188
Ion Ratio Lower Upper
41 100
69 90.3 90.4 135.6#
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 356.732 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

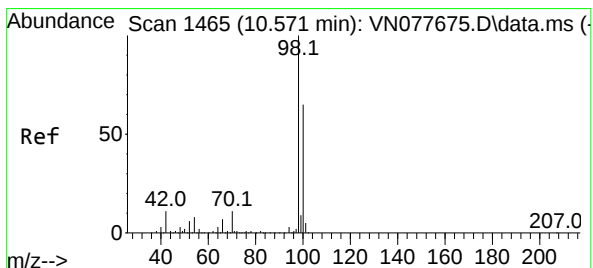
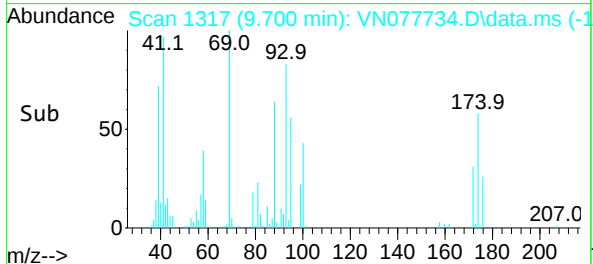
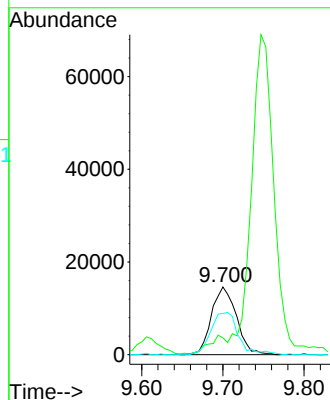
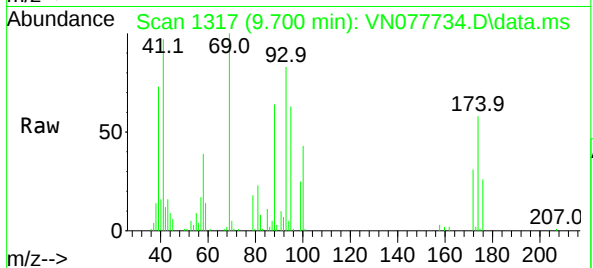
Tgt Ion: 88 Resp: 31301

Ion Ratio Lower Upper

88 100

43 19.3 17.0 25.6

58 68.5 47.0 70.4



#50

Toluene-d8

Concen: 47.479 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN077734.D

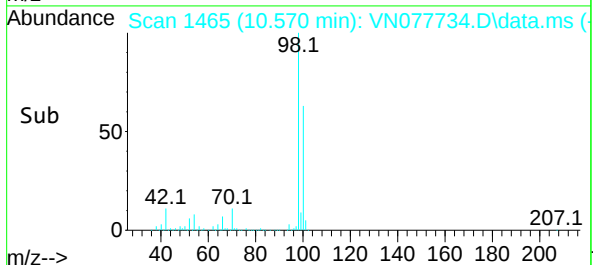
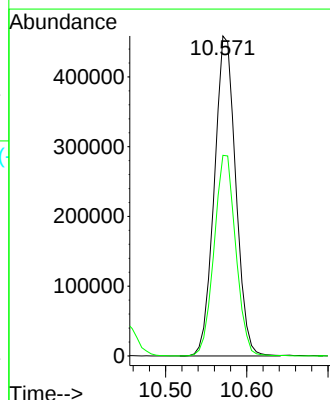
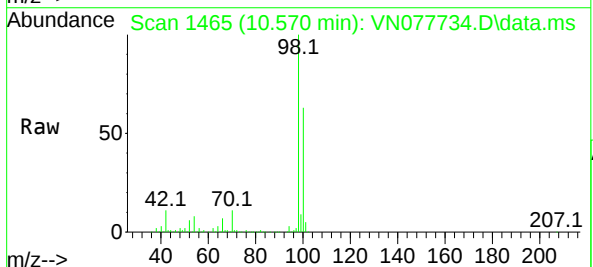
Acq: 18 May 2023 14:21

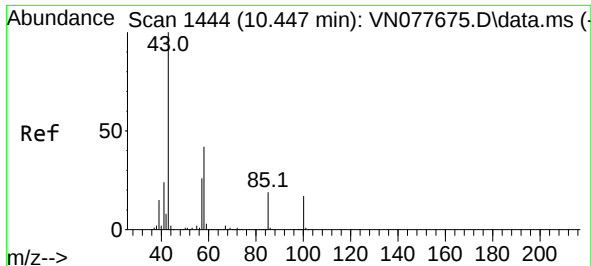
Tgt Ion: 98 Resp: 840916

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

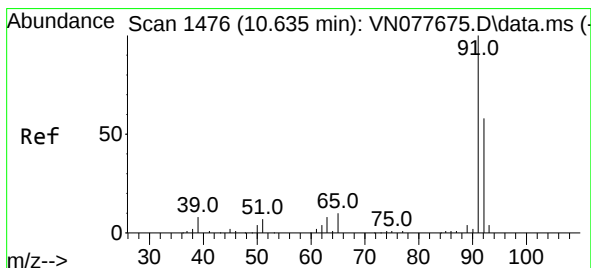
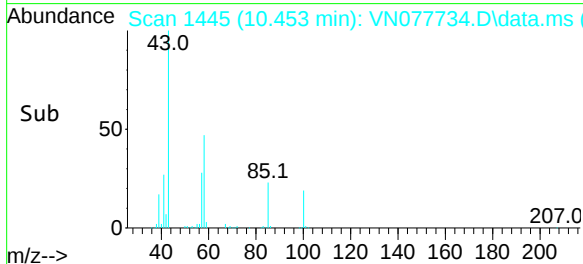
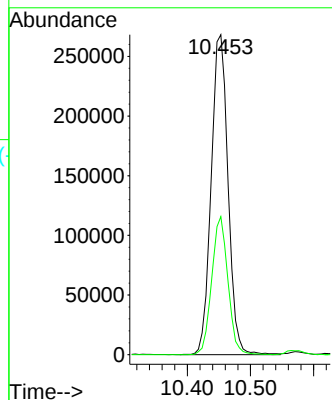
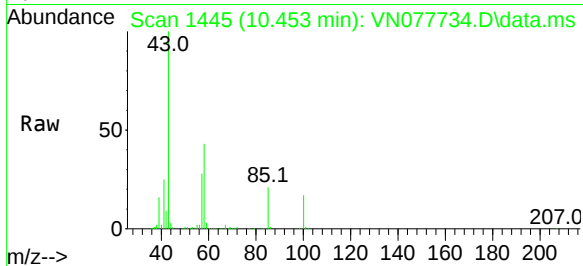




#51
4-Methyl-2-Pentanone
Concen: 85.418 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

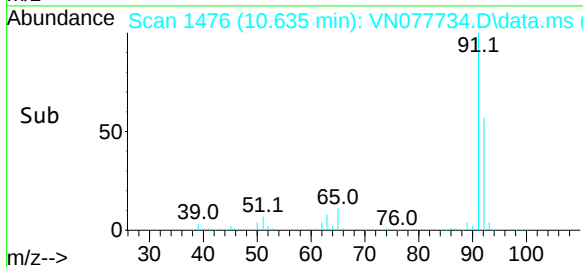
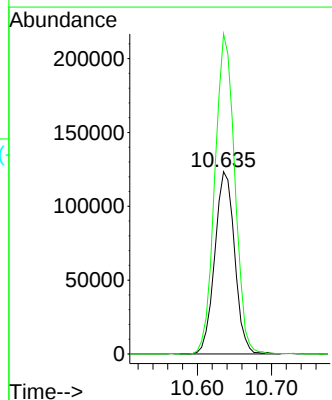
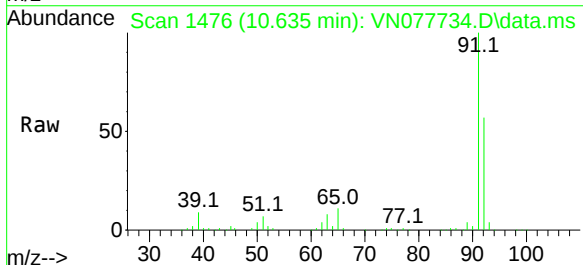
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

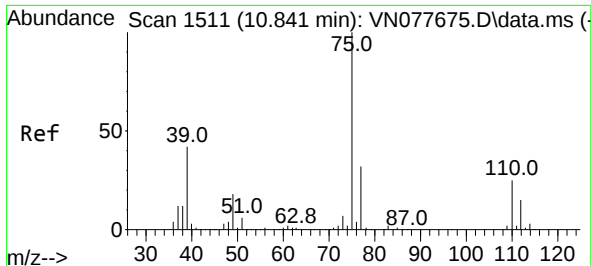
Tgt Ion: 43 Resp: 497501
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 18.584 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 92 Resp: 229782
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0

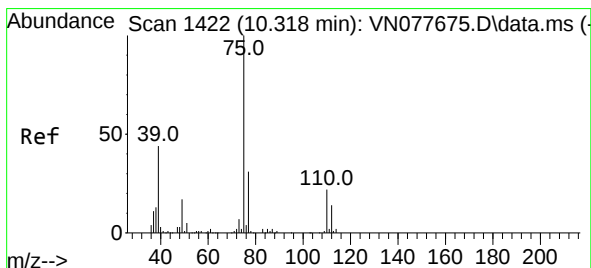
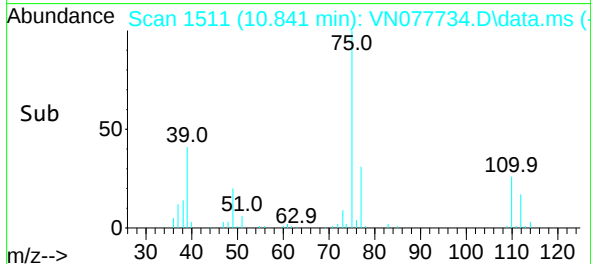
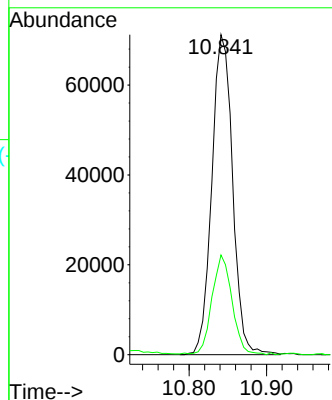
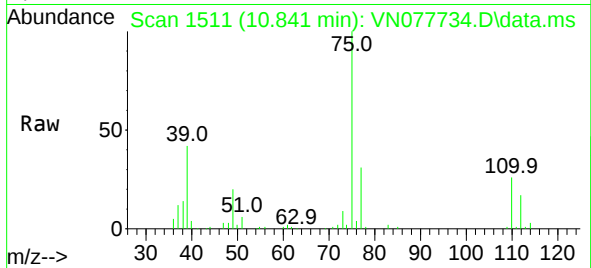




#53
t-1,3-Dichloropropene
Concen: 18.058 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

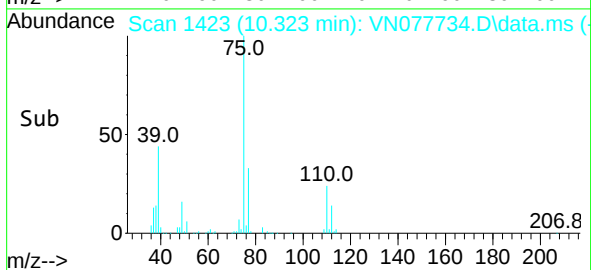
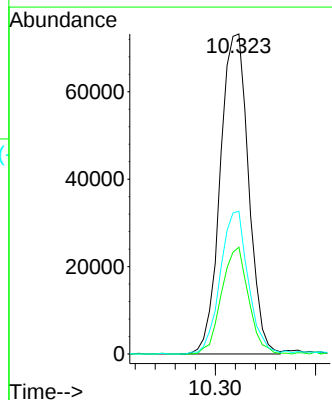
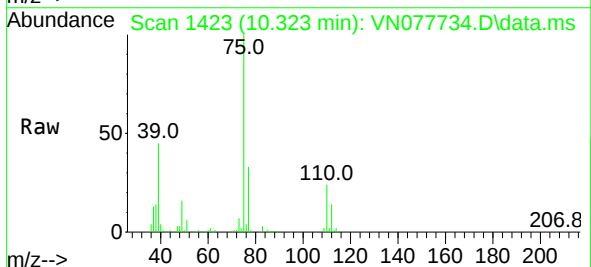
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

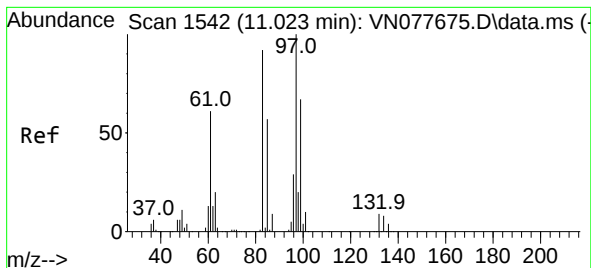
Tgt Ion: 75 Resp: 132713
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 17.737 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.005 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 75 Resp: 143651
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
39 44.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 18.290 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

Tgt Ion: 97 Resp: 89792

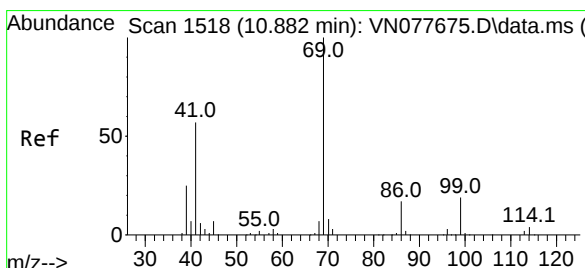
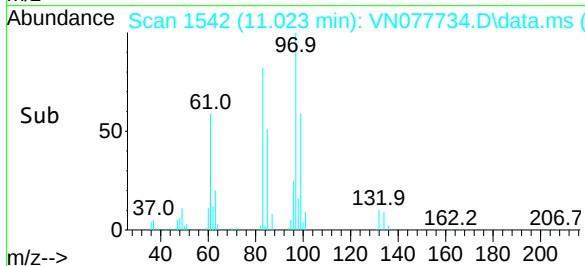
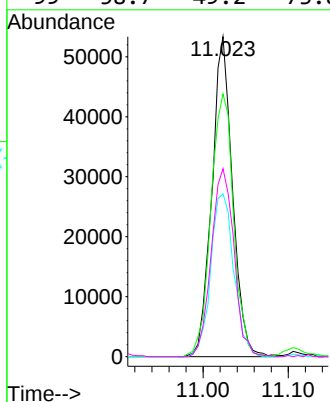
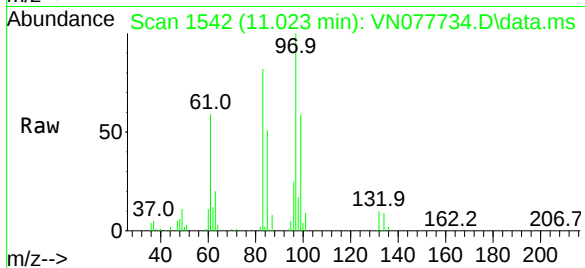
Ion Ratio Lower Upper

97 100

83 82.1 65.1 97.7

85 50.9 43.4 65.2

99 58.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 17.316 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

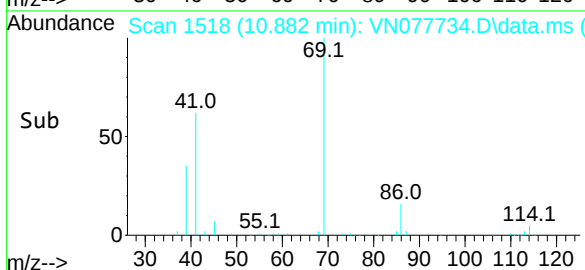
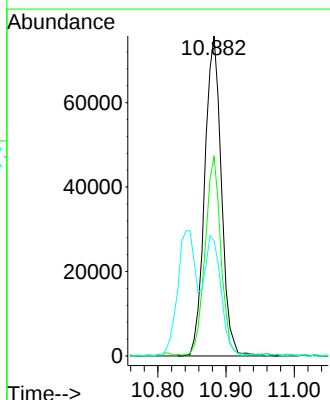
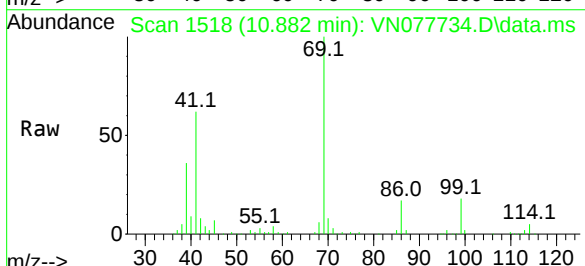
Tgt Ion: 69 Resp: 128537

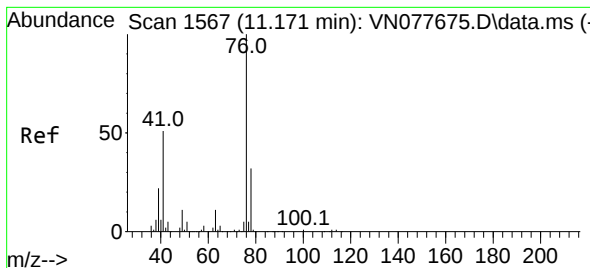
Ion Ratio Lower Upper

69 100

41 58.7 39.6 59.4

39 38.2 28.6 43.0

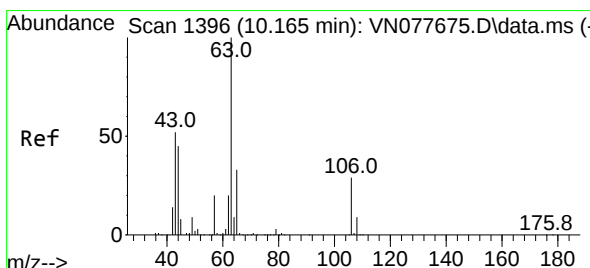
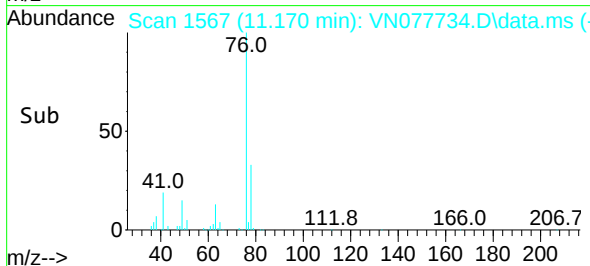
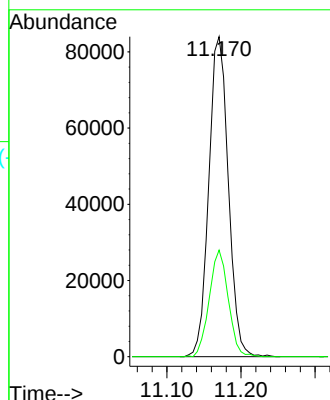
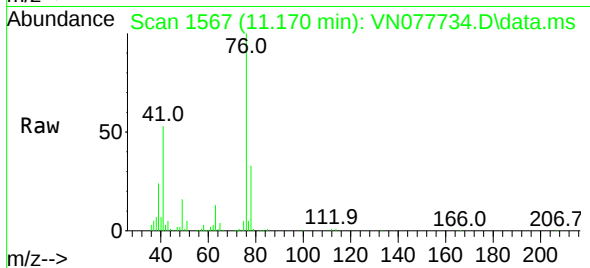




#57
1,3-Dichloropropane
Concen: 18.248 ug/l
RT: 11.170 min Scan# 111
Delta R.T. -0.001 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

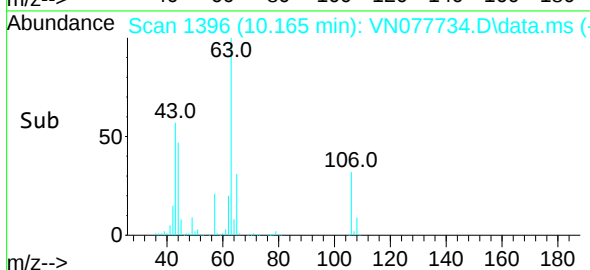
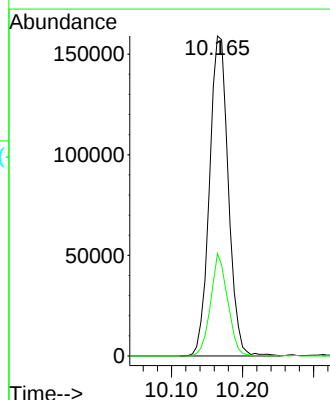
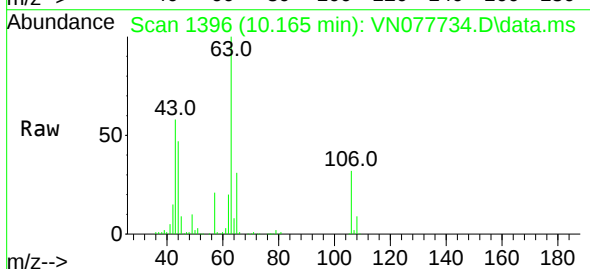
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

Tgt Ion: 76 Resp: 153580
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 80.297 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 63 Resp: 293234
Ion Ratio Lower Upper
63 100
106 28.8 26.2 39.4

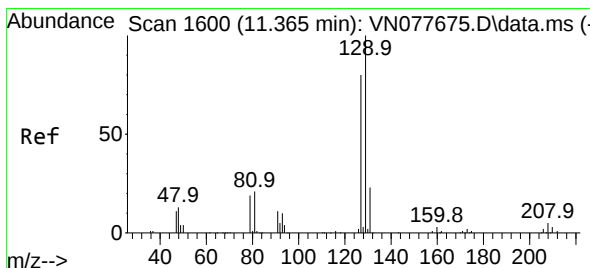
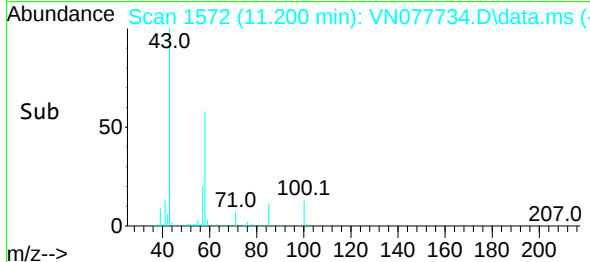
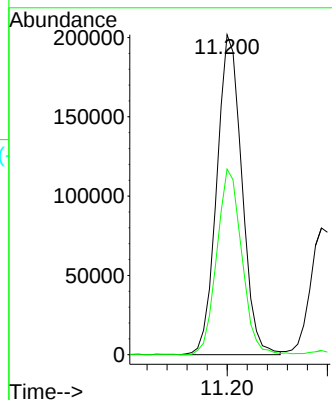
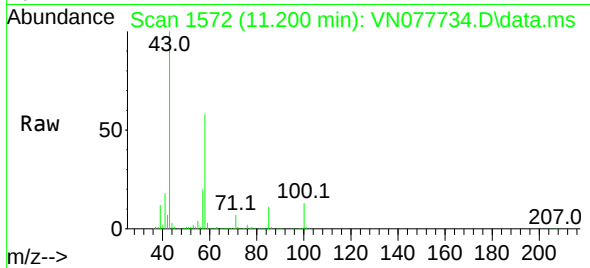




#59
2-Hexanone
Concen: 81.304 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

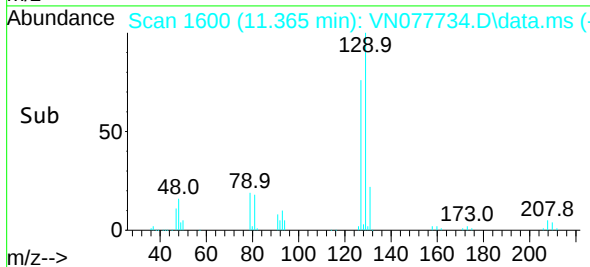
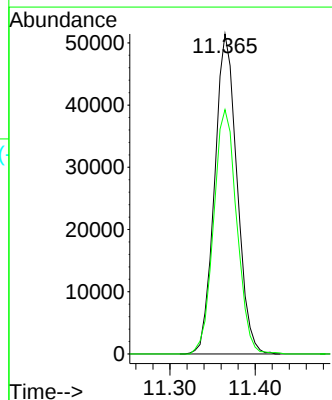
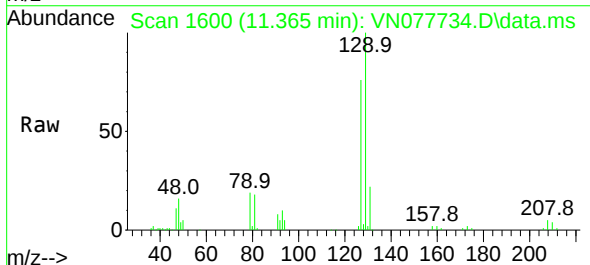
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

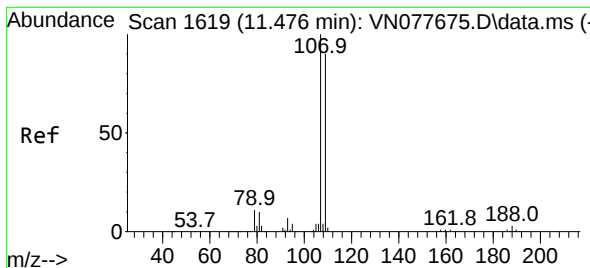
Tgt Ion: 43 Resp: 350258
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1



#60
Dibromochloromethane
Concen: 18.488 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 129 Resp: 93700
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.223 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

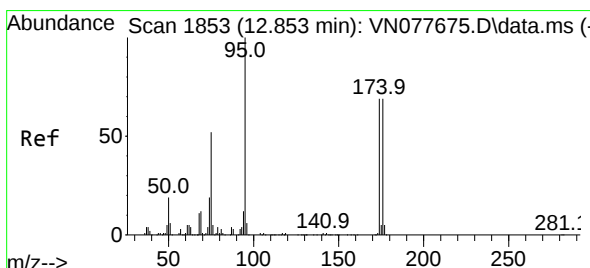
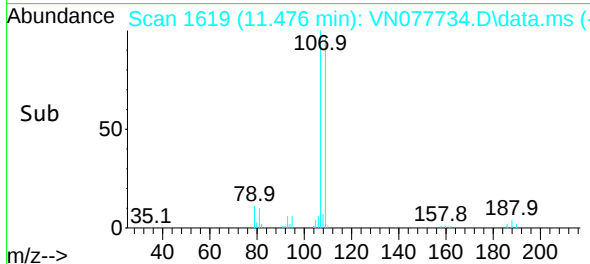
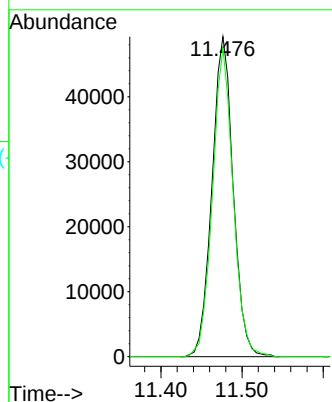
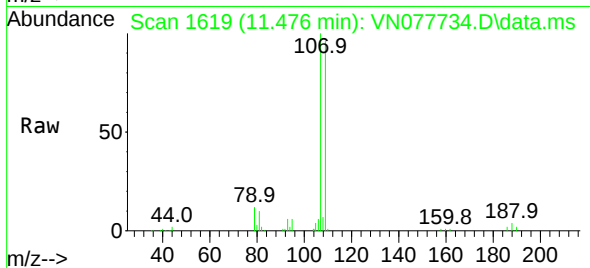
VN0518WBSD01

Tgt Ion:107 Resp: 89250

Ion Ratio Lower Upper

107 100

109 94.0 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 45.862 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

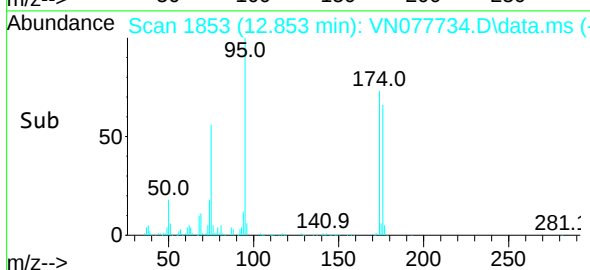
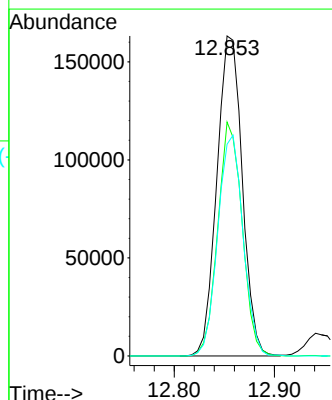
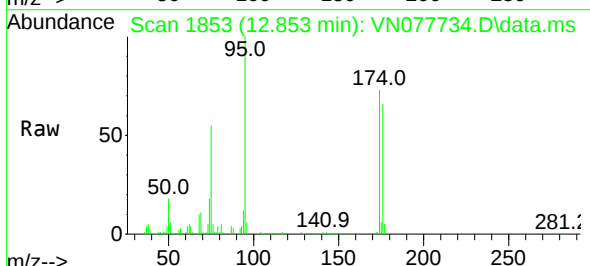
Tgt Ion: 95 Resp: 286882

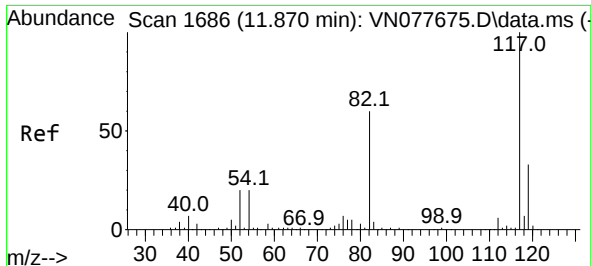
Ion Ratio Lower Upper

95 100

174 69.9 0.0 143.8

176 68.7 0.0 135.8

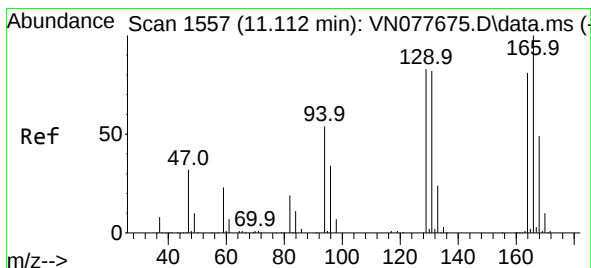
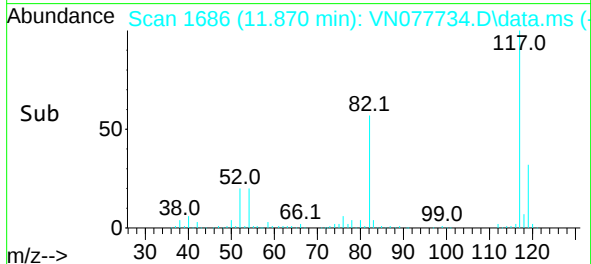
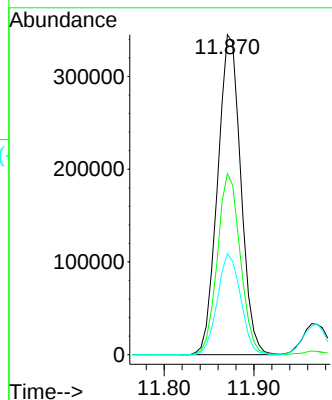
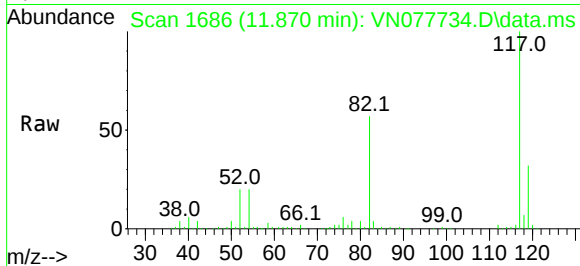




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

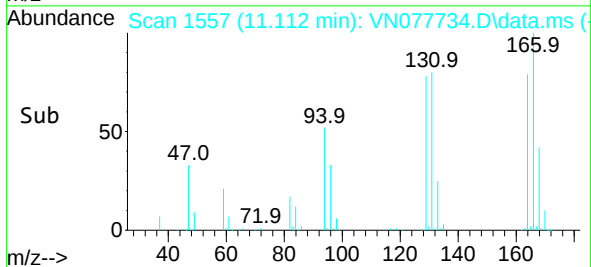
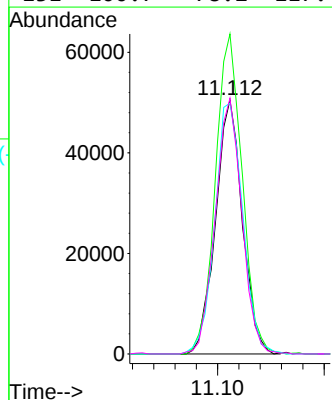
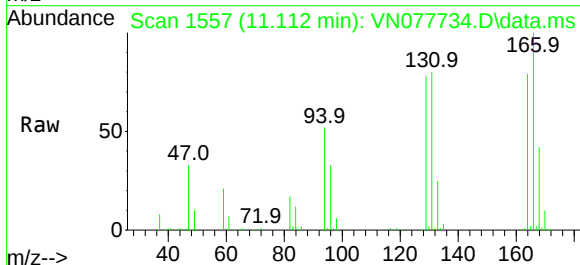
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

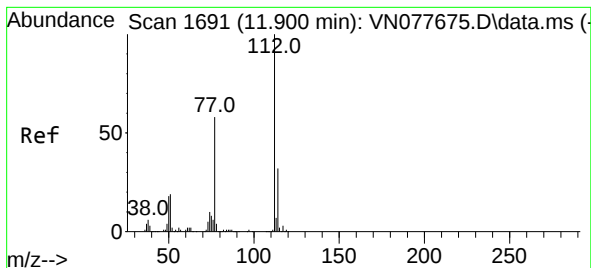
Tgt Ion:117 Resp: 619883
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 20.273 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:164 Resp: 87882
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 98.8 82.4 123.6
131 100.7 78.2 117.4

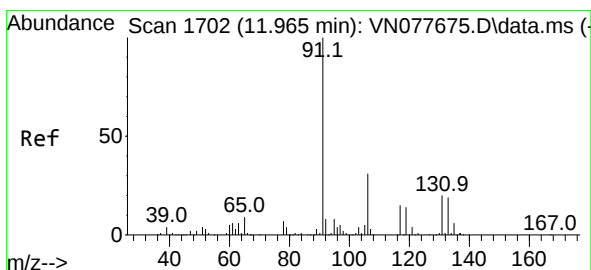
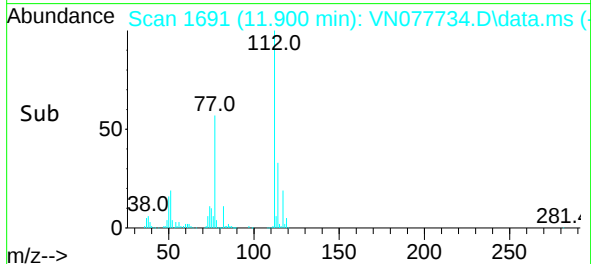
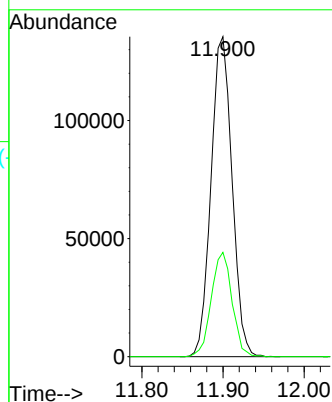
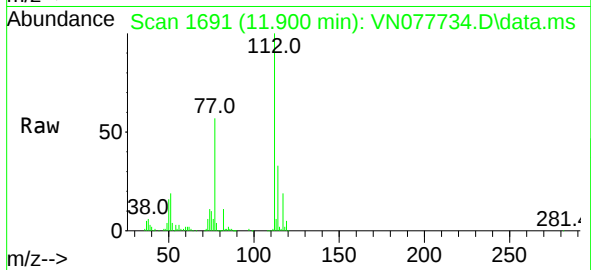




#65
Chlorobenzene
Concen: 18.173 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

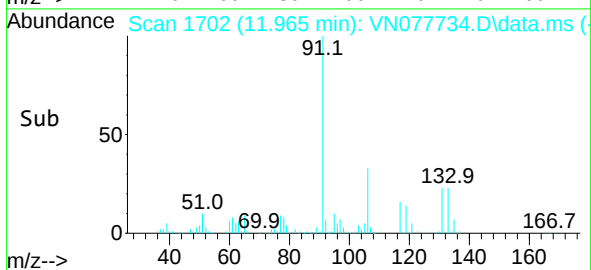
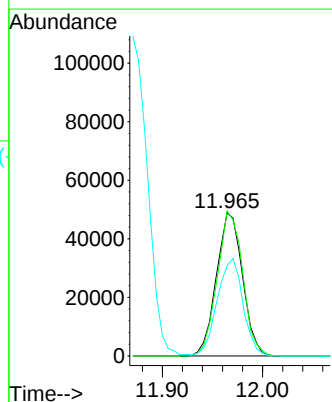
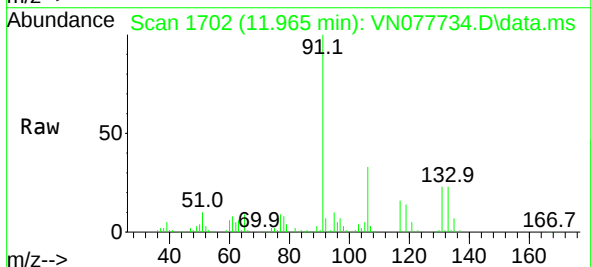
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

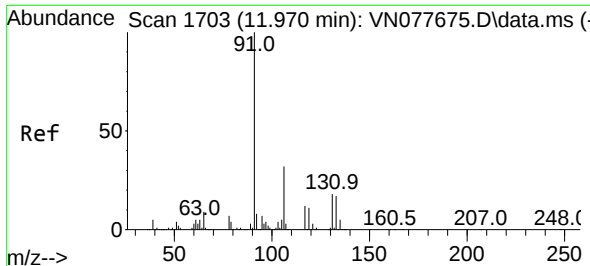
Tgt Ion:112 Resp: 244216
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.992 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:131 Resp: 88309
Ion Ratio Lower Upper
131 100
133 98.5 46.4 139.1
119 67.1 34.1 102.2

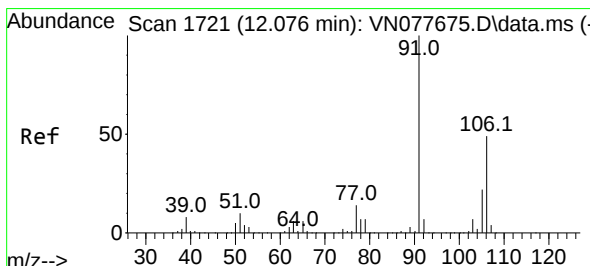
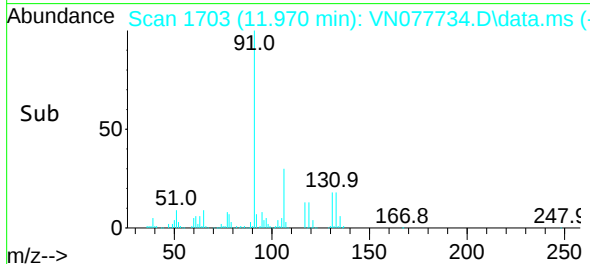
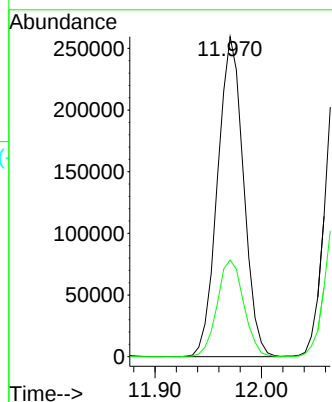
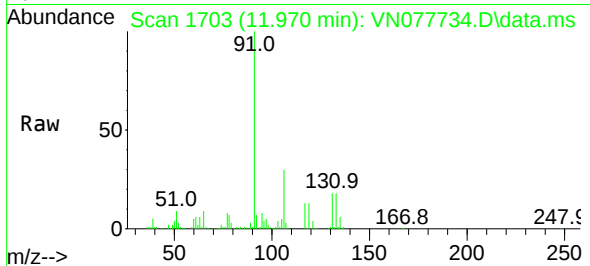




#67
Ethyl Benzene
Concen: 18.172 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

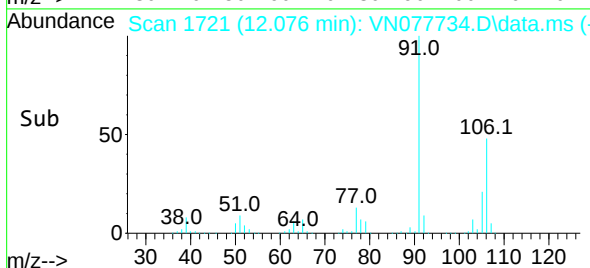
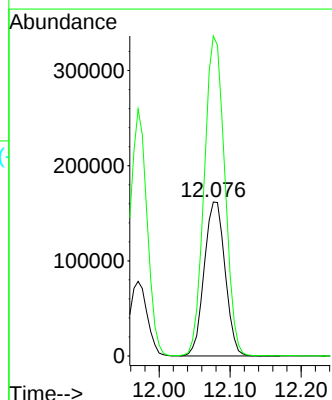
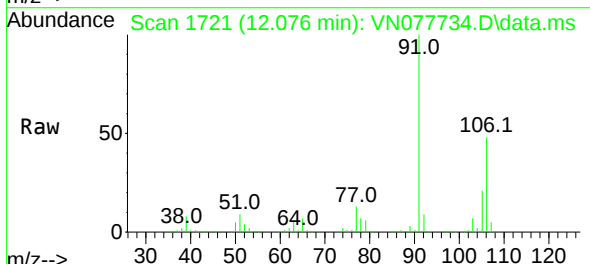
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

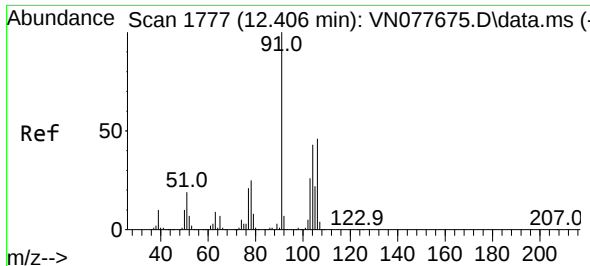
Tgt Ion: 91 Resp: 437627
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 36.271 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 106 Resp: 330974
Ion Ratio Lower Upper
106 100
91 204.0 159.6 239.4

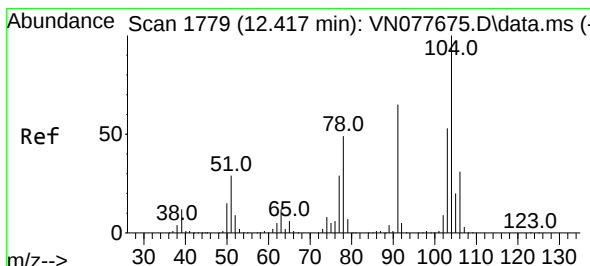
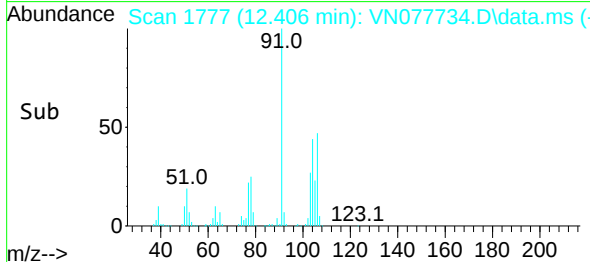
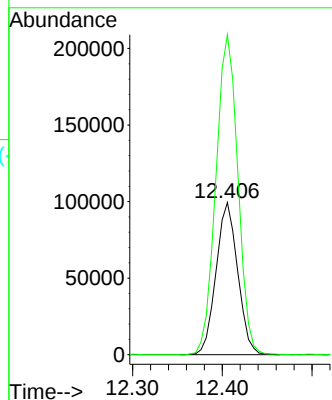
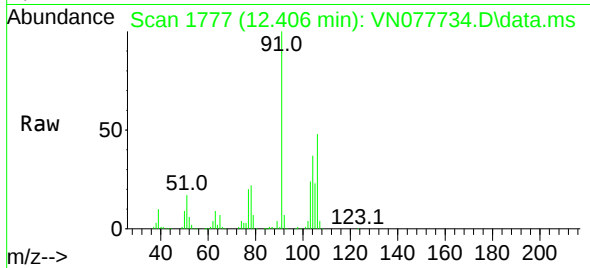




#69
o-Xylene
Concen: 18.536 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

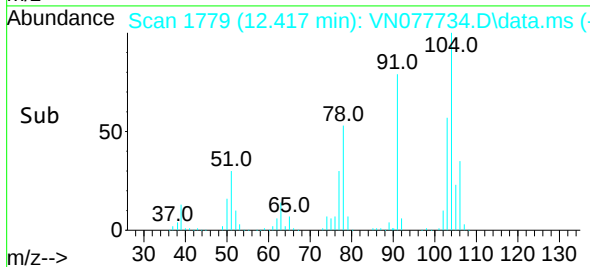
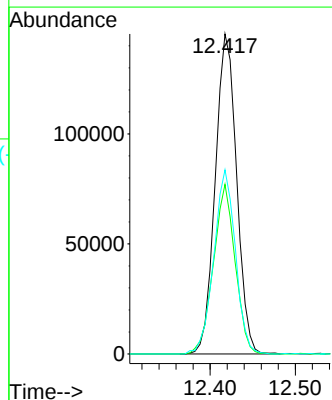
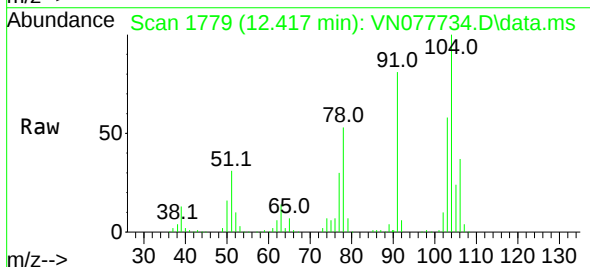
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

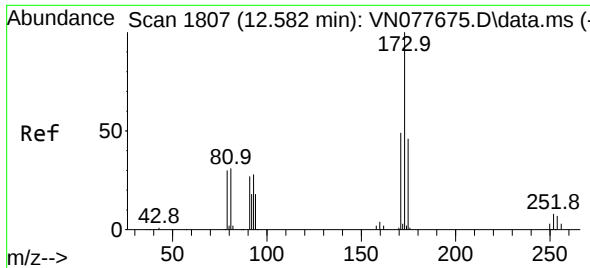
Tgt Ion:106 Resp: 166336
Ion Ratio Lower Upper
106 100
91 213.8 105.2 315.5



#70
Styrene
Concen: 17.768 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:104 Resp: 253293
Ion Ratio Lower Upper
104 100
78 53.8 39.5 59.3
103 58.3 43.2 64.8

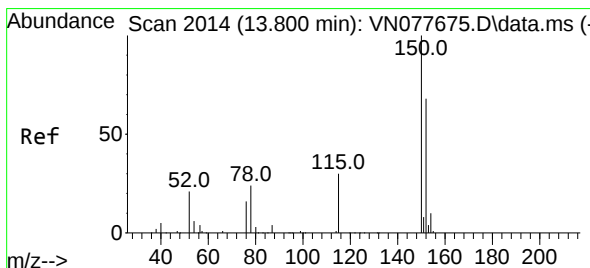
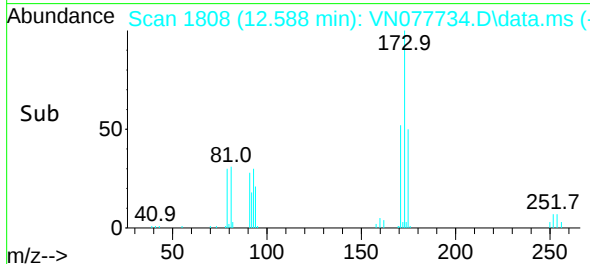
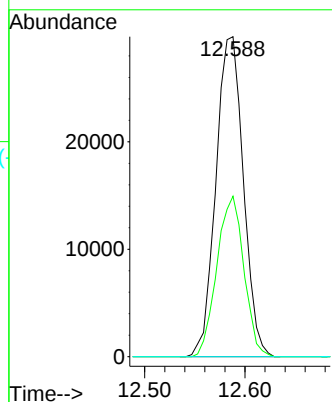
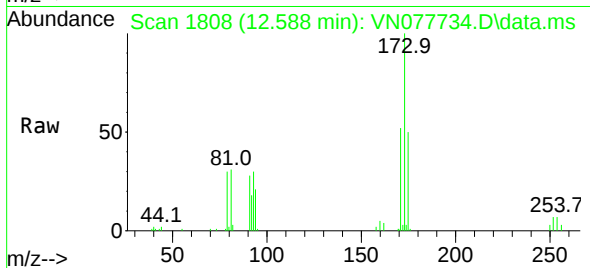




#71
Bromoform
Concen: 18.302 ug/l
RT: 12.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

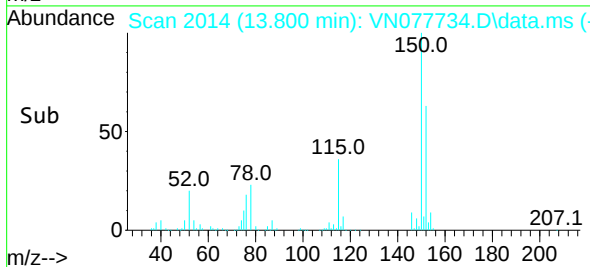
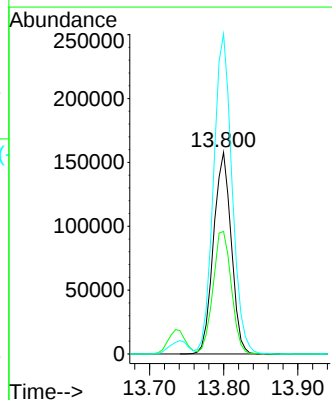
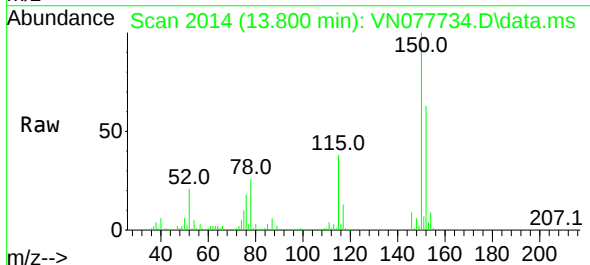
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

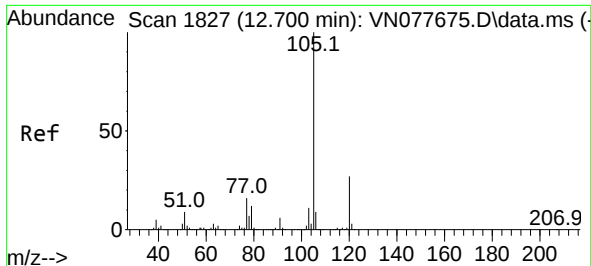
Tgt Ion:173 Resp: 56611
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:152 Resp: 262288
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 165.9 0.0 355.8

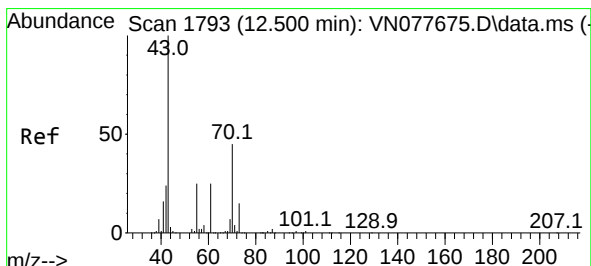
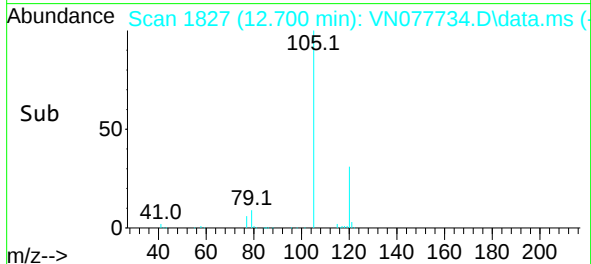
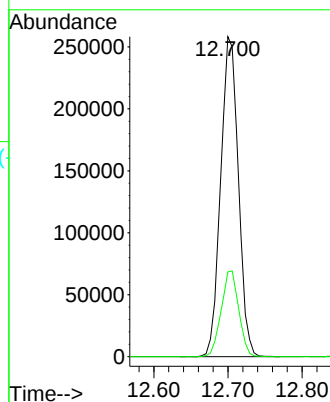
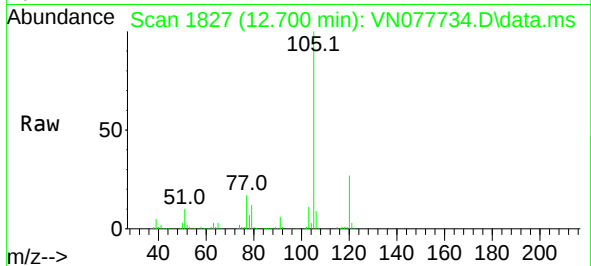




#73
Isopropylbenzene
Concen: 18.937 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

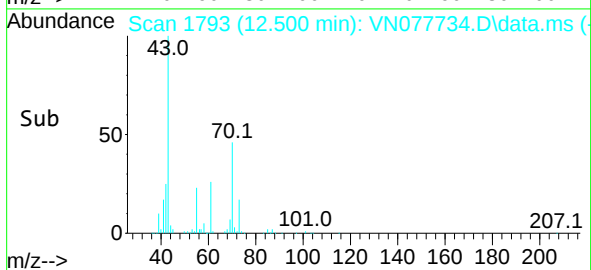
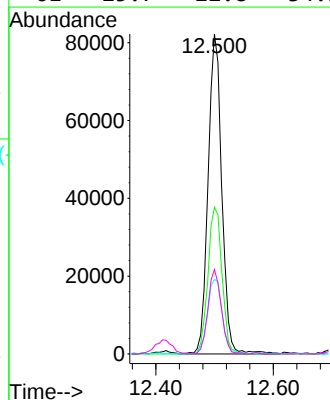
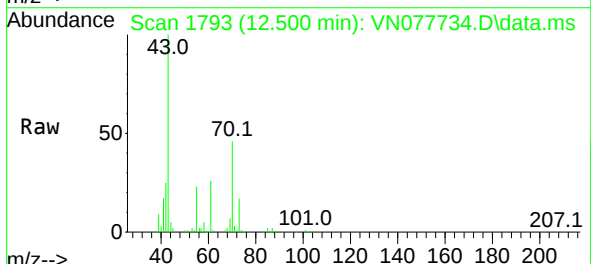
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

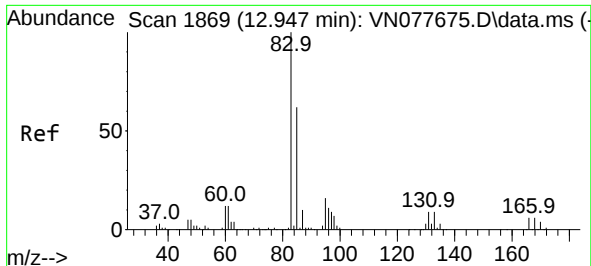
Tgt Ion:105 Resp: 428143
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 15.901 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 43 Resp: 132886
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 25.0 21.4 32.0
61 25.7 22.8 34.2

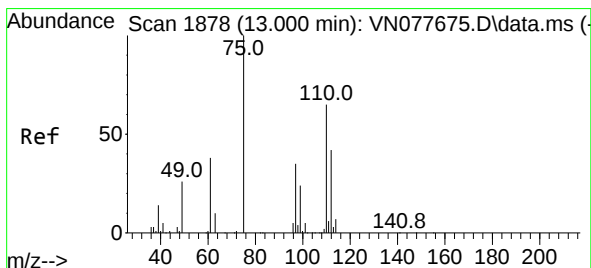
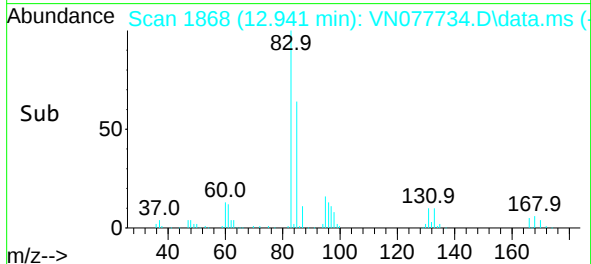
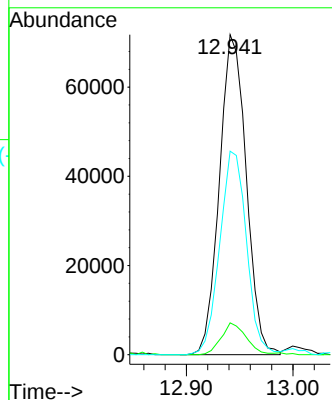
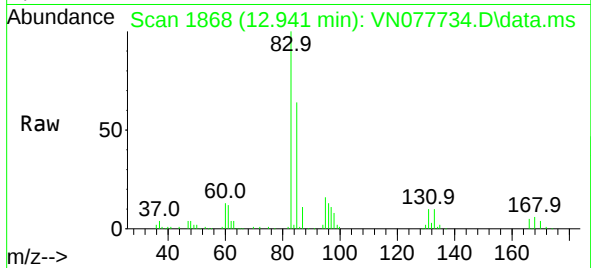




#75
1,1,2,2-Tetrachloroethane
Concen: 18.026 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

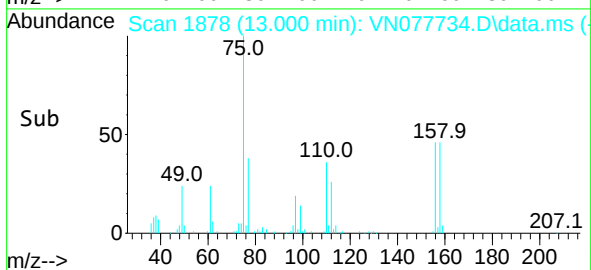
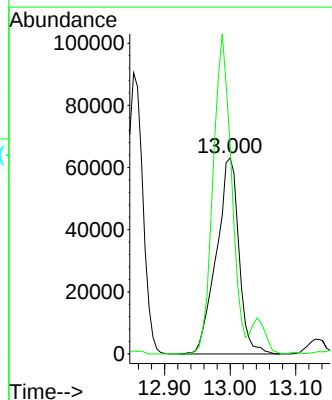
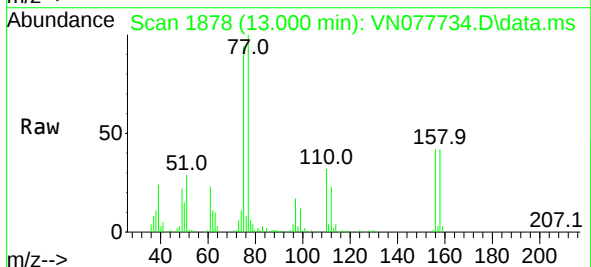
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

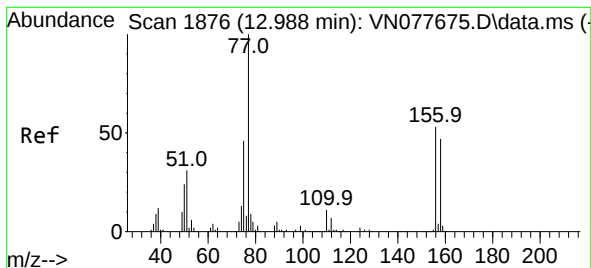
Tgt Ion: 83 Resp: 125380
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 22.812 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 75 Resp: 149843
Ion Ratio Lower Upper
75 100
77 133.6 84.5 253.5





#77

Bromobenzene

Concen: 18.397 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

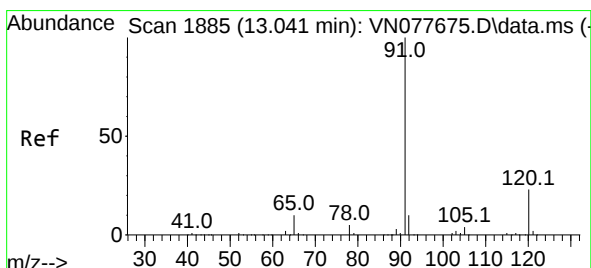
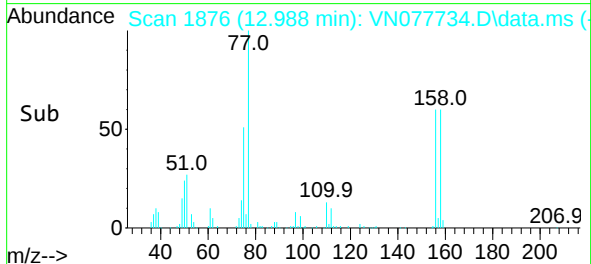
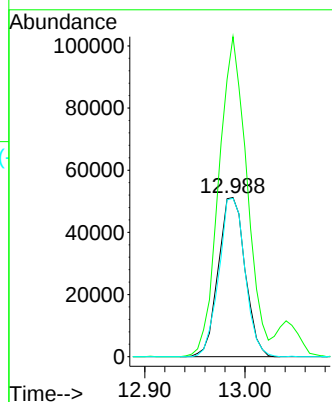
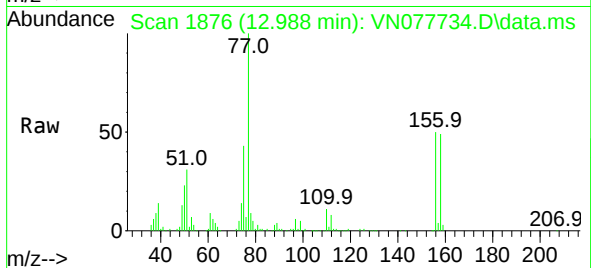
Tgt Ion:156 Resp: 94921

Ion Ratio Lower Upper

156 100

77 211.0 107.7 323.3

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 18.474 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN077734.D

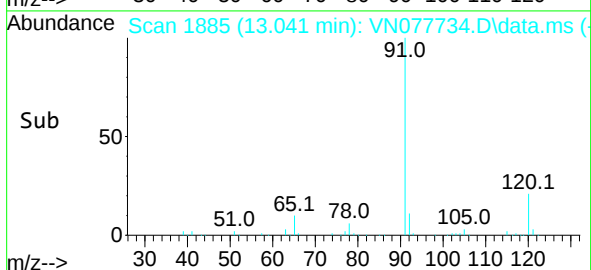
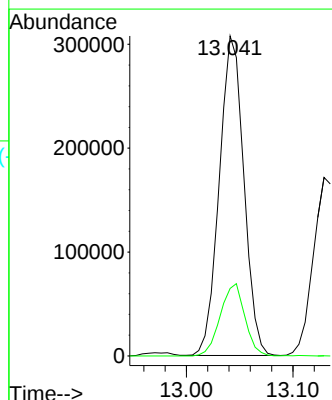
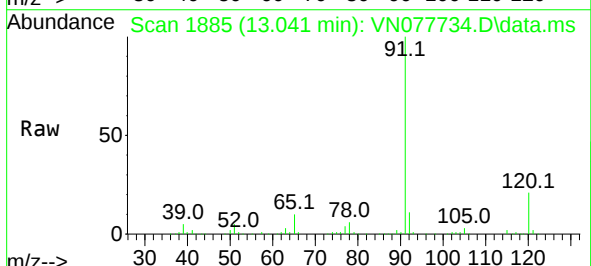
Acq: 18 May 2023 14:21

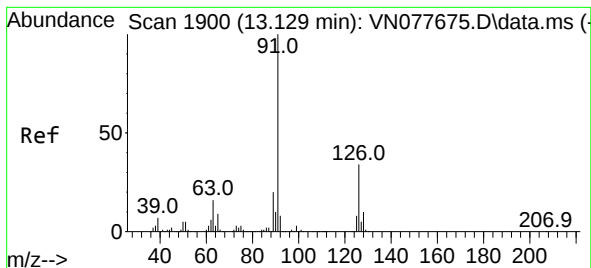
Tgt Ion: 91 Resp: 492431

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.774 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

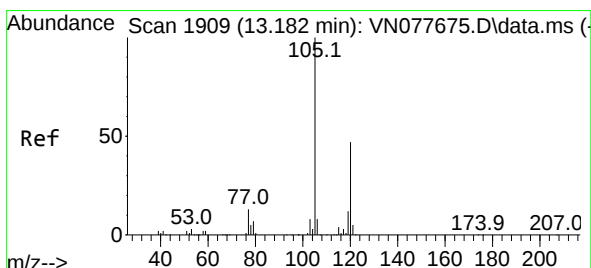
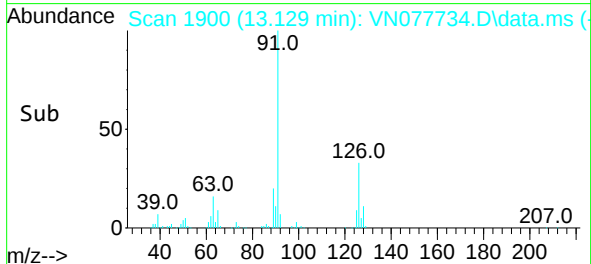
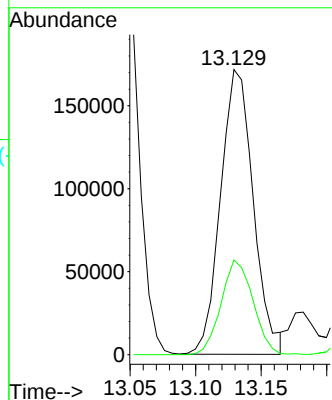
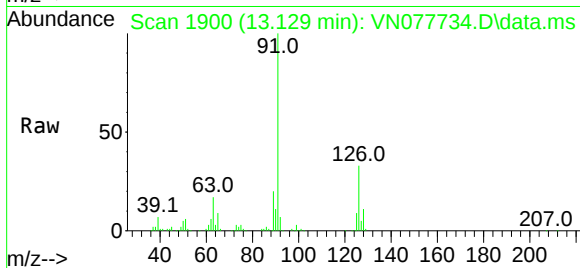
VN0518WBSD01

Tgt Ion: 91 Resp: 298603

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.102 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077734.D

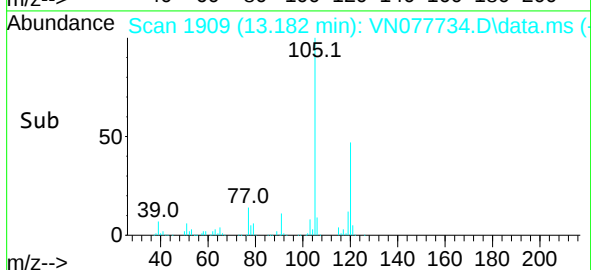
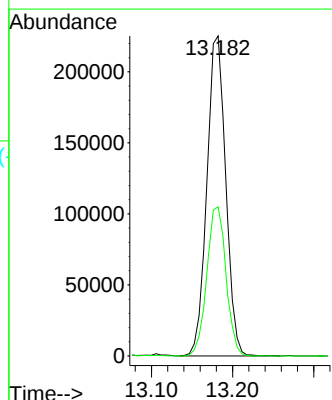
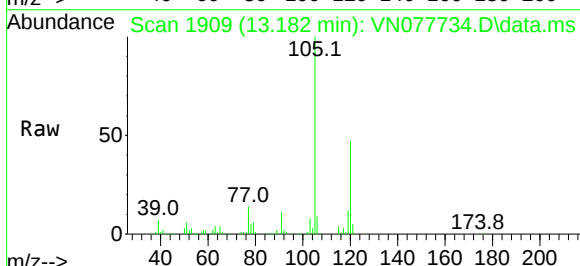
Acq: 18 May 2023 14:21

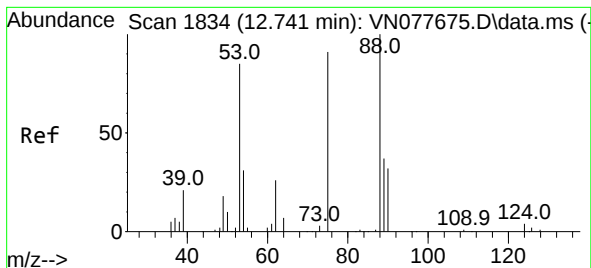
Tgt Ion: 105 Resp: 362982

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3

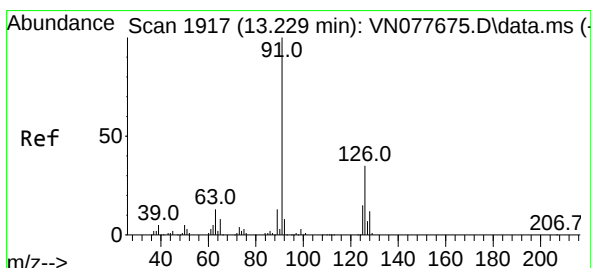
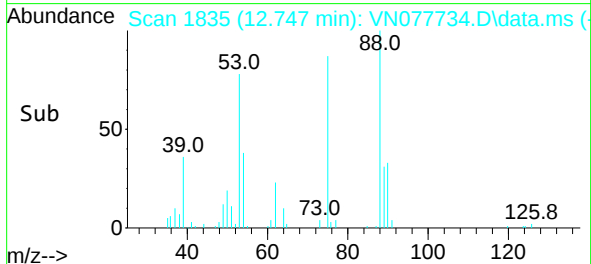
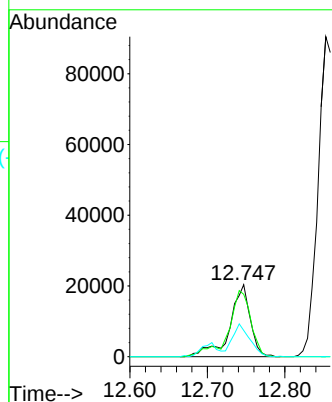
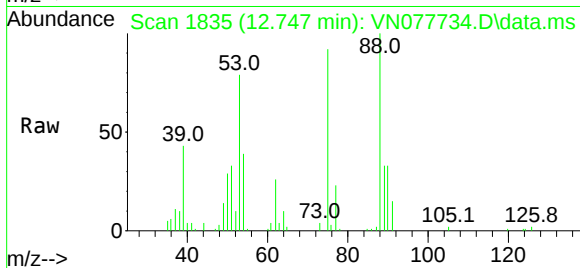




#81
trans-1,4-Dichloro-2-butene
Concen: 18.158 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

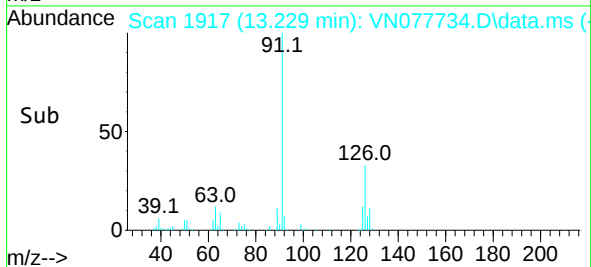
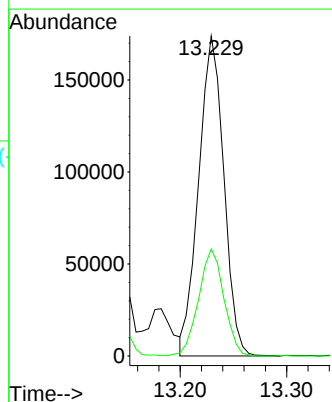
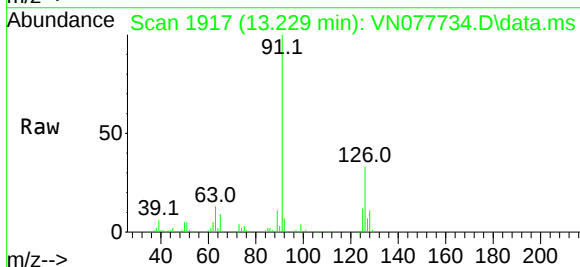
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

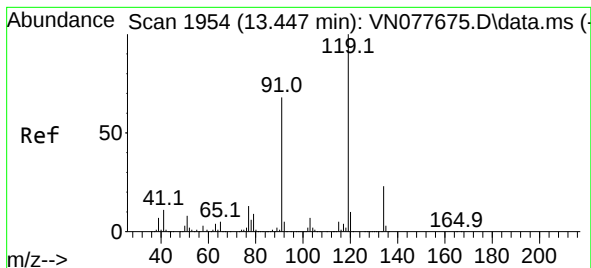
Tgt Ion: 75 Resp: 37313
Ion Ratio Lower Upper
75 100
53 99.6 67.4 101.2
89 39.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.023 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 91 Resp: 285221
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.986 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

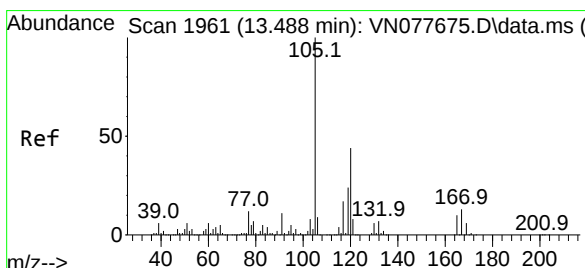
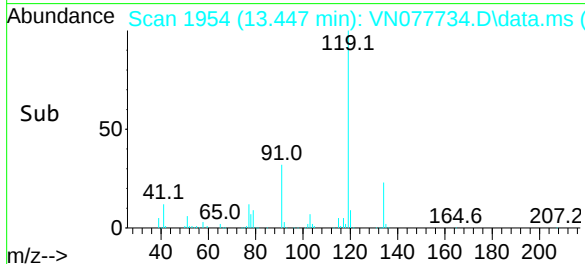
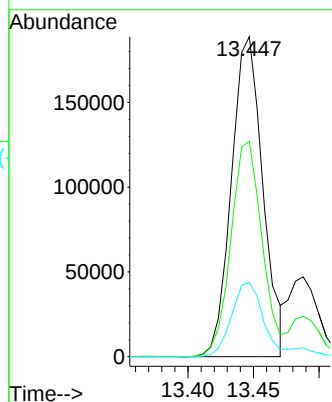
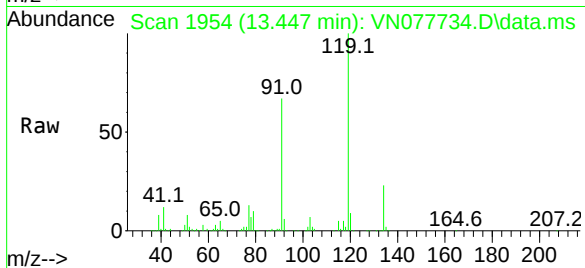
Tgt Ion:119 Resp: 314963

Ion Ratio Lower Upper

119 100

91 66.6 33.9 101.7

134 23.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.215 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN077734.D

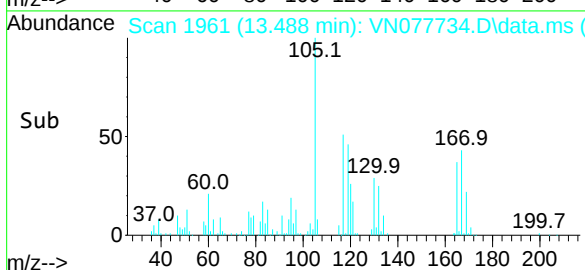
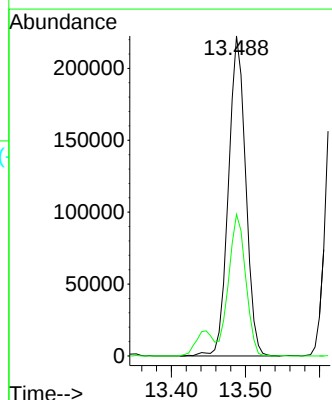
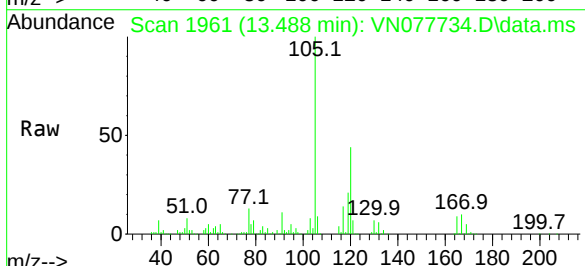
Acq: 18 May 2023 14:21

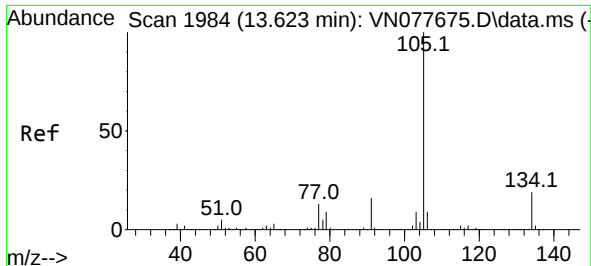
Tgt Ion:105 Resp: 359092

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

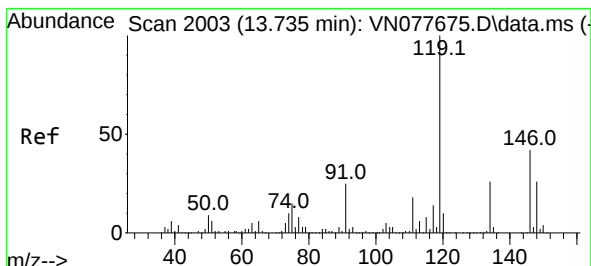
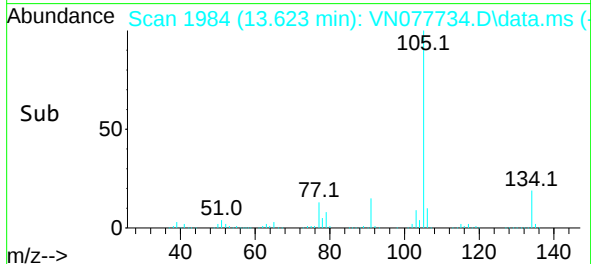
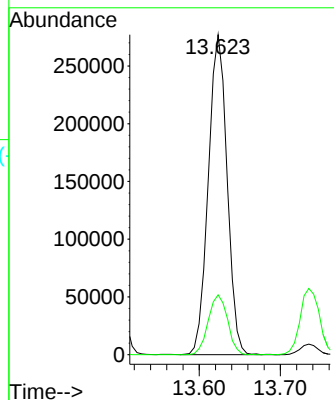
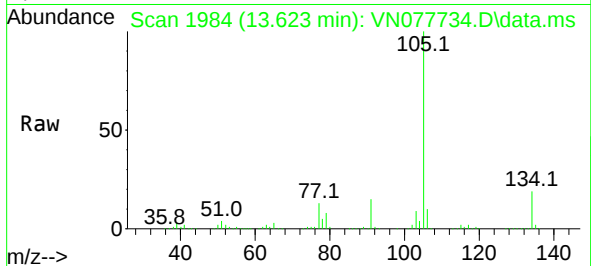




#85
 sec-Butylbenzene
 Concen: 18.859 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

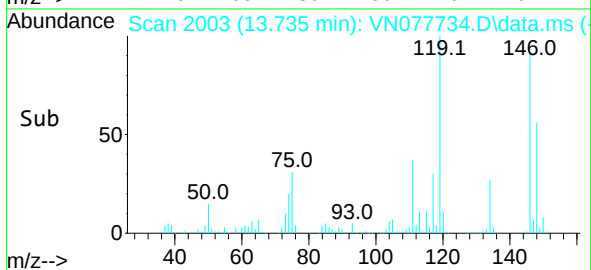
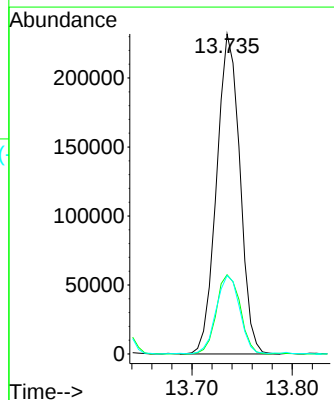
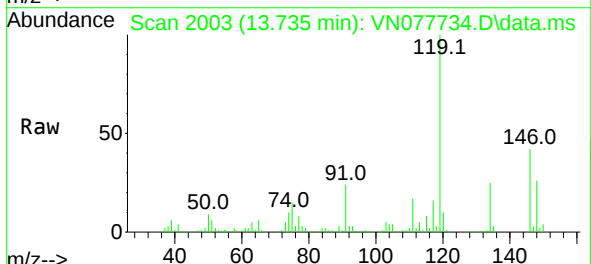
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBSD01

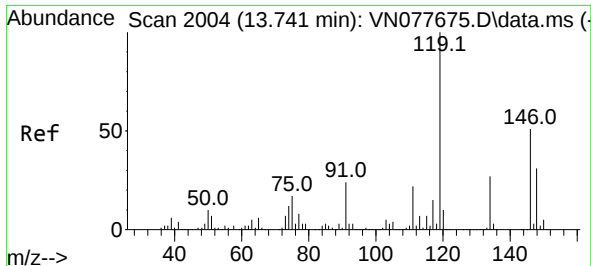
Tgt Ion:105 Resp: 444608
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.851 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077734.D
 Acq: 18 May 2023 14:21

Tgt Ion:119 Resp: 373100
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.9 12.4 37.2

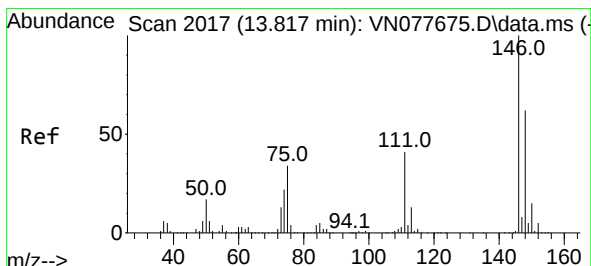
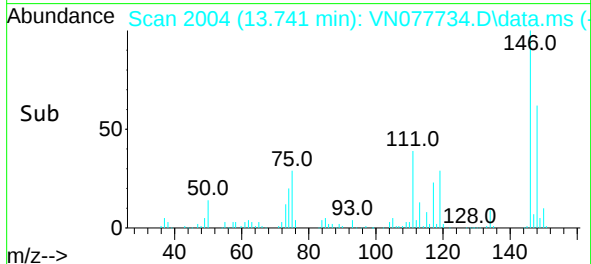
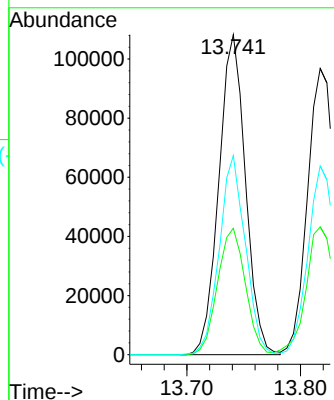
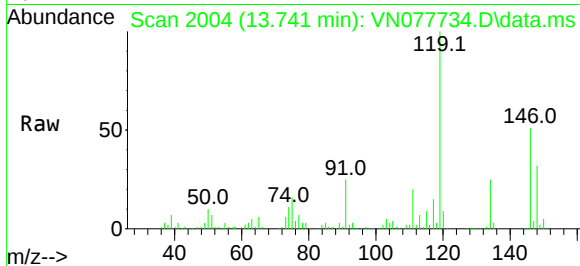




#87
1,3-Dichlorobenzene
Concen: 18.500 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

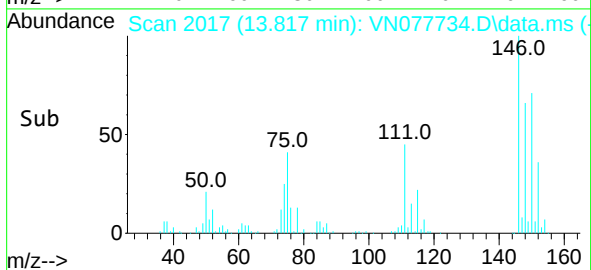
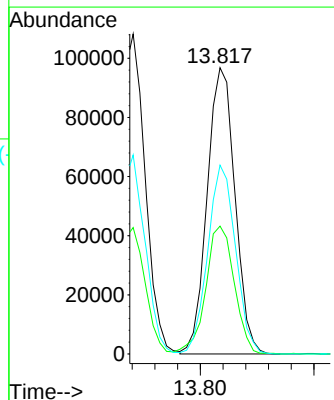
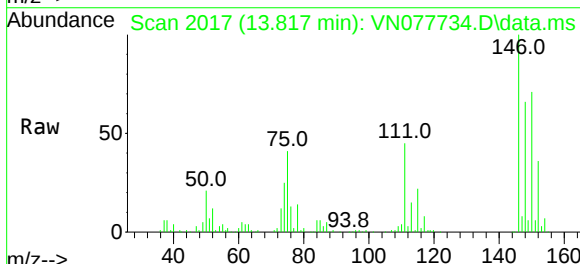
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

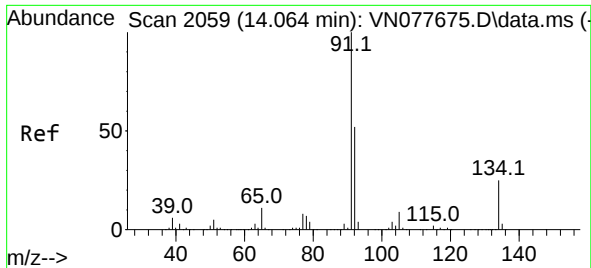
Tgt Ion:146 Resp: 176523
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 60.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 17.408 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion:146 Resp: 164828
Ion Ratio Lower Upper
146 100
111 45.9 20.6 61.8
148 66.1 31.6 94.8

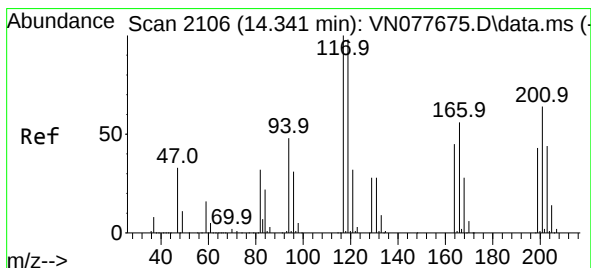
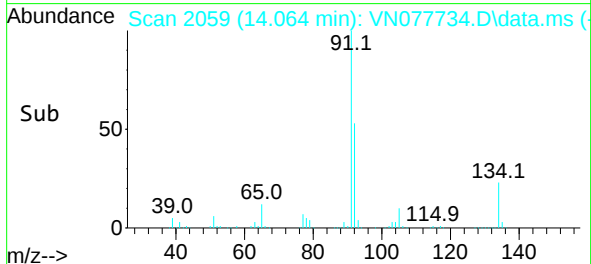
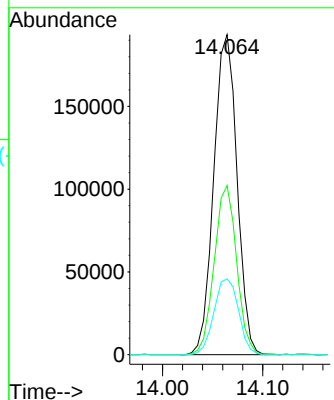
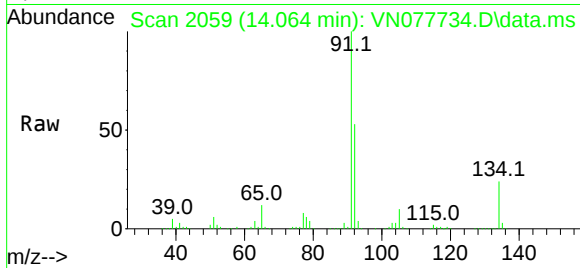




#89
n-Butylbenzene
Concen: 18.031 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

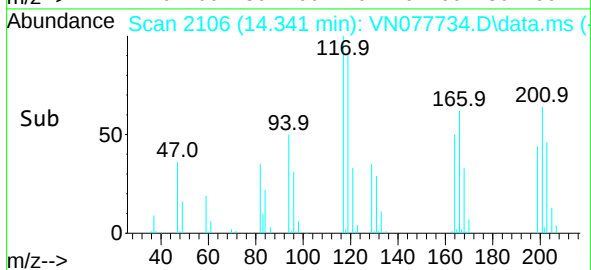
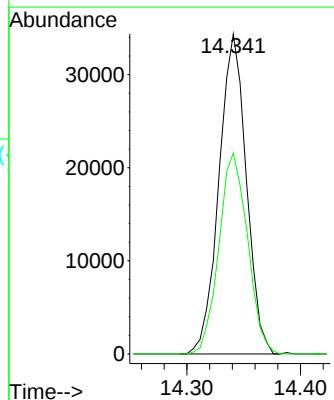
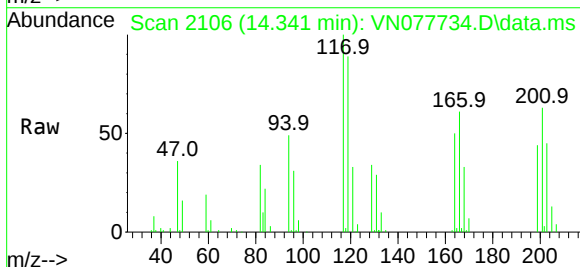
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

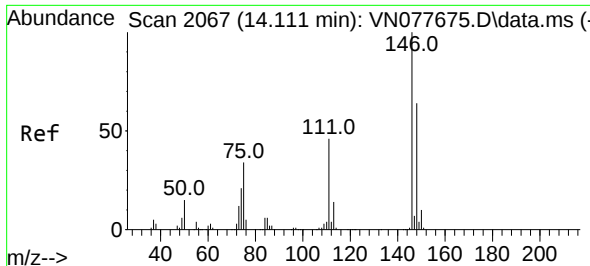
Tgt Ion: 91 Resp: 311716
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 18.618 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 117 Resp: 57485
Ion Ratio Lower Upper
117 100
201 65.8 29.3 88.0

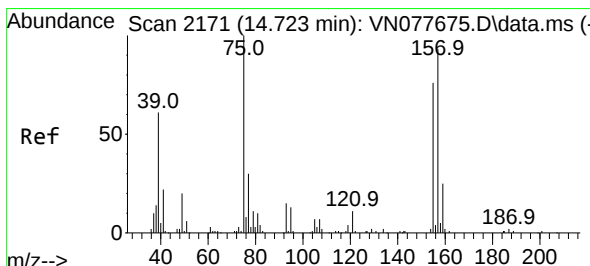
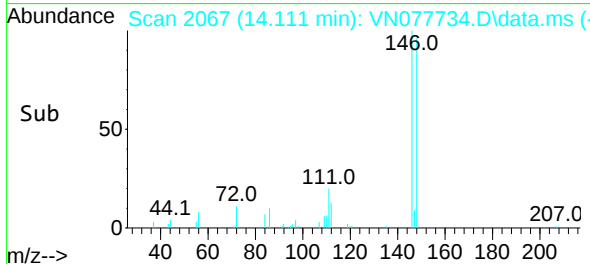
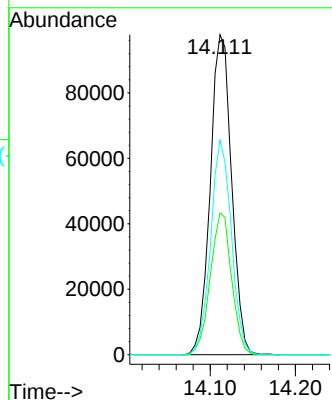
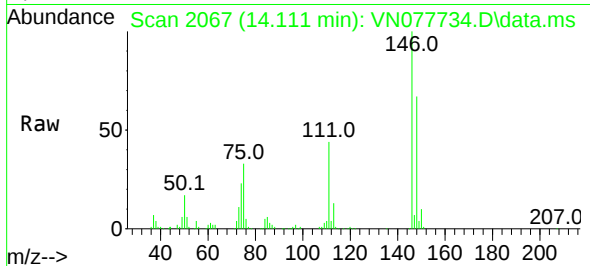




#91
1,2-Dichlorobenzene
Concen: 19.039 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

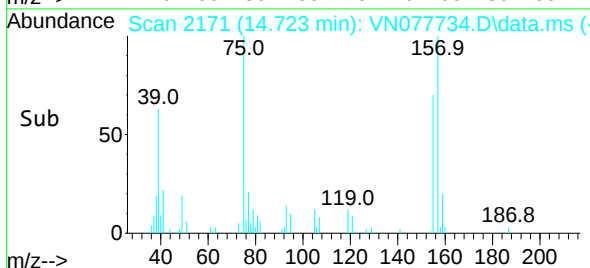
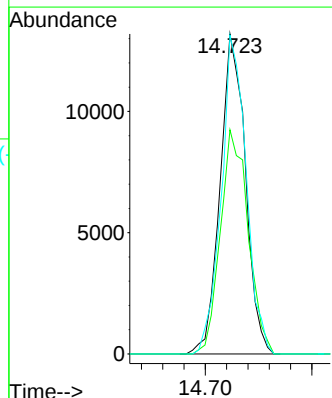
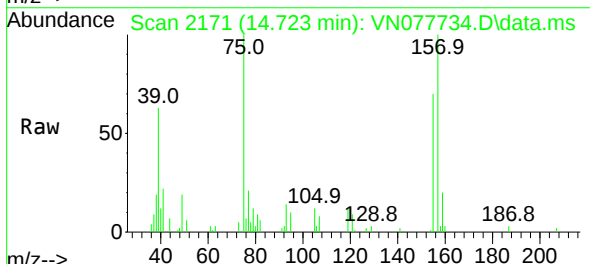
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBSD01

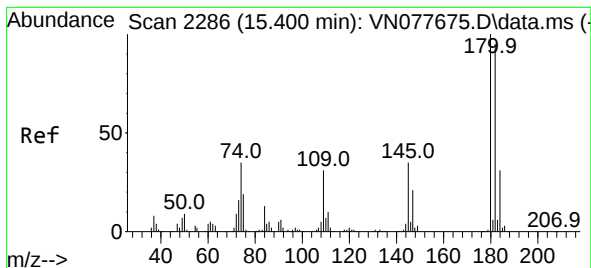
Tgt Ion:146 Resp: 169718
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 65.3 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.100 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077734.D
Acq: 18 May 2023 14:21

Tgt Ion: 75 Resp: 21680
Ion Ratio Lower Upper
75 100
155 76.7 39.1 117.2
157 98.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.514 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN077734.D

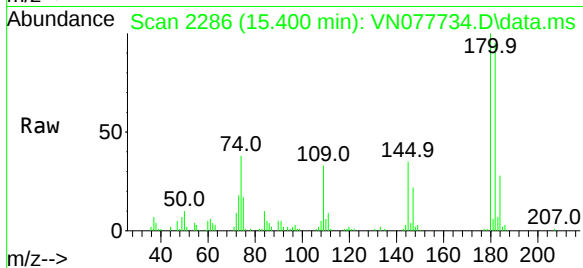
Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01



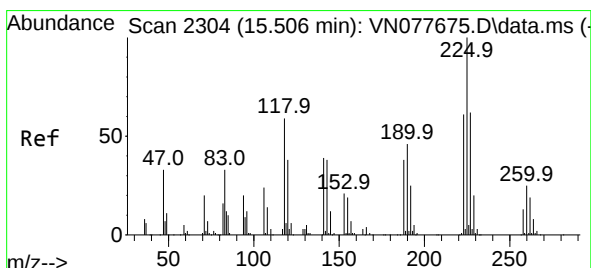
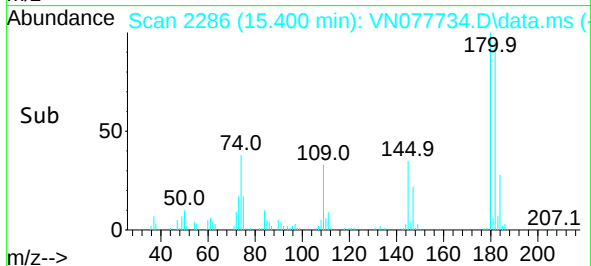
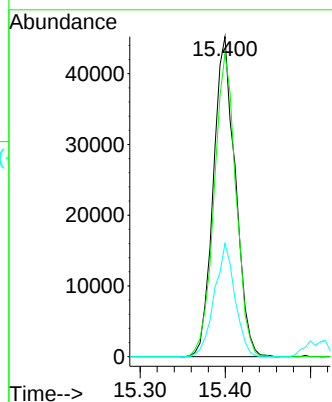
Tgt Ion:180 Resp: 80816

Ion Ratio Lower Upper

180 100

182 94.4 46.1 138.2

145 33.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.794 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

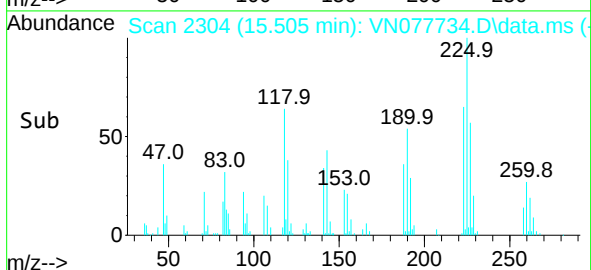
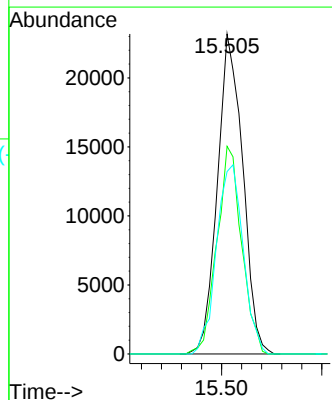
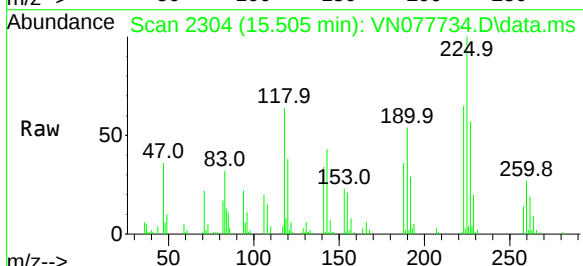
Tgt Ion:225 Resp: 40649

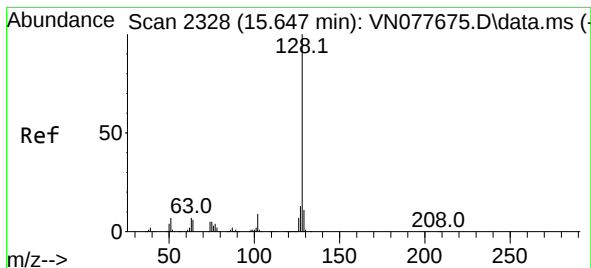
Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 13.328 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBSD01

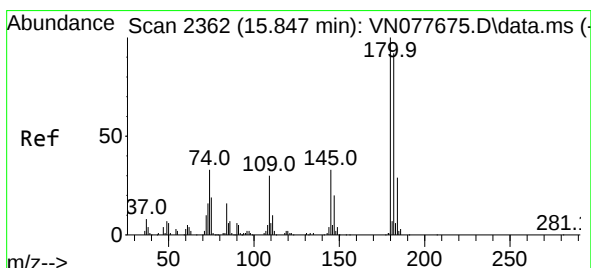
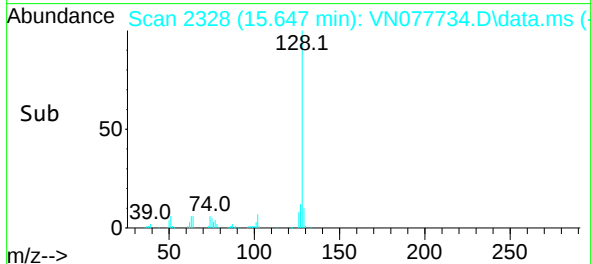
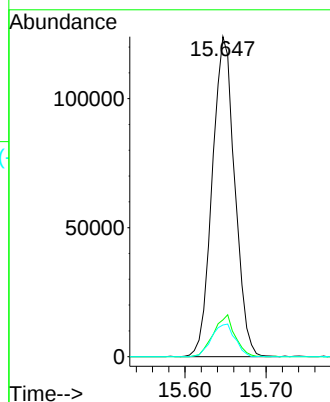
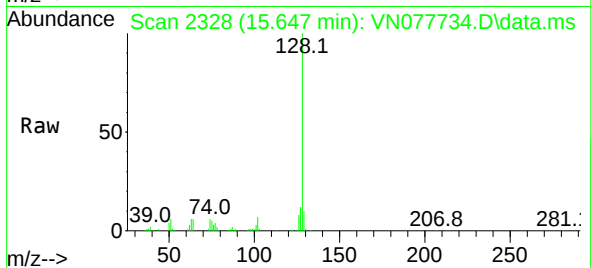
Tgt Ion:128 Resp: 238963

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.478 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077734.D

Acq: 18 May 2023 14:21

Tgt Ion:180 Resp: 78940

Ion Ratio Lower Upper

180 100

182 95.7 46.2 138.6

145 35.1 17.5 52.6

