

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077776.D
 Acq On : 19 May 2023 19:57
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 29 09:53:47 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	403258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	716576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	627471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	278224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	289168	47.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.840%			
35) Dibromofluoromethane	8.177	113	245259	52.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	10.571	98	944903	52.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.080%			
62) 4-Bromofluorobenzene	12.853	95	319693	50.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	191114	41.643	ug/l	96
3) Chloromethane	2.371	50	187522	38.112	ug/l	97
4) Vinyl Chloride	2.524	62	226390	39.126	ug/l	100
5) Bromomethane	2.965	94	163905	38.301	ug/l	91
6) Chloroethane	3.130	64	162915	39.069	ug/l	98
7) Trichlorofluoromethane	3.506	101	362892	45.003	ug/l	97
8) Diethyl Ether	3.971	74	127074	43.166	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	199283	44.657	ug/l	97
10) Methyl Iodide	4.600	142	255566	48.021	ug/l	98
11) Tert butyl alcohol	5.518	59	170616	204.890	ug/l	99
12) 1,1-Dichloroethene	4.353	96	187063	44.104	ug/l	90
13) Acrolein	4.189	56	116527	221.680	ug/l	97
14) Allyl chloride	5.030	41	238770	38.321	ug/l	91
15) Acrylonitrile	5.730	53	465898	209.420	ug/l	99
16) Acetone	4.436	43	368178	193.951	ug/l	95
17) Carbon Disulfide	4.724	76	414779	36.295	ug/l	99
18) Methyl Acetate	5.030	43	331341	41.606	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	669240	43.593	ug/l	98
20) Methylene Chloride	5.294	84	224695	45.290	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	204046	42.828	ug/l	85
22) Diisopropyl ether	6.683	45	621520	42.557	ug/l	93
23) Vinyl Acetate	6.612	43	1862869	205.872	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	397294	44.403	ug/l	99
25) 2-Butanone	7.488	43	595243	200.451	ug/l	88
26) 2,2-Dichloropropane	7.500	77	319299	42.005	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	255091	44.654	ug/l	93
28) Bromochloromethane	7.824	49	183465	47.412	ug/l	90
29) Tetrahydrofuran	7.841	42	376633	193.699	ug/l	88
30) Chloroform	7.977	83	435479	44.245	ug/l	96
31) Cyclohexane	8.265	56	328052	40.003	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	387411	46.297	ug/l	96
36) 1,1-Dichloropropene	8.377	75	307780	45.033	ug/l	98
37) Ethyl Acetate	7.565	43	243599	39.989	ug/l	95
38) Carbon Tetrachloride	8.365	117	335652	48.635	ug/l	97
39) Methylcyclohexane	9.606	83	375366	44.861	ug/l	94
40) Benzene	8.612	78	924839	45.855	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	132270	40.771	ug/l	92
42) 1,2-Dichloroethane	8.677	62	327706	44.730	ug/l	97
43) Isopropyl Acetate	8.694	43	420464	42.257	ug/l	97
44) Trichloroethene	9.359	130	248698	48.699	ug/l	98
45) 1,2-Dichloropropane	9.629	63	239329	46.522	ug/l	96
46) Dibromomethane	9.718	93	169089	45.933	ug/l	96
47) Bromodichloromethane	9.894	83	337864	47.940	ug/l	97
48) Methyl methacrylate	9.688	41	201431	42.698	ug/l	89
49) 1,4-Dioxane	9.700	88	84372	946.912	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1304537	220.566	ug/l	93
52) Toluene	10.635	92	589404	46.942	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	341868	45.807	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	374762	45.566	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	238115	47.762	ug/l	98
56) Ethyl methacrylate	10.882	69	341080	45.248	ug/l	92
57) 1,3-Dichloropropane	11.171	76	395670	46.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	845182	227.910	ug/l	92
59) 2-Hexanone	11.206	43	904564	206.771	ug/l	94
60) Dibromochloromethane	11.365	129	256370	49.812	ug/l	99
61) 1,2-Dibromoethane	11.476	107	235470	47.344	ug/l	99
64) Tetrachloroethene	11.112	164	242795	55.331	ug/l	99
65) Chlorobenzene	11.900	112	638335	46.927	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	240728	51.145	ug/l	99
67) Ethyl Benzene	11.971	91	1140686	46.794	ug/l	100
68) m/p-Xylenes	12.076	106	887722	96.109	ug/l	99
69) o-Xylene	12.406	106	436220	48.022	ug/l	100
70) Styrene	12.418	104	701350	48.603	ug/l	98
71) Bromoform	12.588	173	161210	51.487	ug/l #	99
73) Isopropylbenzene	12.700	105	1155401	48.176	ug/l	99
74) N-amyl acetate	12.500	43	341896	38.568	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	317403	43.020	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	400323	57.454	ug/l	72
77) Bromobenzene	12.988	156	245112	44.785	ug/l	99
78) n-propylbenzene	13.041	91	1310010	46.332	ug/l	99
79) 2-Chlorotoluene	13.129	91	779128	46.179	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	969180	48.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	90684	41.602	ug/l	92
82) 4-Chlorotoluene	13.229	91	742110	44.208	ug/l	98
83) tert-Butylbenzene	13.447	119	846094	48.082	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	947572	47.800	ug/l	98
85) sec-Butylbenzene	13.623	105	1190868	47.619	ug/l	99
86) p-Isopropyltoluene	13.735	119	985104	49.410	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	461938	45.639	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	450997	44.902	ug/l	99
89) n-Butylbenzene	14.065	91	814177	44.399	ug/l	99
90) Hexachloroethane	14.341	117	164496	50.224	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	456781	48.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	57235	40.069	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	214523	38.823	ug/l	100
94) Hexachlorobutadiene	15.506	225	108887	47.461	ug/l	100
95) Naphthalene	15.647	128	635429	33.409	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	212784	39.330	ug/l	97

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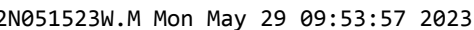
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MSVOA_N
ClientSampleId :
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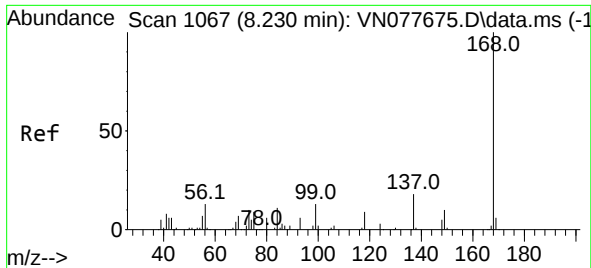
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QLast Update : Tue May 16 04:07:42 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

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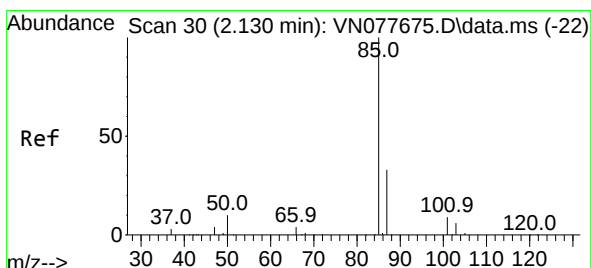
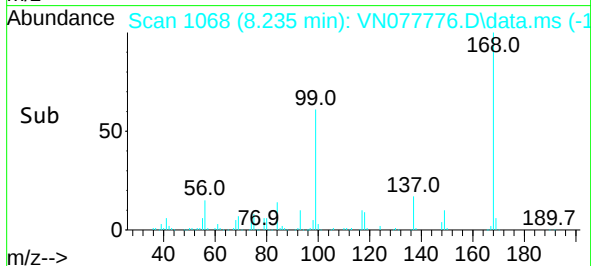
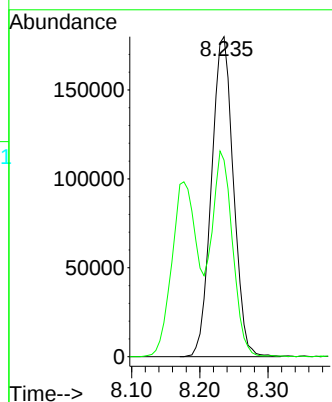
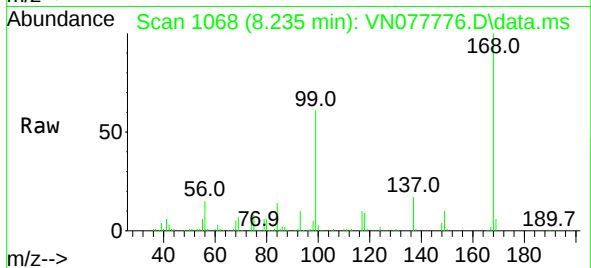




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077776.D
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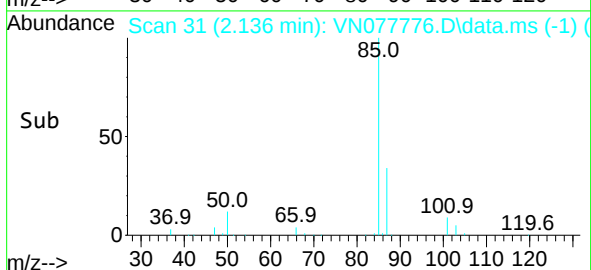
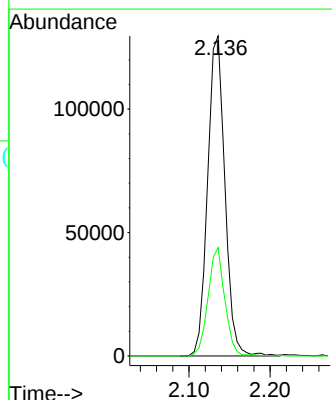
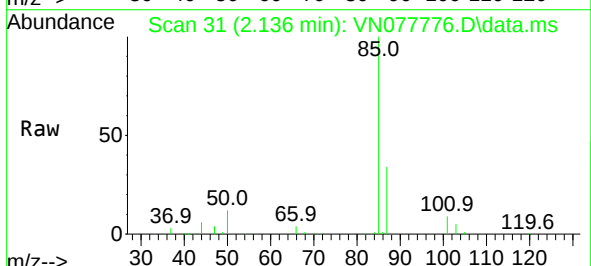
Instrument :
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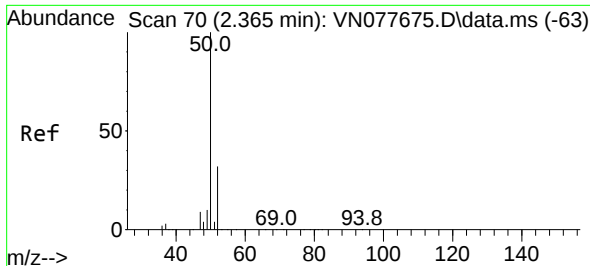
Tgt Ion:168 Resp: 403258
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 41.643 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 85 Resp: 191114
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4

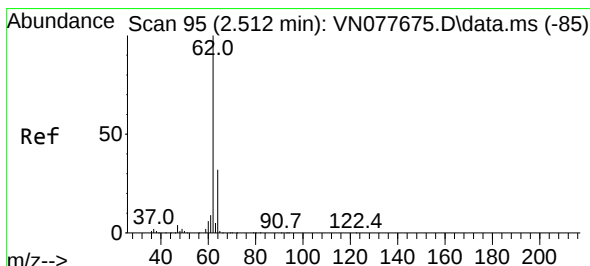
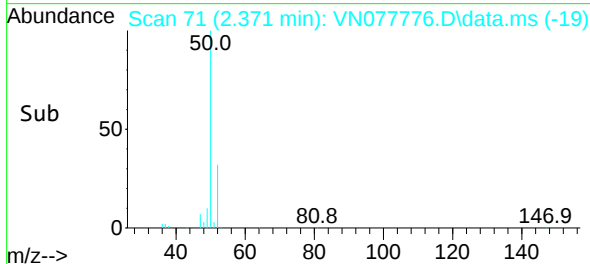
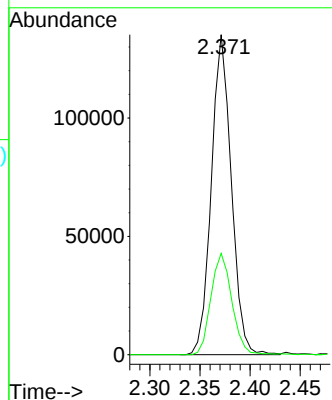
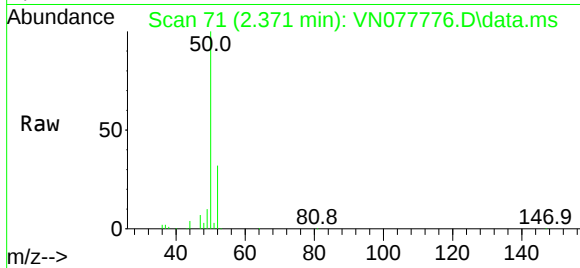




#3
Chloromethane
Concen: 38.112 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

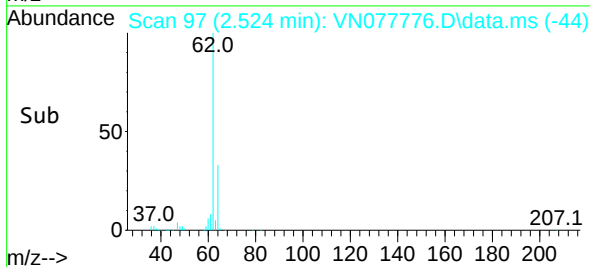
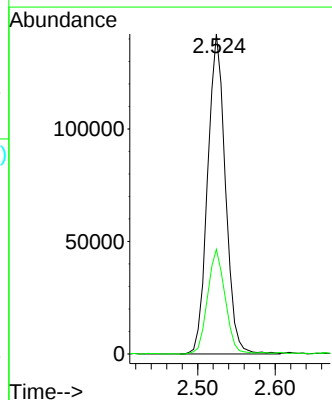
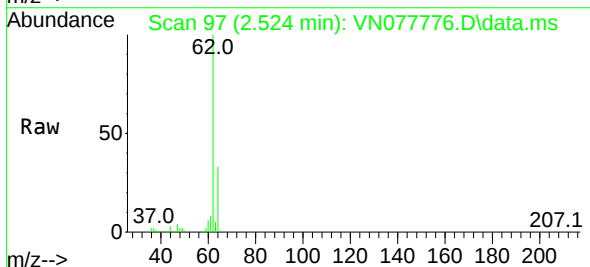
Instrument :
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ClientSampleId :
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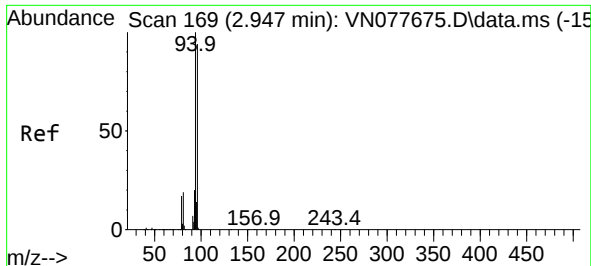
Tgt Ion: 50 Resp: 187522
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 39.126 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 62 Resp: 226390
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

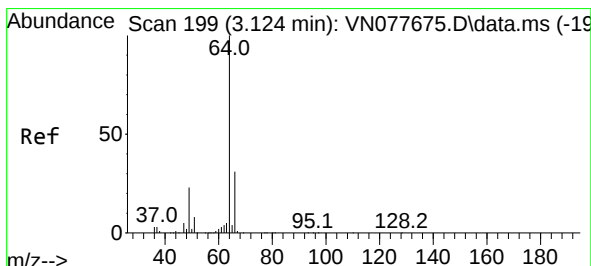
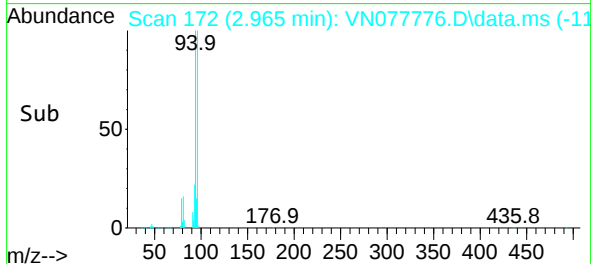
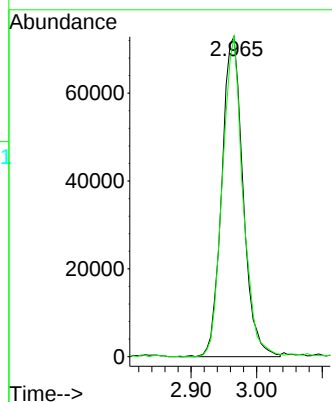
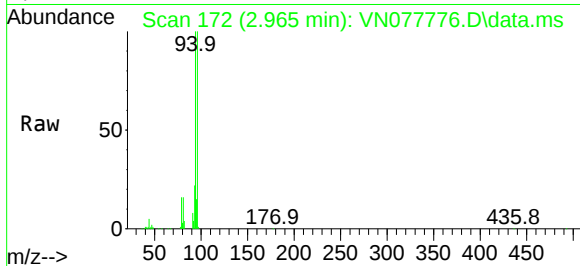




#5
Bromomethane
Concen: 38.301 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

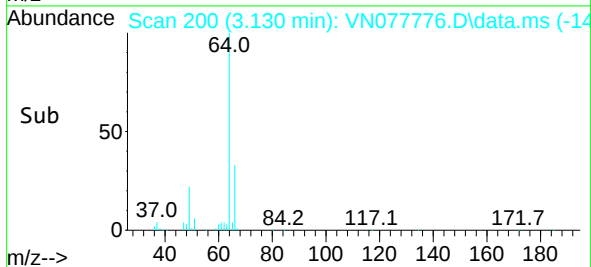
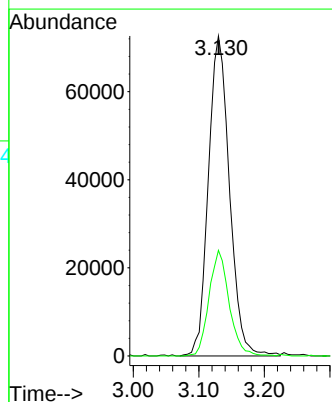
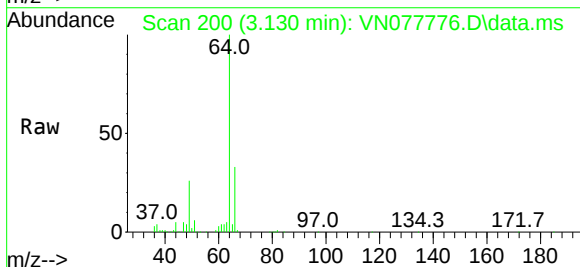
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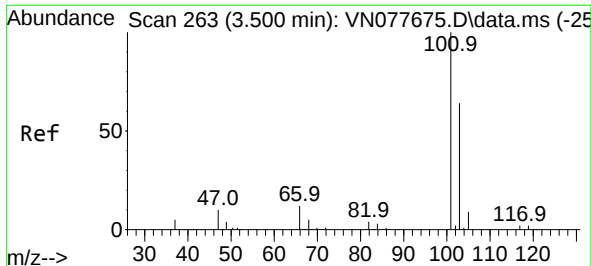
Tgt Ion: 94 Resp: 163905
Ion Ratio Lower Upper
94 100
96 99.7 73.1 109.7



#6
Chloroethane
Concen: 39.069 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 64 Resp: 162915
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

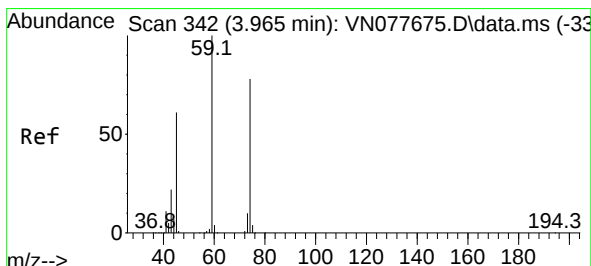
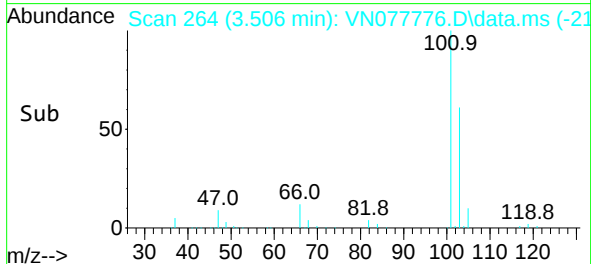
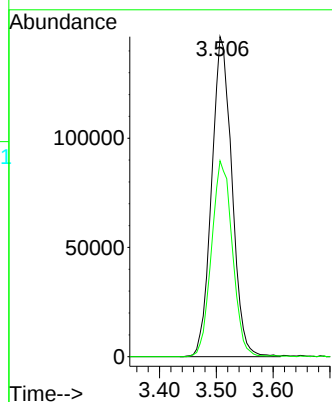
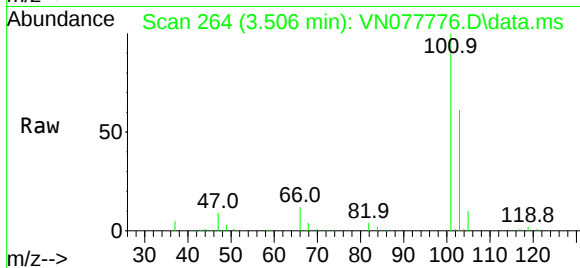




#7
Trichlorofluoromethane
Concen: 45.003 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

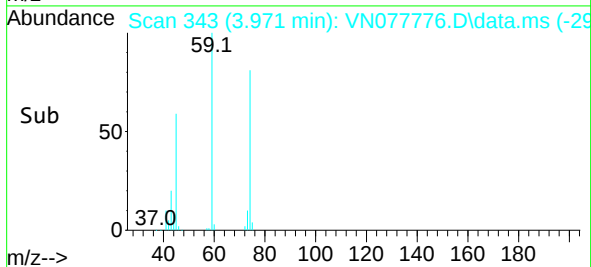
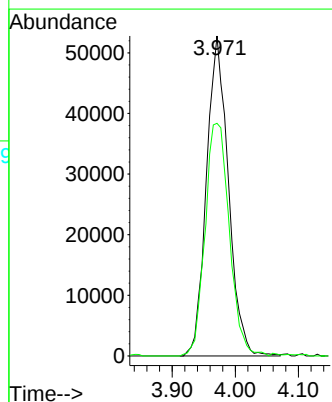
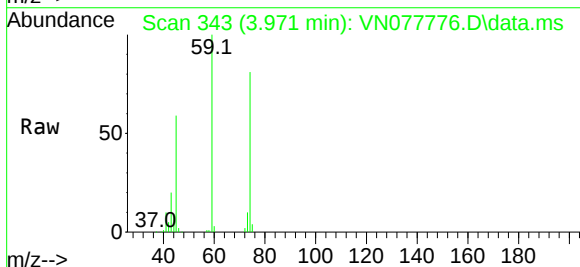
Instrument :
MSVOA_N
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VSTDCCC050EC

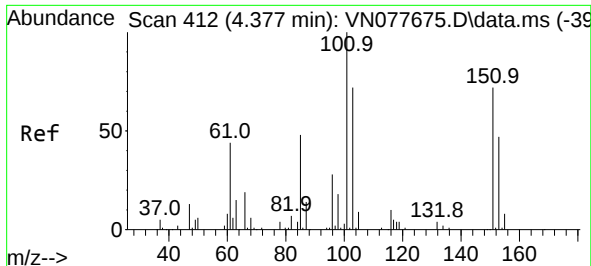
Tgt Ion:101 Resp: 362892
Ion Ratio Lower Upper
101 100
103 61.2 50.7 76.1



#8
Diethyl Ether
Concen: 43.166 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077776.D
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Tgt Ion: 74 Resp: 127074
Ion Ratio Lower Upper
74 100
45 80.5 34.4 103.3

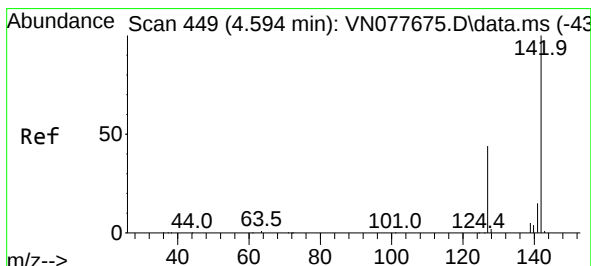
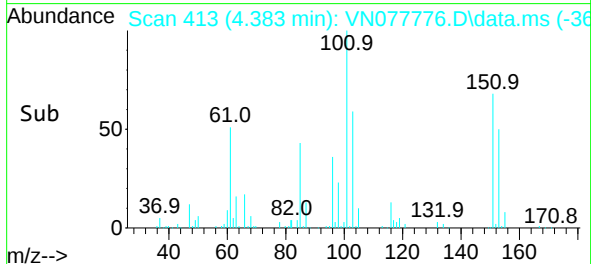
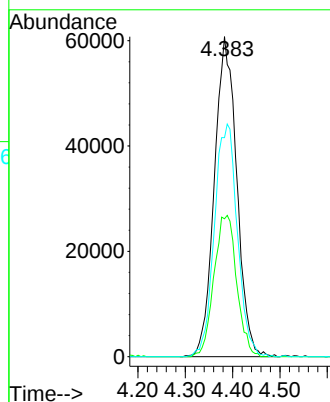
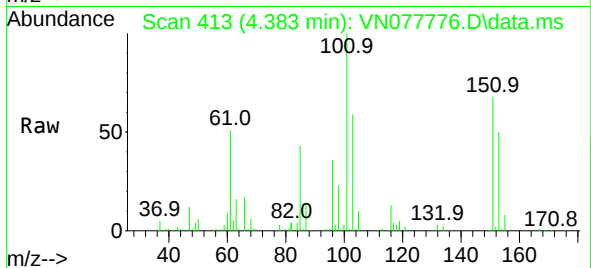




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.657 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

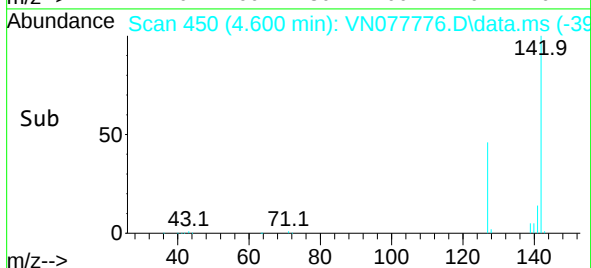
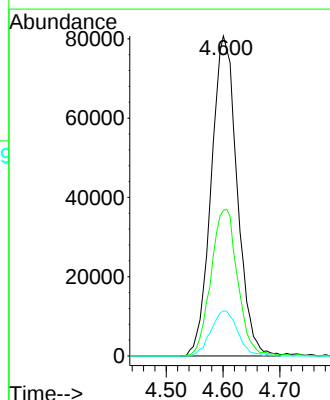
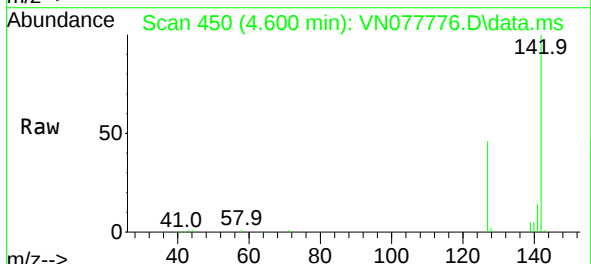
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

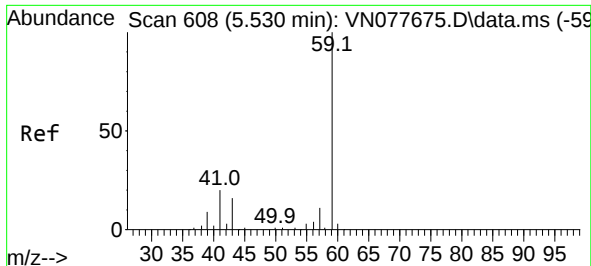
Tgt Ion:101 Resp: 199283
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 74.8 57.6 86.4



#10
Methyl Iodide
Concen: 48.021 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion:142 Resp: 255566
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.1 11.4 17.0

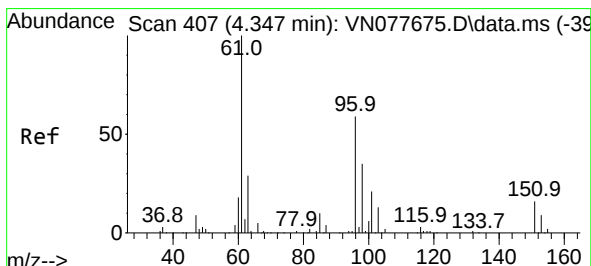
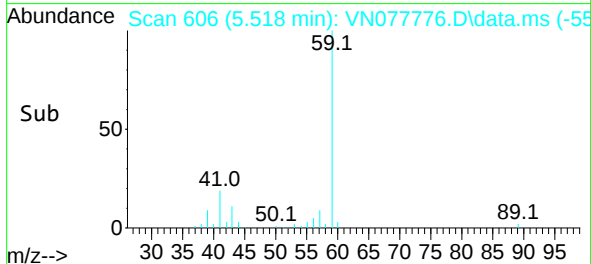
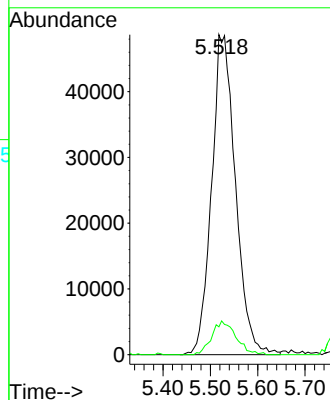
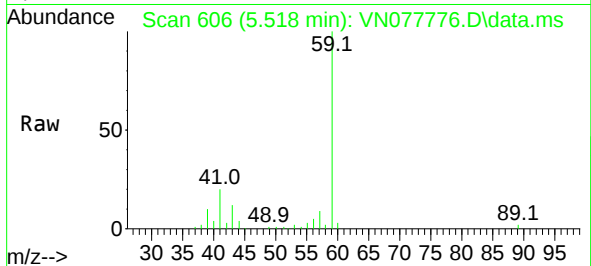




#11
Tert butyl alcohol
Concen: 204.890 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

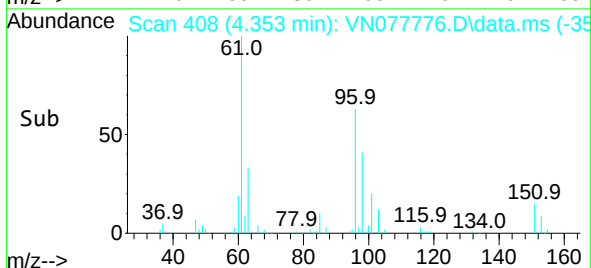
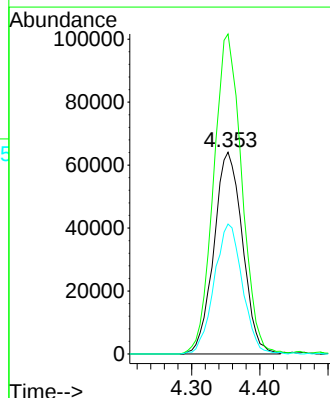
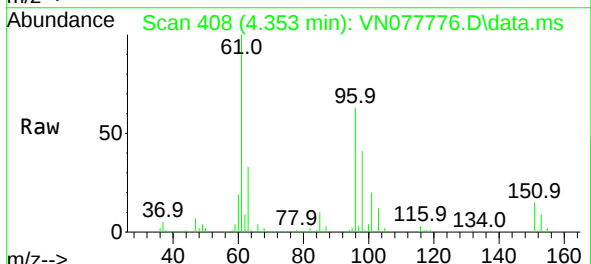
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

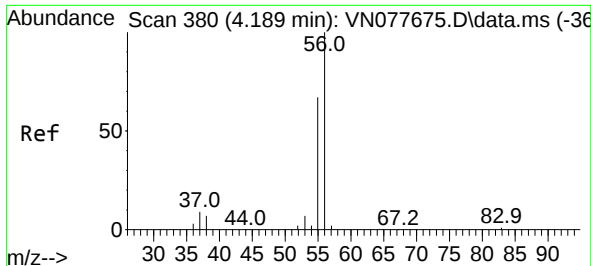
Tgt Ion: 59 Resp: 170616
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.104 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 96 Resp: 187063
Ion Ratio Lower Upper
96 100
61 158.6 112.7 169.1
98 64.4 51.2 76.8

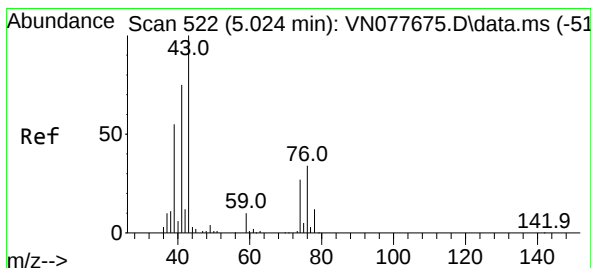
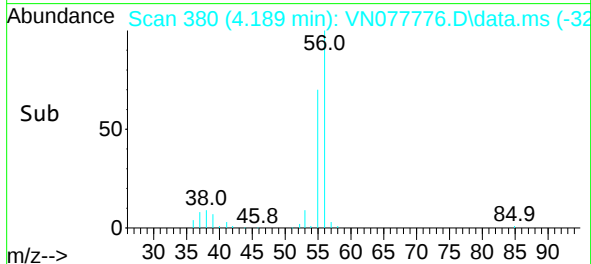
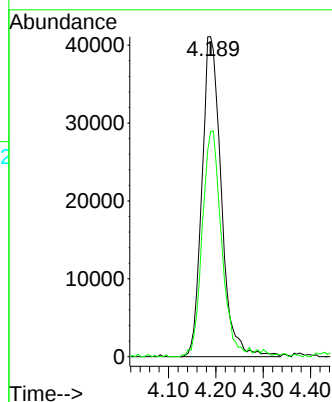
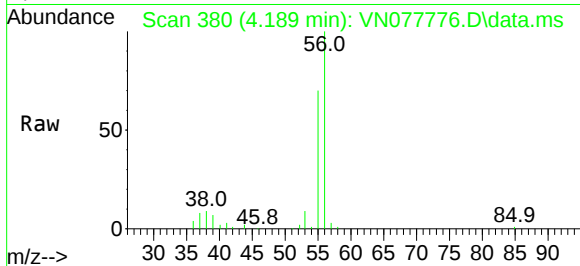




#13
Acrolein
Concen: 221.680 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

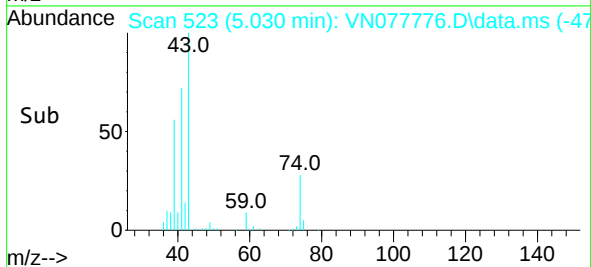
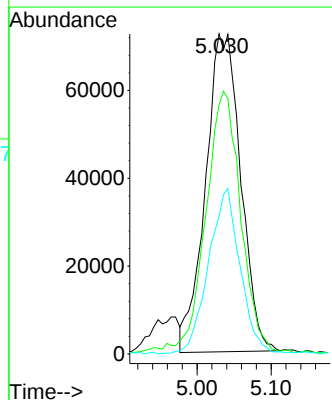
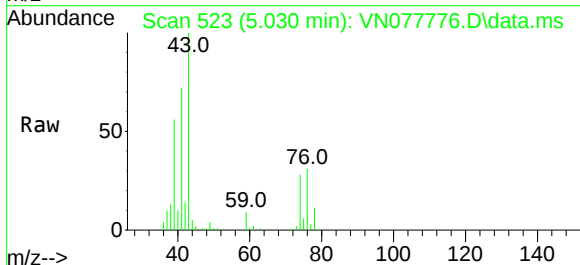
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

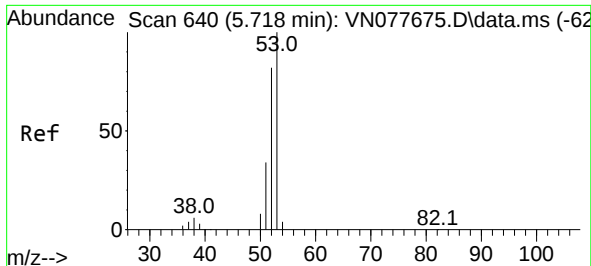
Tgt Ion: 56 Resp: 116527
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7



#14
Allyl chloride
Concen: 38.321 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 41 Resp: 238770
Ion Ratio Lower Upper
41 100
39 83.9 58.8 88.2
76 47.0 39.1 58.7

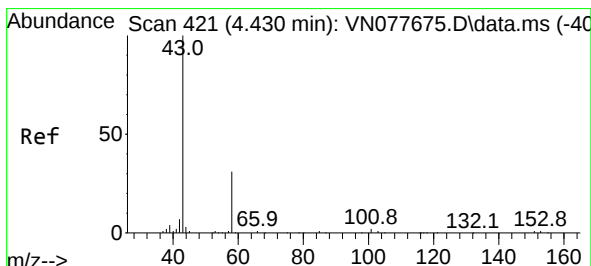
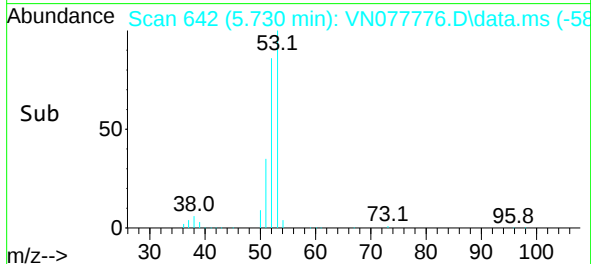
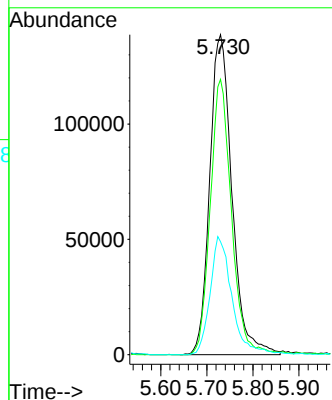
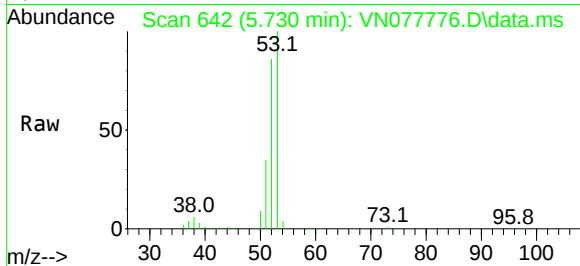




#15
Acrylonitrile
Concen: 209.420 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

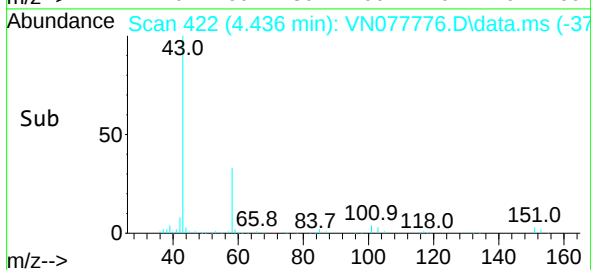
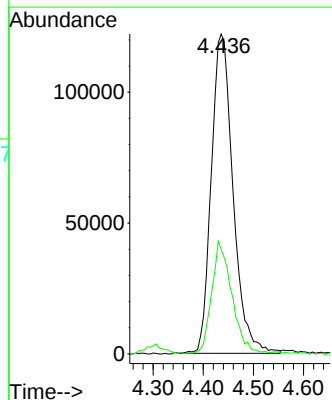
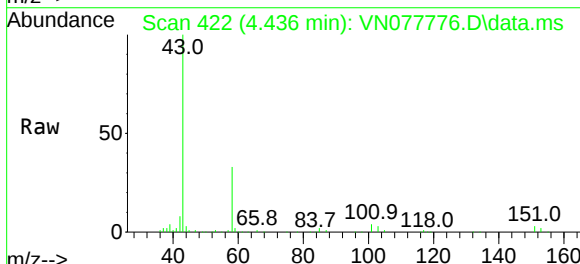
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

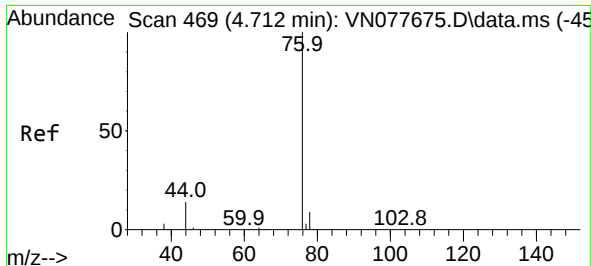
Tgt Ion: 53 Resp: 465898
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.3 28.9 43.3



#16
Acetone
Concen: 193.951 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 43 Resp: 368178
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0

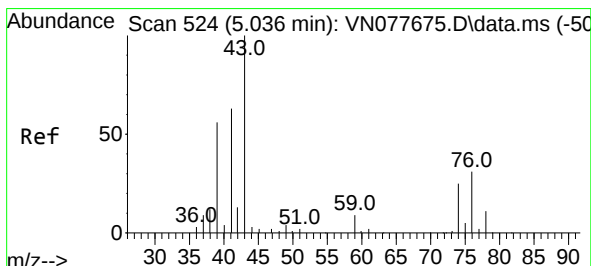
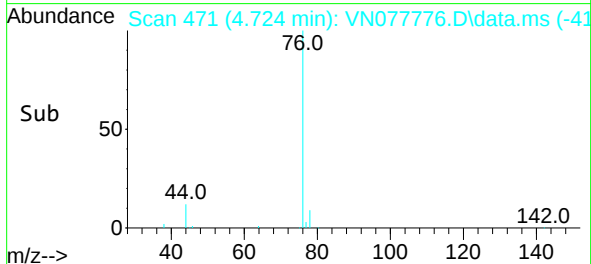
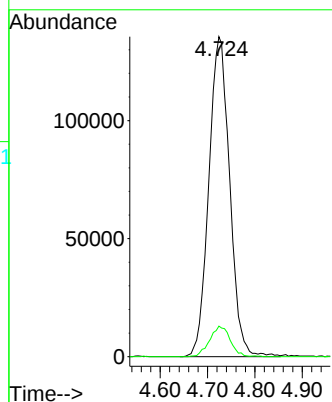
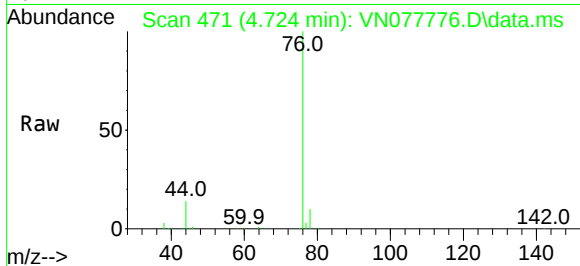




#17
Carbon Disulfide
Concen: 36.295 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

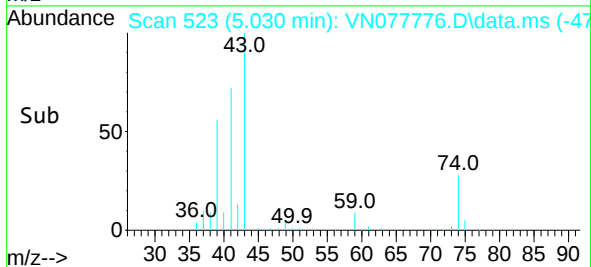
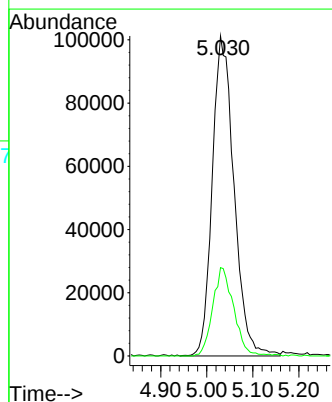
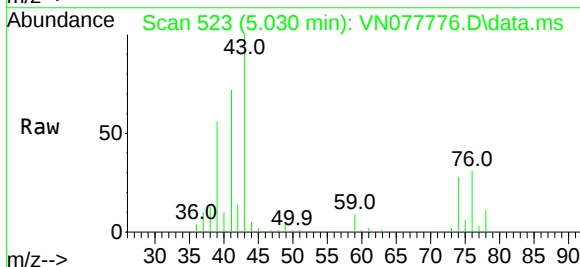
Instrument :
MSVOA_N
ClientSampleId :
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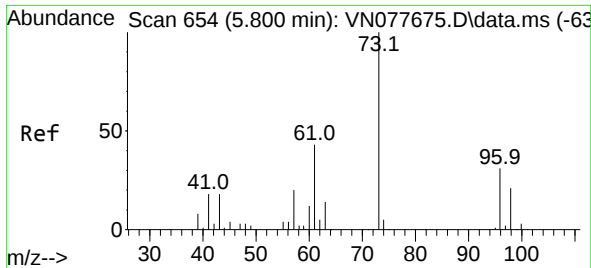
Tgt Ion: 76 Resp: 414779
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 41.606 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 43 Resp: 331341
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4

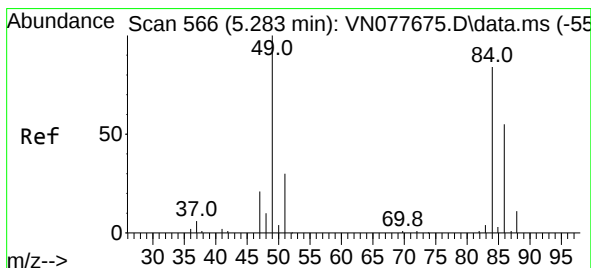
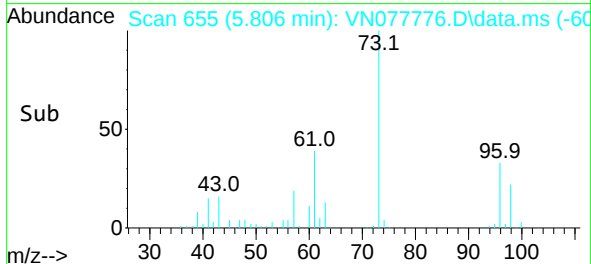
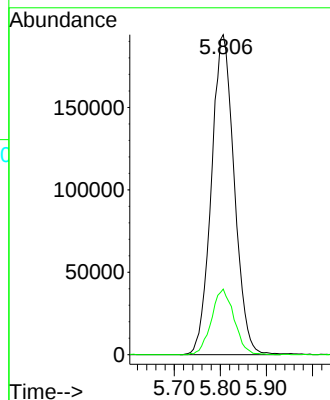
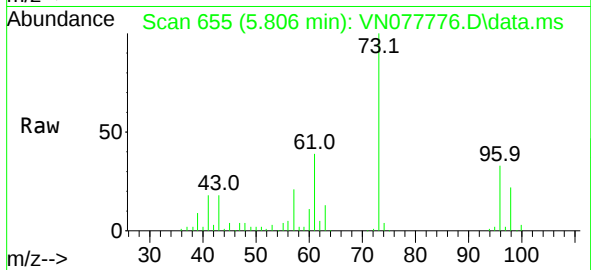




#19
Methyl tert-butyl Ether
Concen: 43.593 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

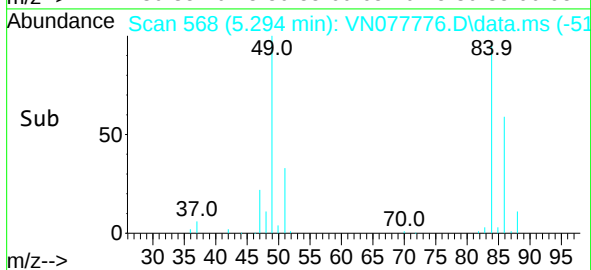
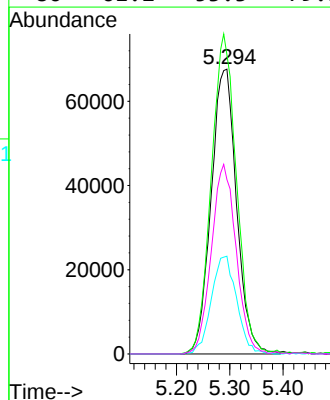
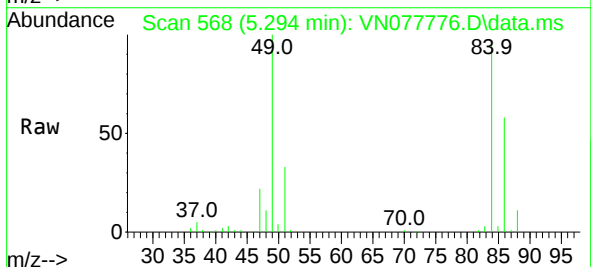
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

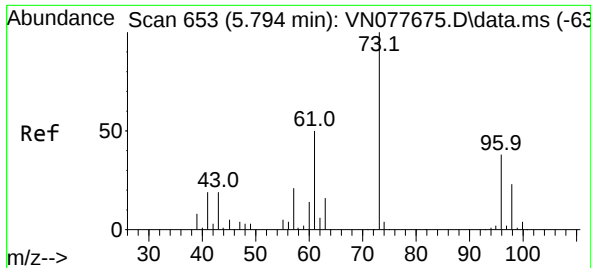
Tgt Ion: 73 Resp: 669240
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4



#20
Methylene Chloride
Concen: 45.290 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 84 Resp: 224695
Ion Ratio Lower Upper
84 100
49 105.1 79.7 119.5
51 34.3 25.2 37.8
86 61.2 53.3 79.9

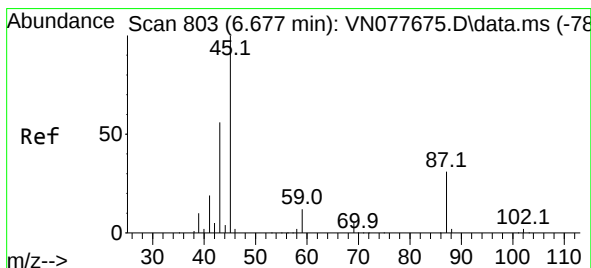
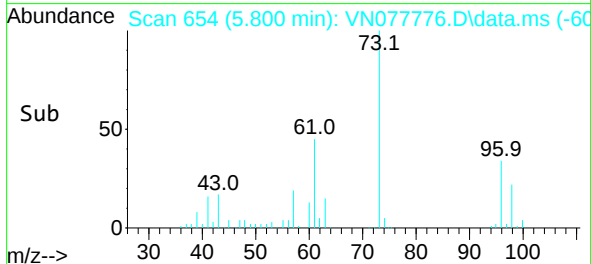
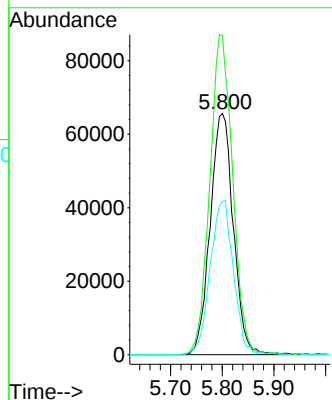
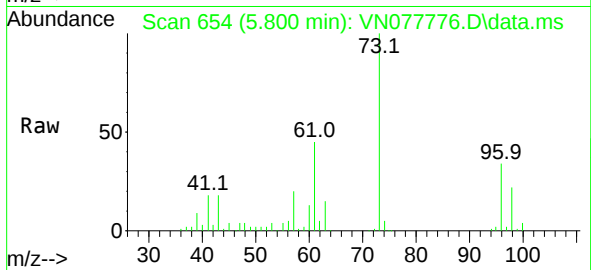




#21
trans-1,2-Dichloroethene
Concen: 42.828 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

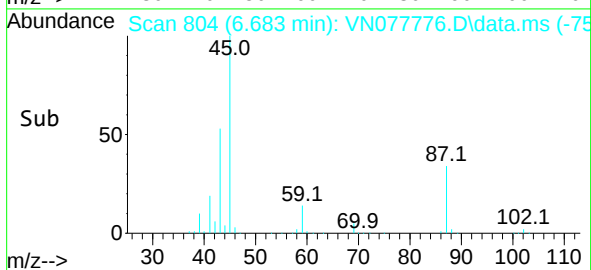
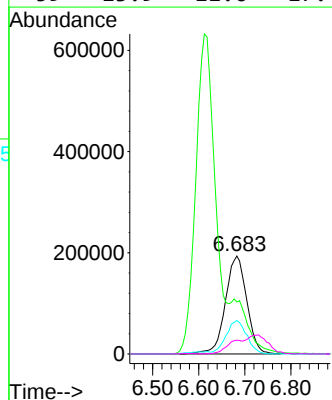
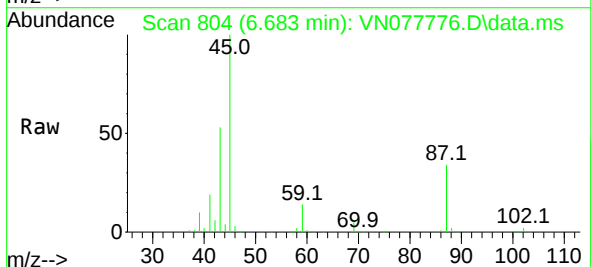
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 204046
Ion Ratio Lower Upper
96 100
61 132.2 90.1 135.1
98 63.5 46.4 69.6



#22
Diisopropyl ether
Concen: 42.557 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 45 Resp: 621520
Ion Ratio Lower Upper
45 100
43 51.9 45.5 68.3
87 34.0 31.8 47.8
59 13.9 11.6 17.4

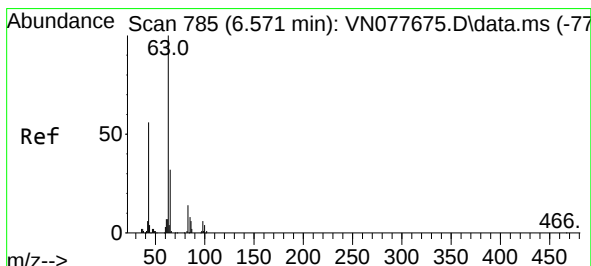
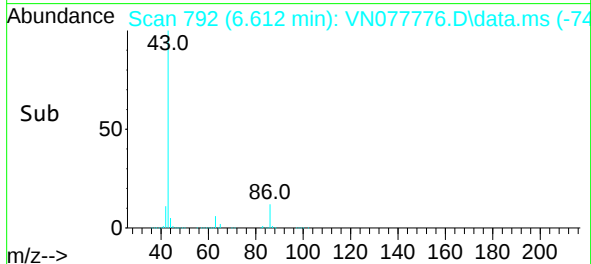
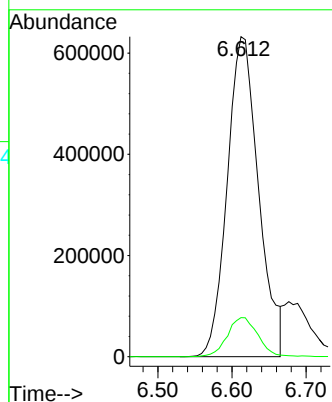
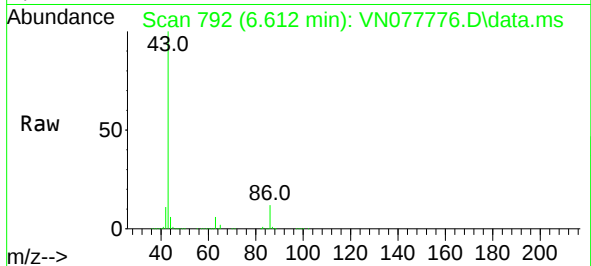




#23
 Vinyl Acetate
 Concen: 205.872 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

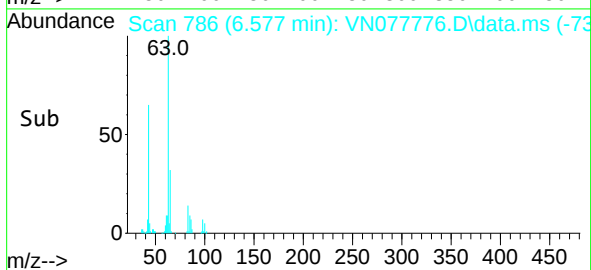
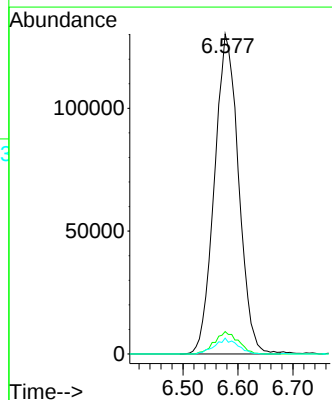
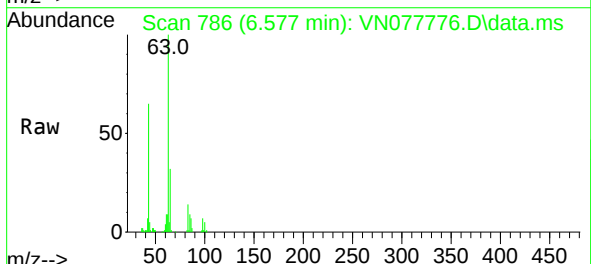
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1862869
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 44.403 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

Tgt Ion: 63 Resp: 397294
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.9 2.5 7.4

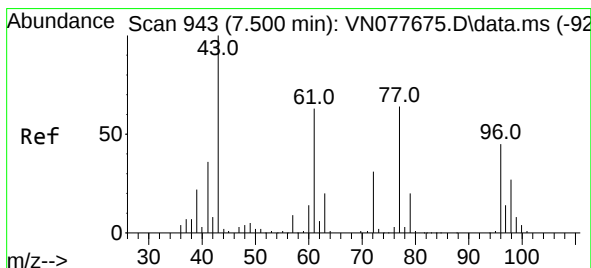
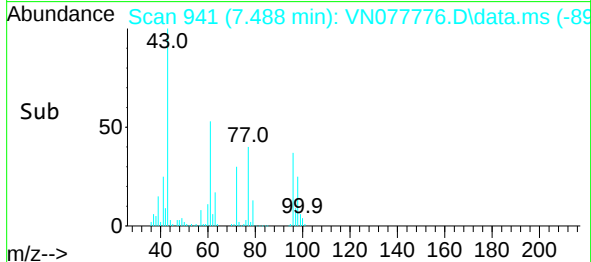
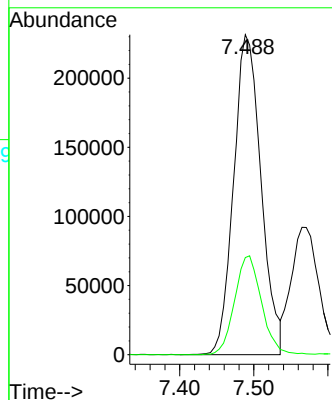
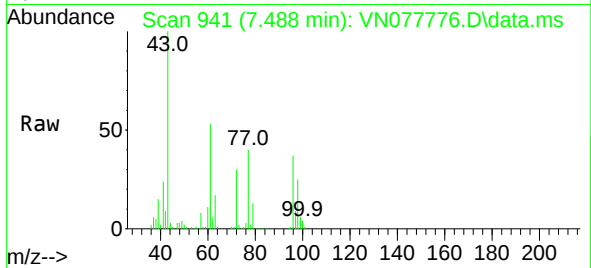




#25
2-Butanone
Concen: 200.451 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

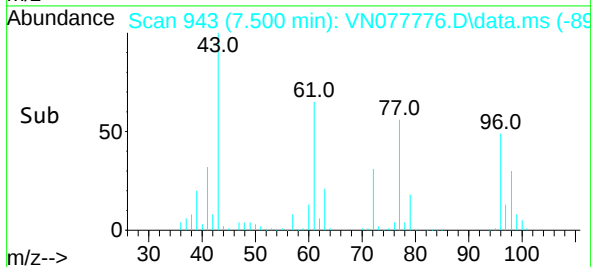
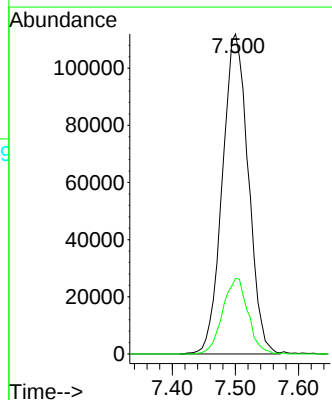
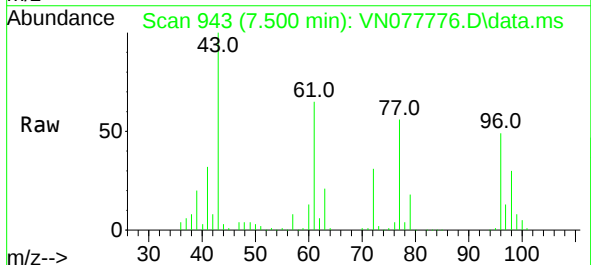
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 595243
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 42.005 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 77 Resp: 319299
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6

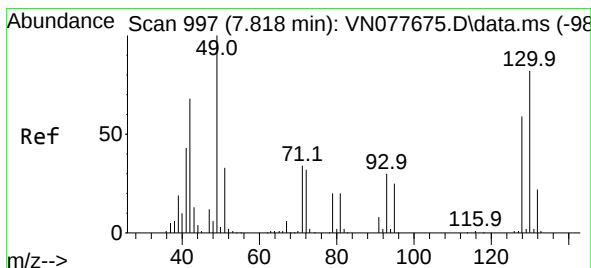
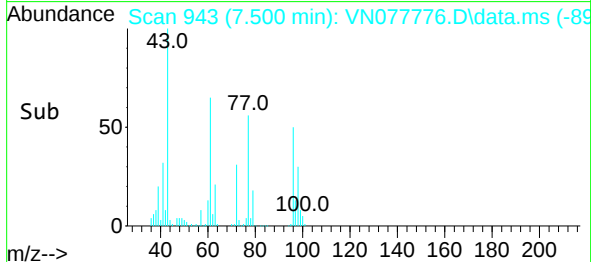
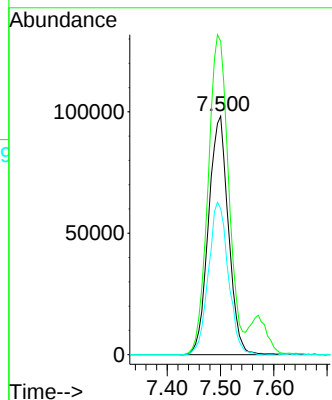
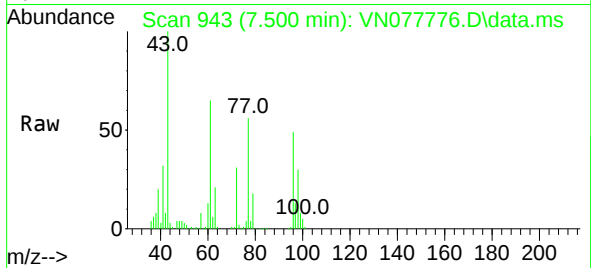




#27
 cis-1,2-Dichloroethene
 Concen: 44.654 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

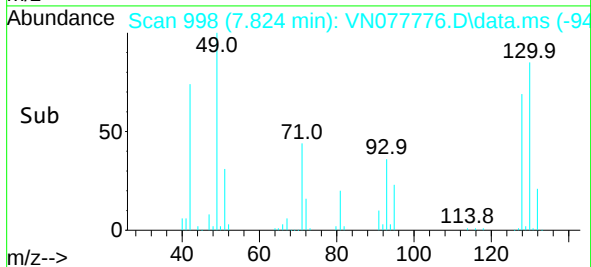
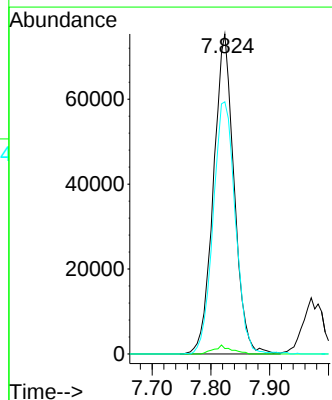
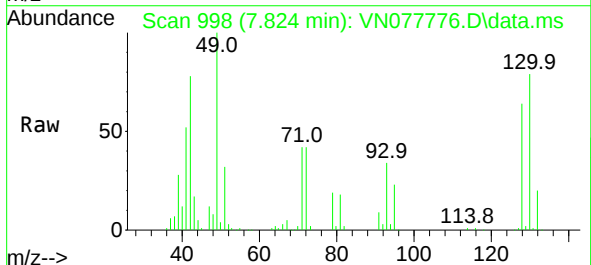
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

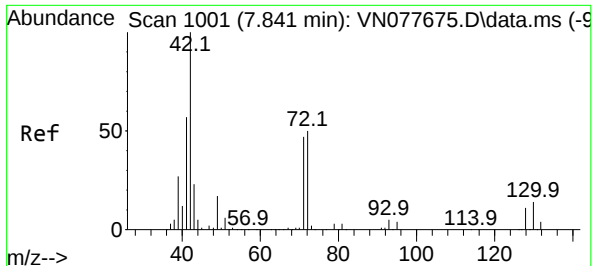
Tgt Ion: 96 Resp: 255091
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 47.412 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

Tgt Ion: 49 Resp: 183465
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 84.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 193.699 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

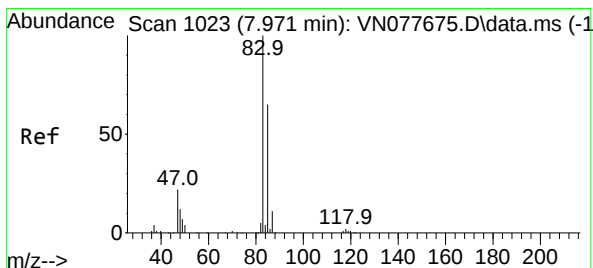
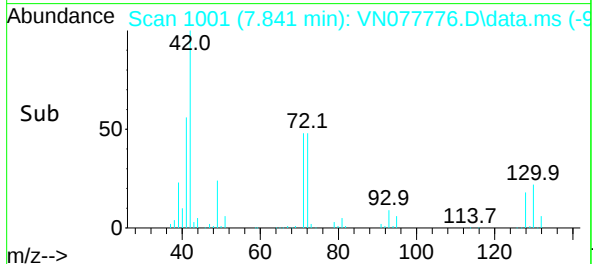
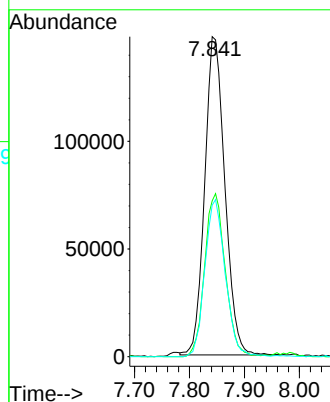
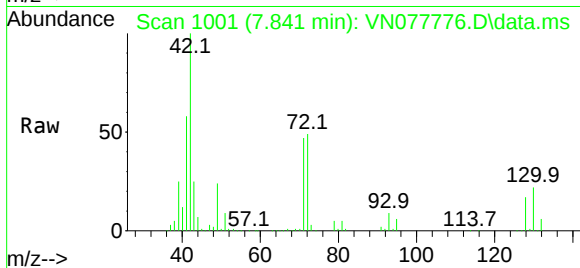
Tgt Ion: 42 Resp: 376633

Ion Ratio Lower Upper

42 100

72 52.5 49.8 74.6

71 50.2 47.4 71.2



#30

Chloroform

Concen: 44.245 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077776.D

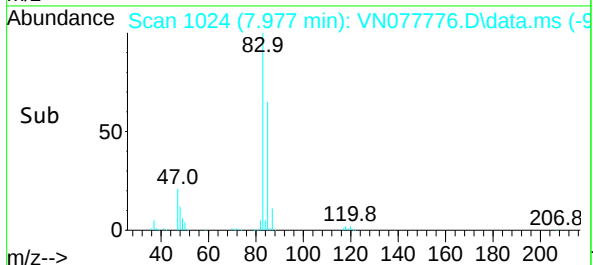
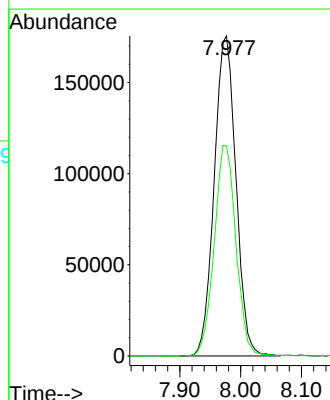
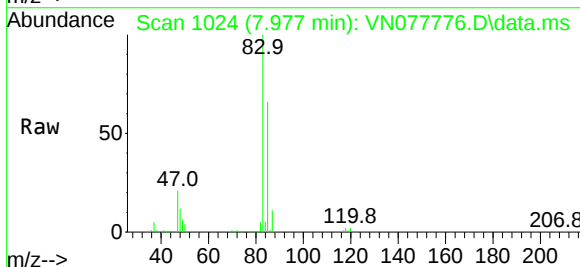
Acq: 19 May 2023 19:57

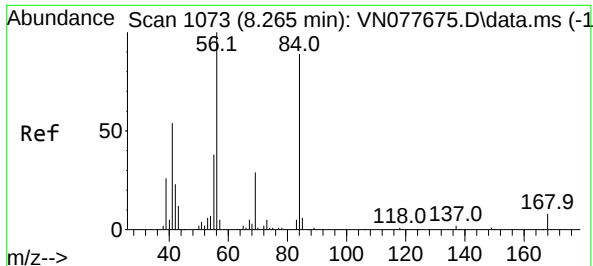
Tgt Ion: 83 Resp: 435479

Ion Ratio Lower Upper

83 100

85 65.7 55.4 83.0

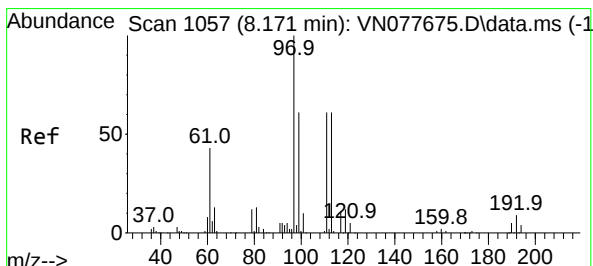
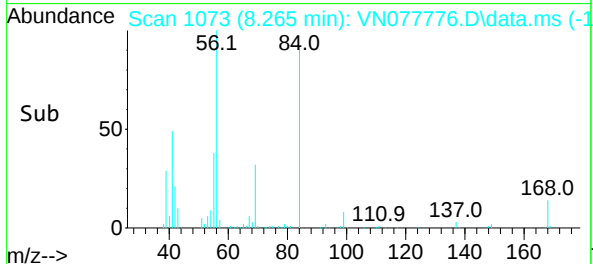
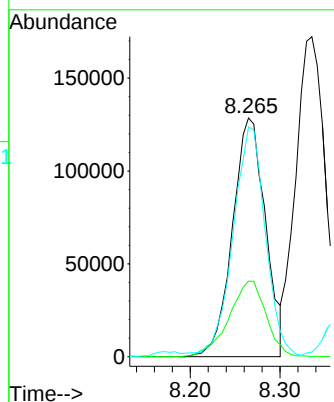
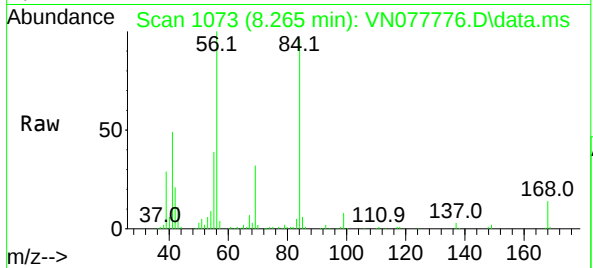




#31
Cyclohexane
Concen: 40.003 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

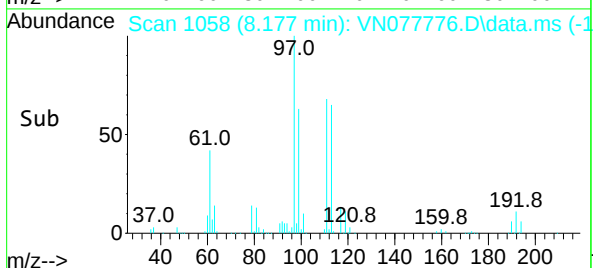
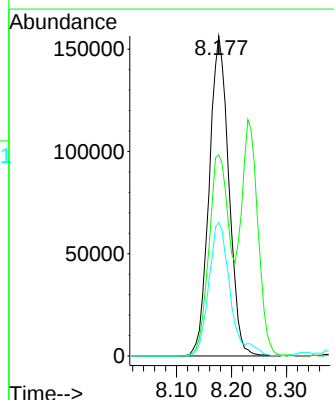
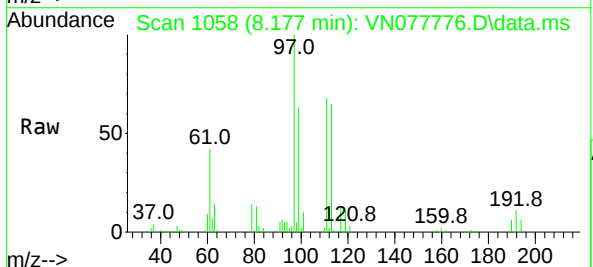
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

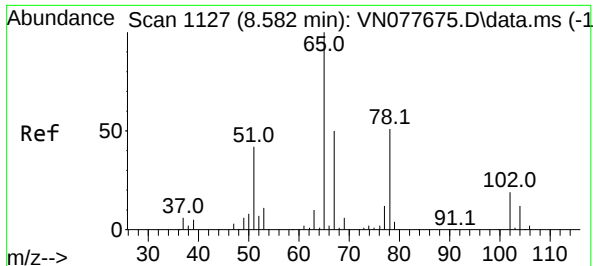
Tgt Ion: 56 Resp: 328052
Ion Ratio Lower Upper
56 100
69 31.6 26.8 40.2
84 94.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 46.297 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 97 Resp: 387411
Ion Ratio Lower Upper
97 100
99 66.4 50.3 75.5
61 45.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

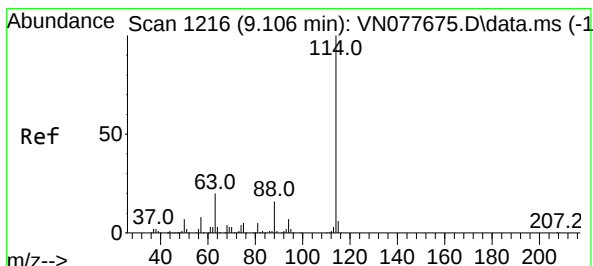
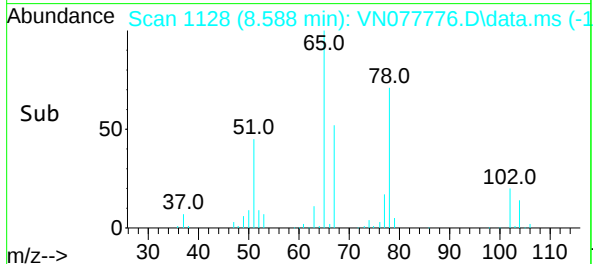
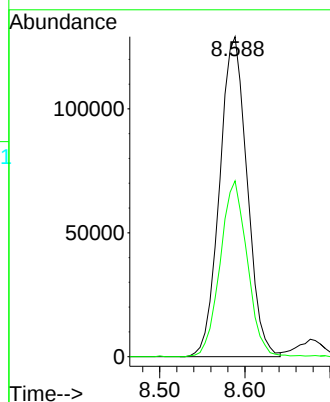
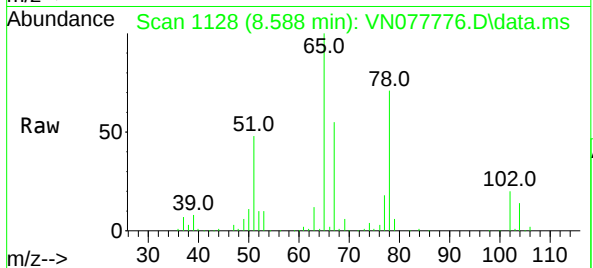
VSTDCCC050EC

Tgt Ion: 65 Resp: 289168

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

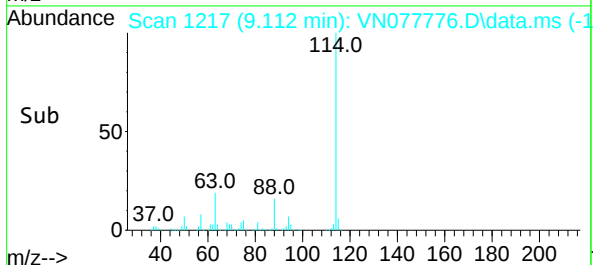
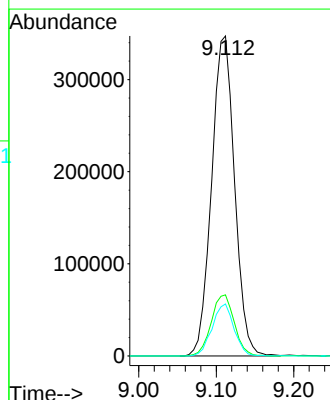
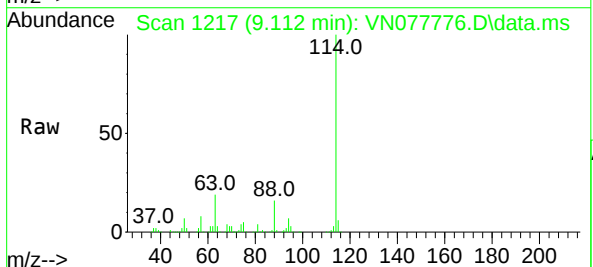
Tgt Ion: 114 Resp: 716576

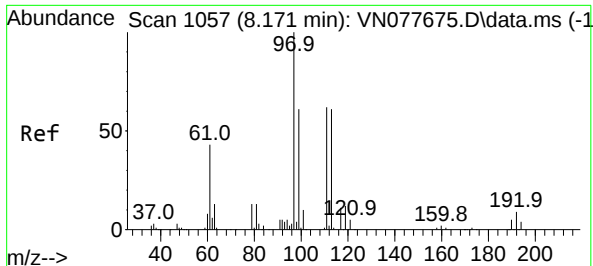
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 16.2 0.0 30.6

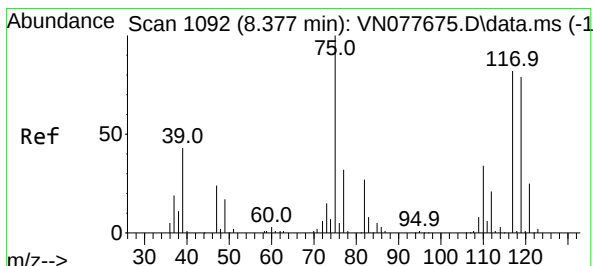
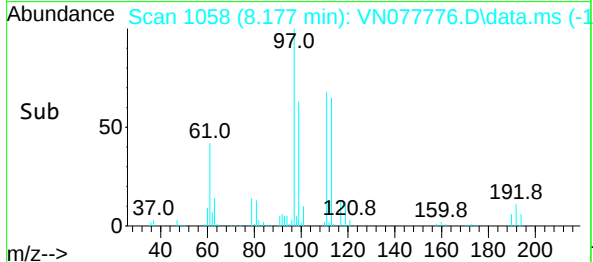
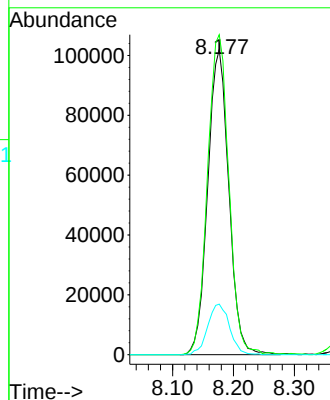
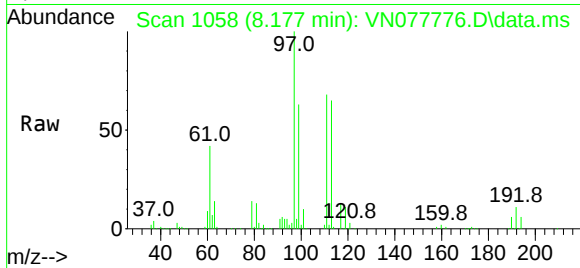




#35
Dibromofluoromethane
Concen: 52.488 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

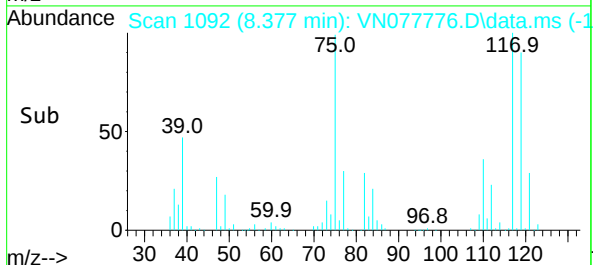
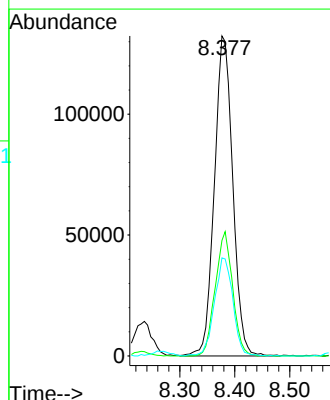
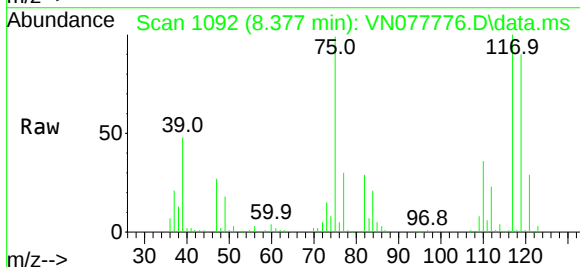
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

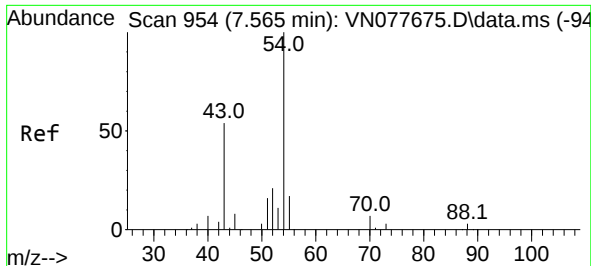
Tgt Ion:113 Resp: 245259
Ion Ratio Lower Upper
113 100
111 105.8 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 45.033 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 75 Resp: 307780
Ion Ratio Lower Upper
75 100
110 36.8 19.1 57.3
77 30.8 25.0 37.4

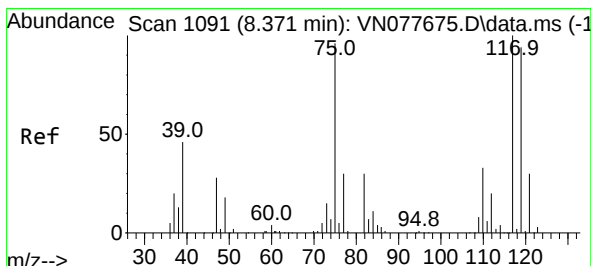
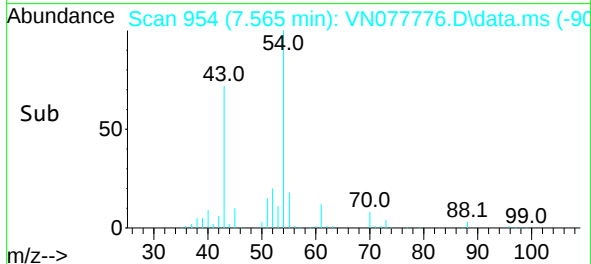
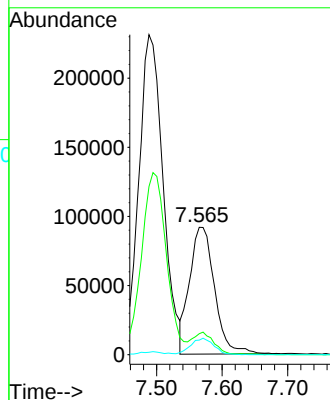
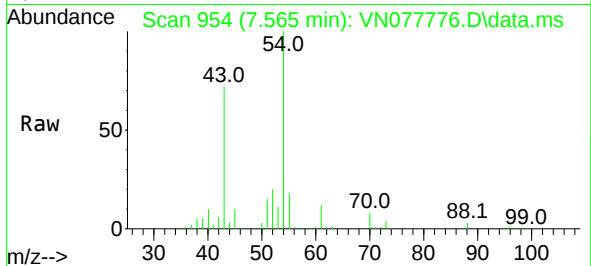




#37
Ethyl Acetate
Concen: 39.989 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

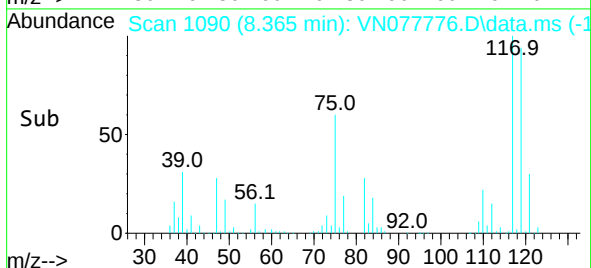
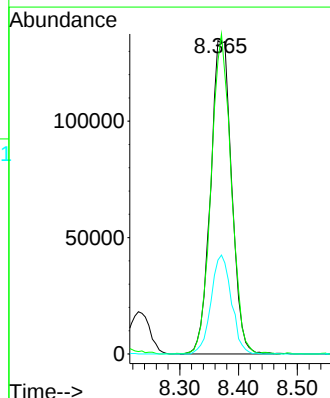
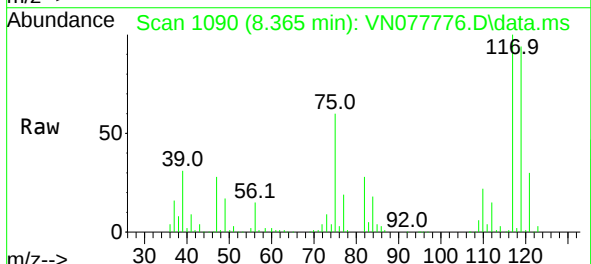
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

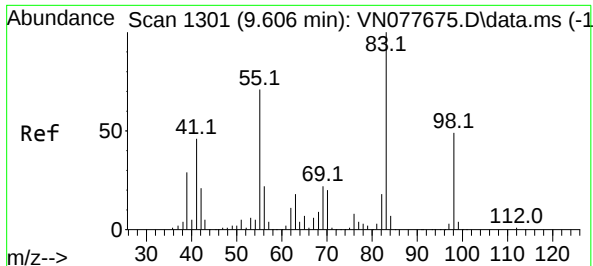
Tgt Ion: 43 Resp: 243599
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 12.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 48.635 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 117 Resp: 335652
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 44.861 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

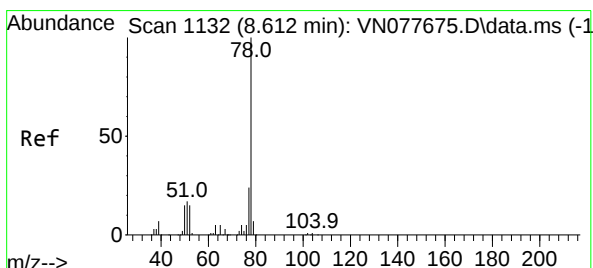
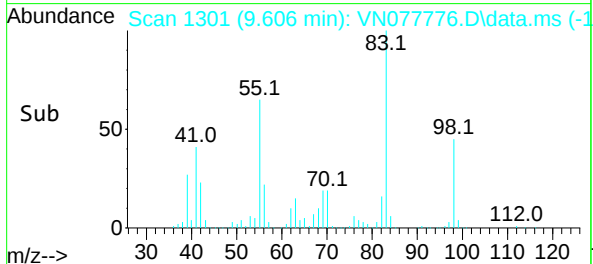
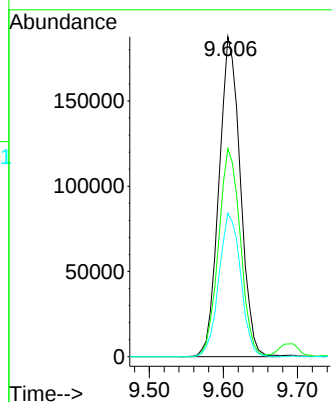
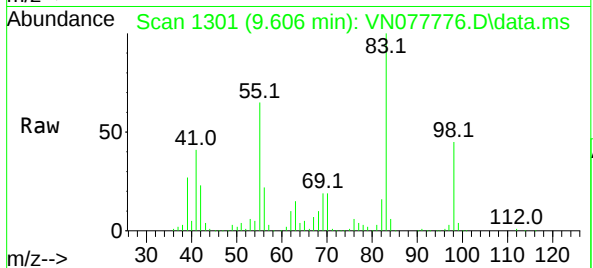
Tgt Ion: 83 Resp: 375366

Ion Ratio Lower Upper

83 100

55 65.0 49.1 73.7

98 44.8 40.6 61.0



#40

Benzene

Concen: 45.855 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077776.D

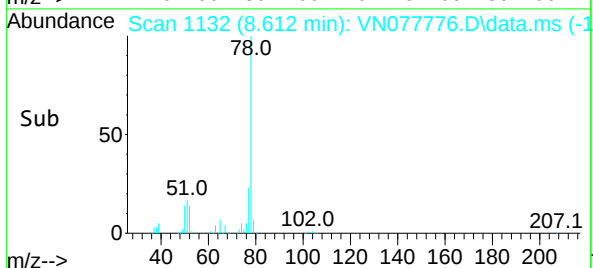
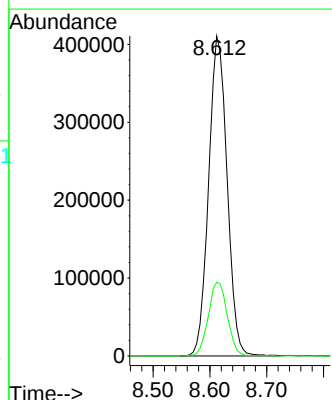
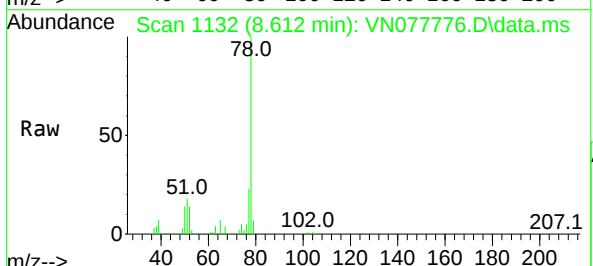
Acq: 19 May 2023 19:57

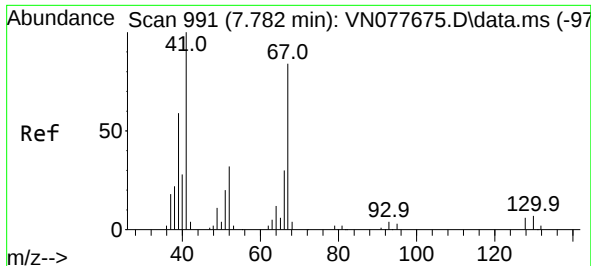
Tgt Ion: 78 Resp: 924839

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6



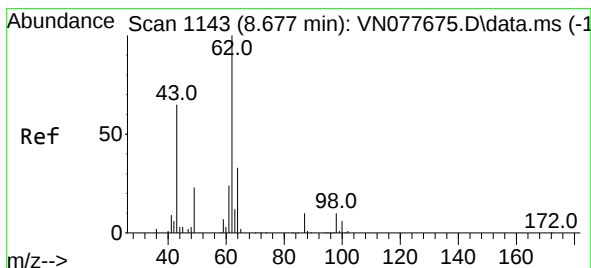
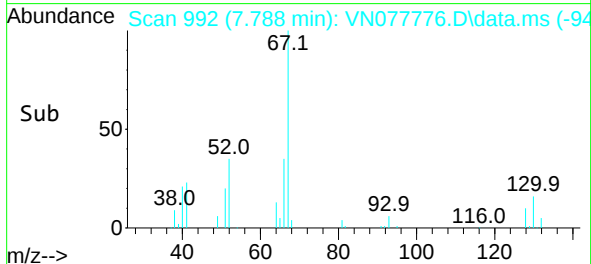
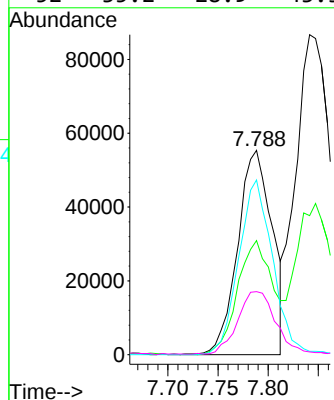
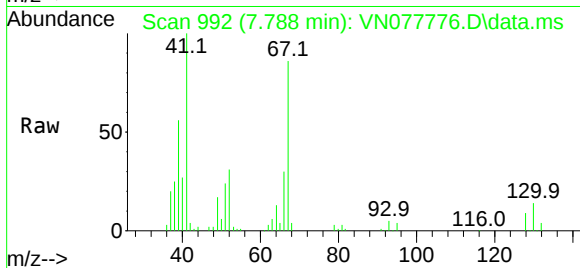


#41
Methacrylonitrile
Concen: 40.771 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 132270

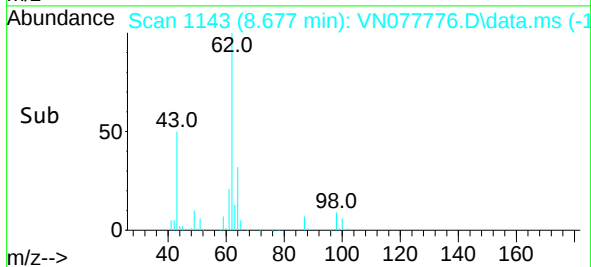
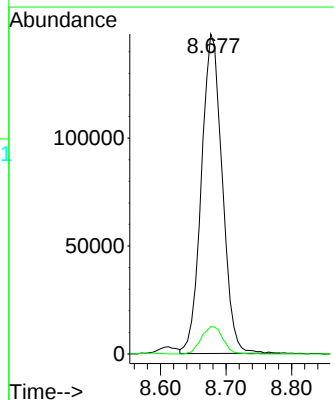
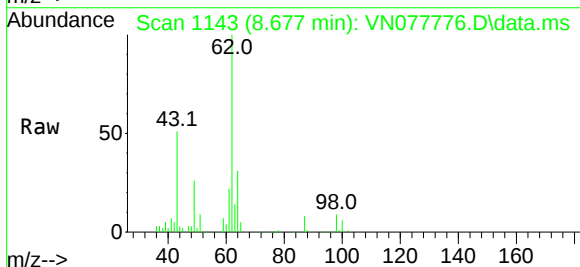
Ion	Ratio	Lower	Upper
41	100		
39	56.6	42.6	64.0
67	85.3	77.5	116.3
52	35.2	28.9	43.3

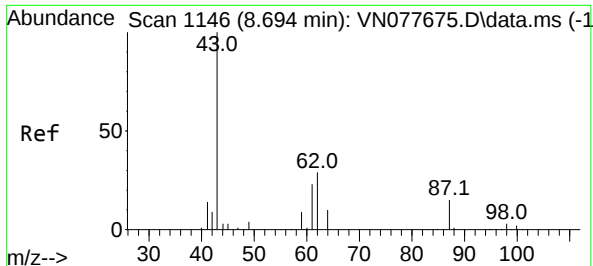


#42
1,2-Dichloroethane
Concen: 44.730 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 62 Resp: 327706

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

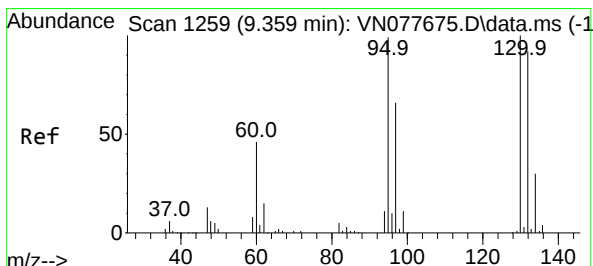
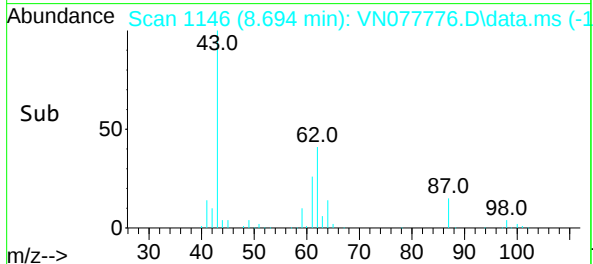
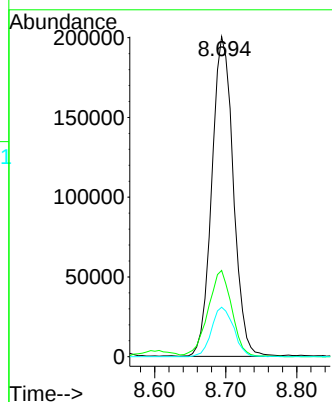
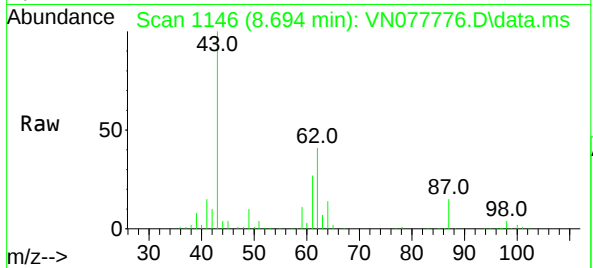




#43
Isopropyl Acetate
Concen: 42.257 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

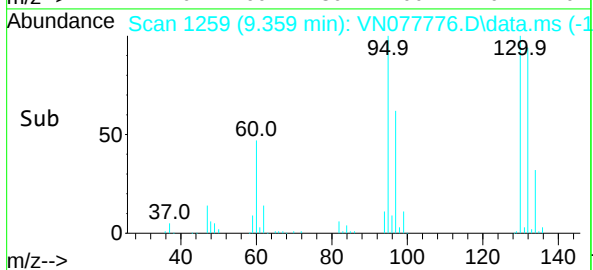
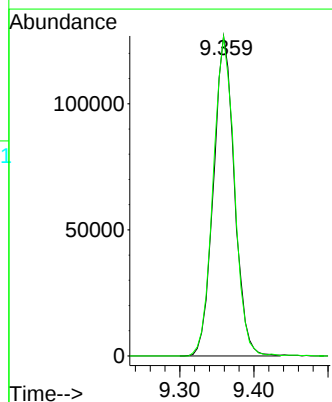
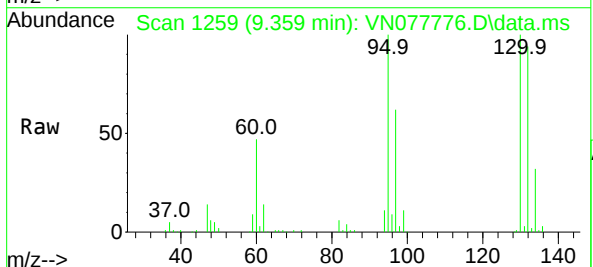
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

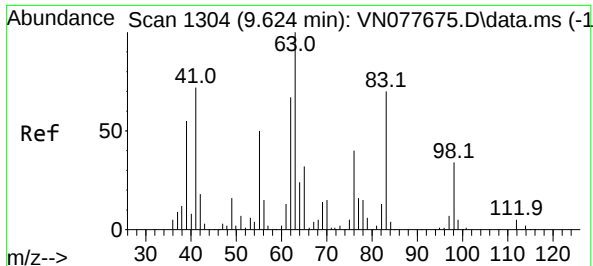
Tgt Ion: 43 Resp: 420464
Ion Ratio Lower Upper
43 100
61 30.1 24.7 37.1
87 16.0 14.6 21.8



#44
Trichloroethene
Concen: 48.699 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion:130 Resp: 248698
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 46.522 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

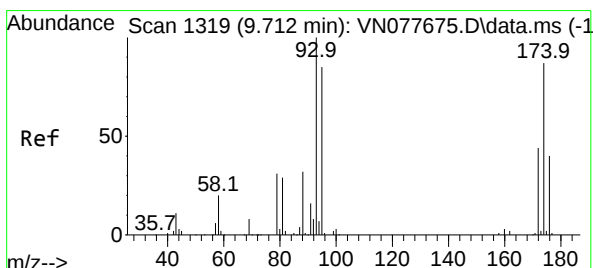
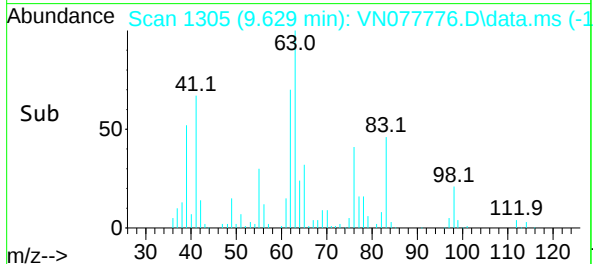
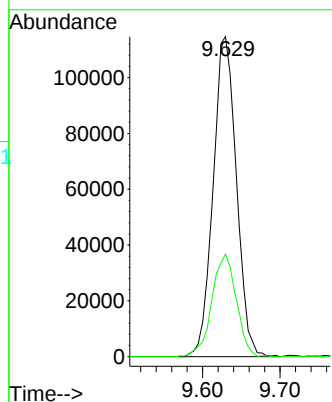
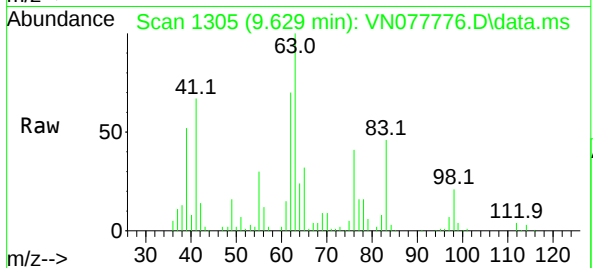
VSTDCCC050EC

Tgt Ion: 63 Resp: 239329

Ion Ratio Lower Upper

63 100

65 32.0 23.9 35.9



#46

Dibromomethane

Concen: 45.933 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

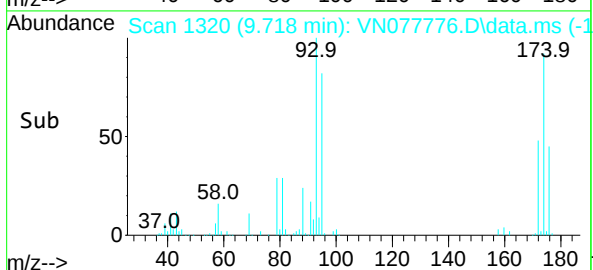
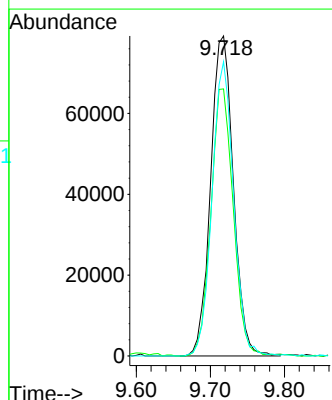
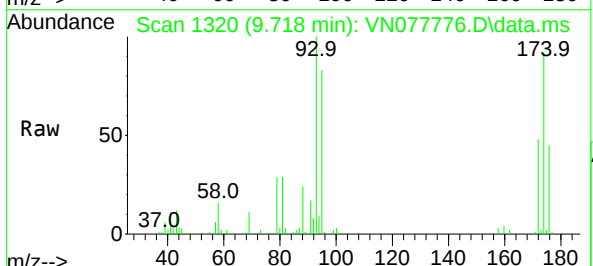
Tgt Ion: 93 Resp: 169089

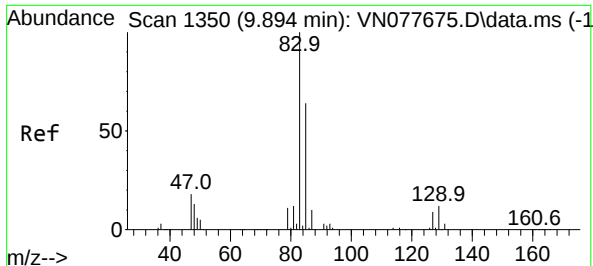
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

174 87.2 65.6 98.4





#47

Bromodichloromethane

Concen: 47.940 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

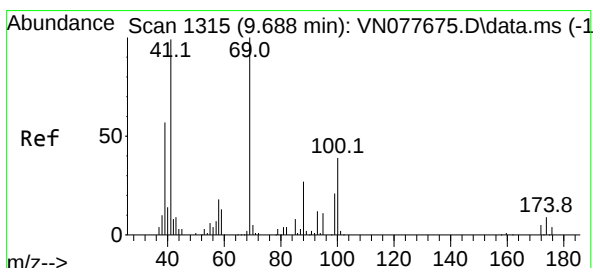
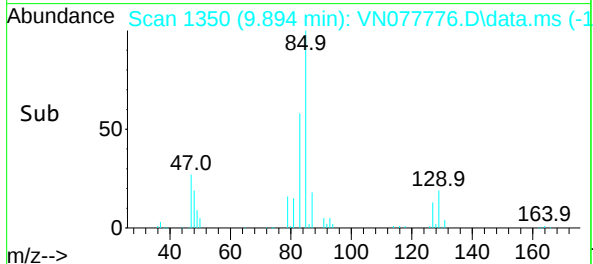
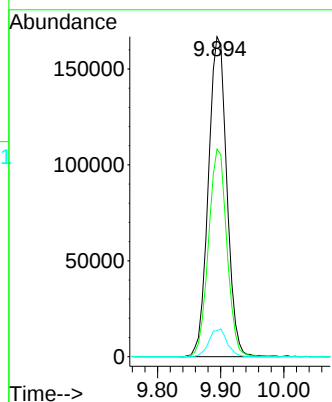
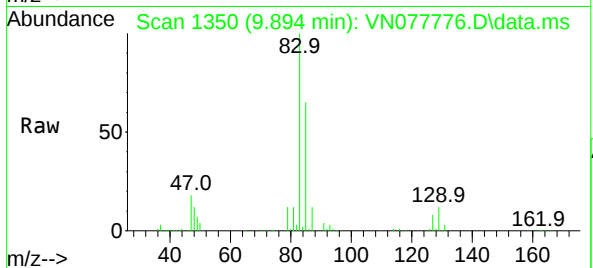
Tgt Ion: 83 Resp: 337864

Ion Ratio Lower Upper

83 100

85 64.8 49.6 74.4

127 8.1 7.0 10.6



#48

Methyl methacrylate

Concen: 42.698 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

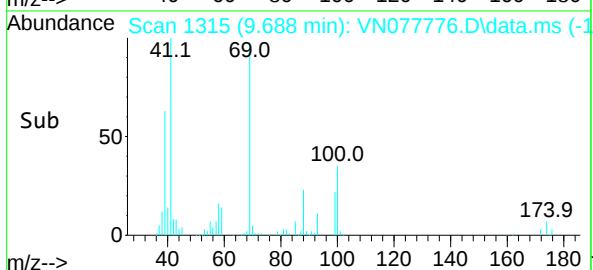
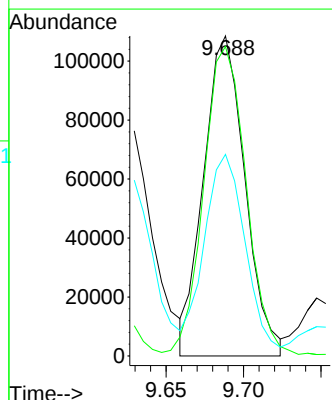
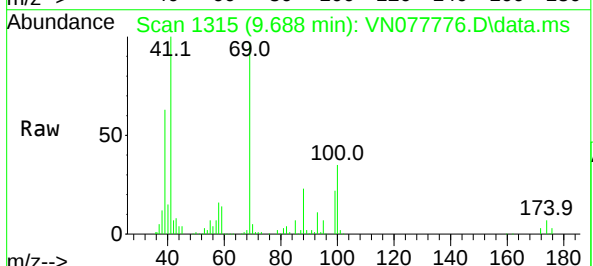
Tgt Ion: 41 Resp: 201431

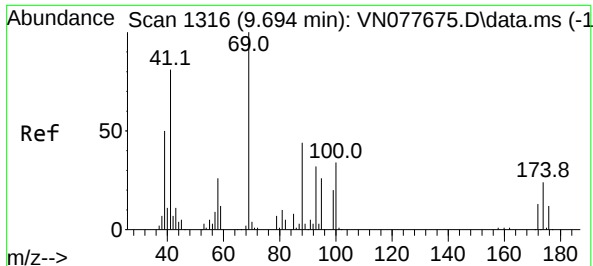
Ion Ratio Lower Upper

41 100

69 98.9 90.4 135.6

39 62.7 54.6 81.8





#49

1,4-Dioxane

Concen: 946.912 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

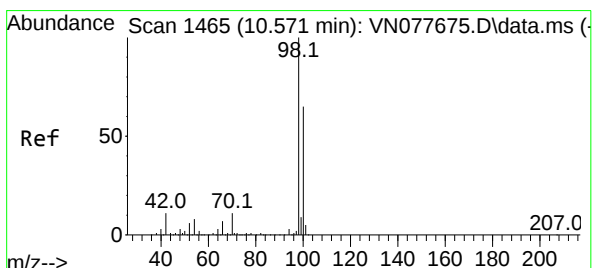
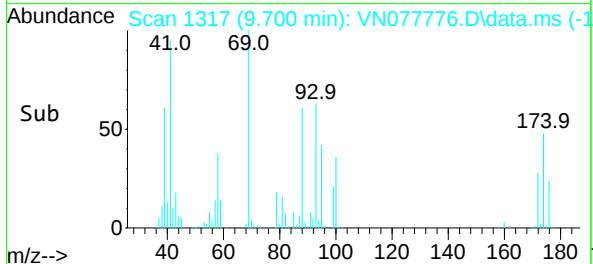
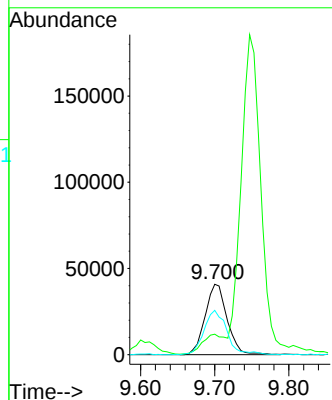
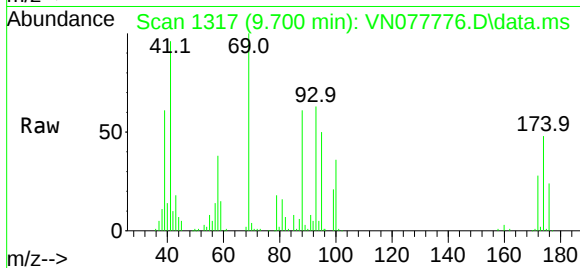
Tgt Ion: 88 Resp: 84372

Ion Ratio Lower Upper

88 100

43 26.5 17.0 25.6#

58 66.0 47.0 70.4



#50

Toluene-d8

Concen: 52.537 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077776.D

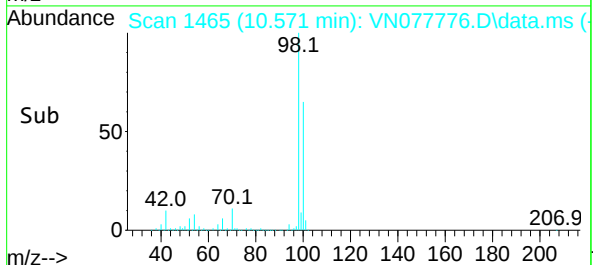
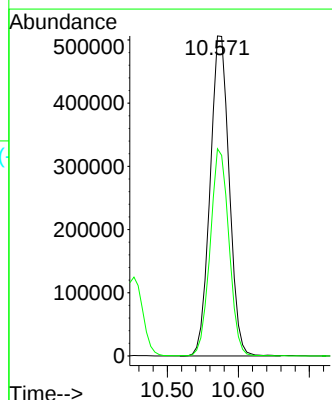
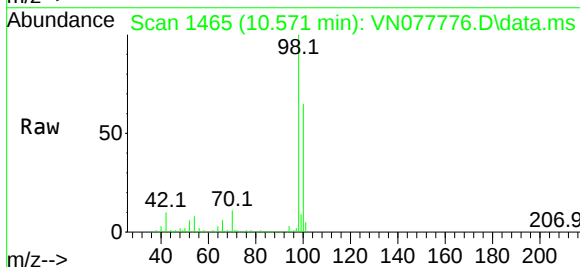
Acq: 19 May 2023 19:57

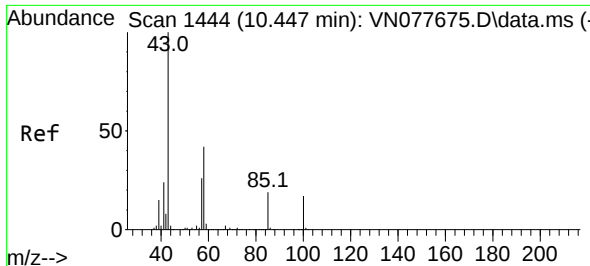
Tgt Ion: 98 Resp: 944903

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

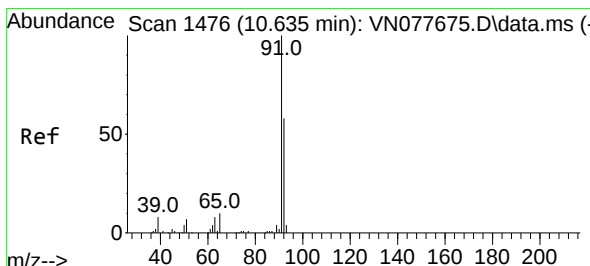
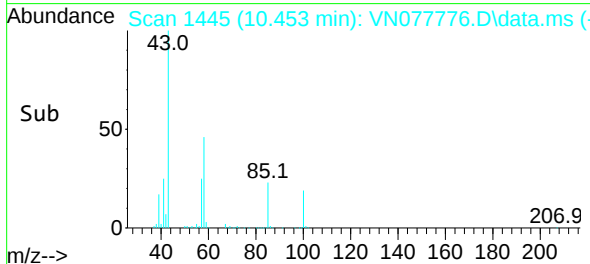
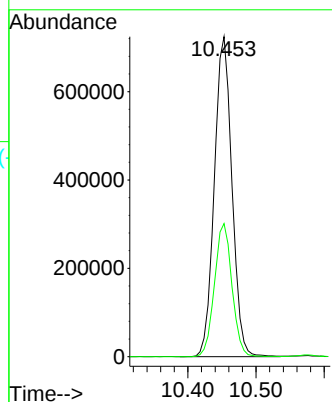
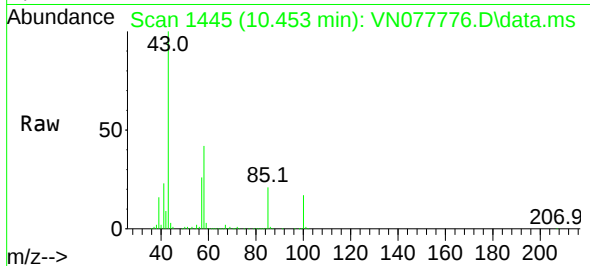




#51
4-Methyl-2-Pentanone
Concen: 220.566 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

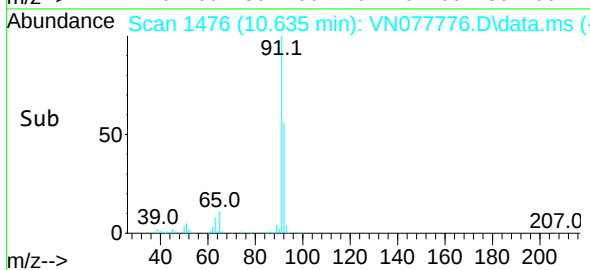
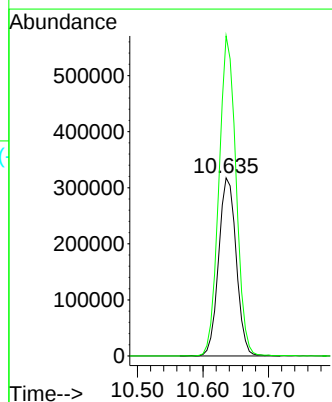
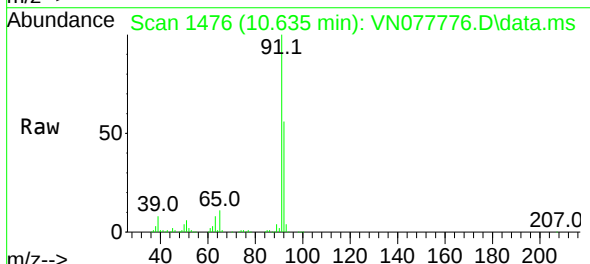
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

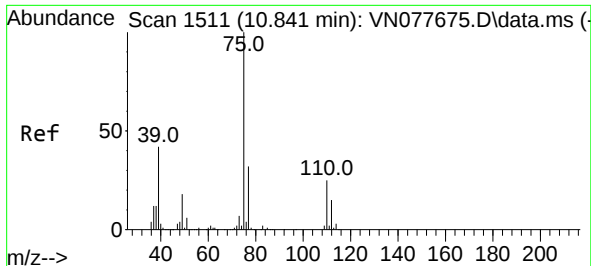
Tgt Ion: 43 Resp: 1304537
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8



#52
Toluene
Concen: 46.942 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 92 Resp: 589404
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.0

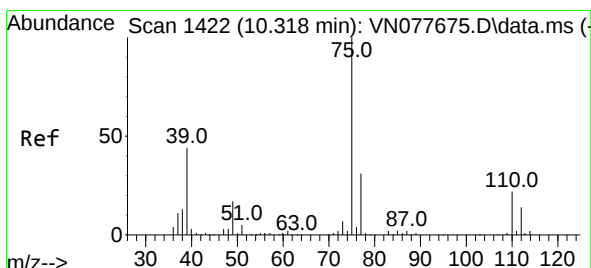
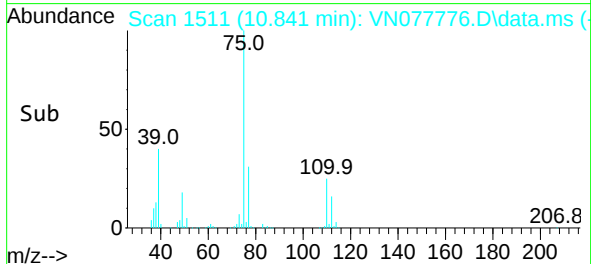
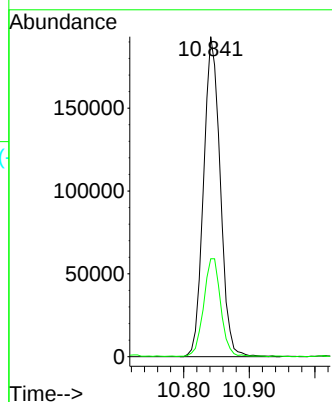
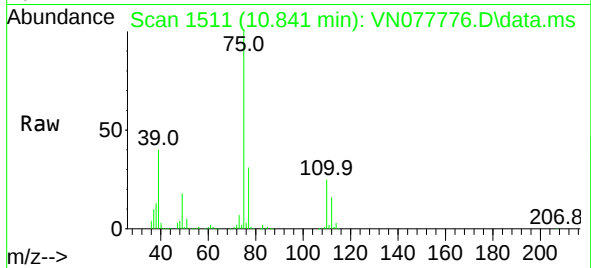




#53
t-1,3-Dichloropropene
Concen: 45.807 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

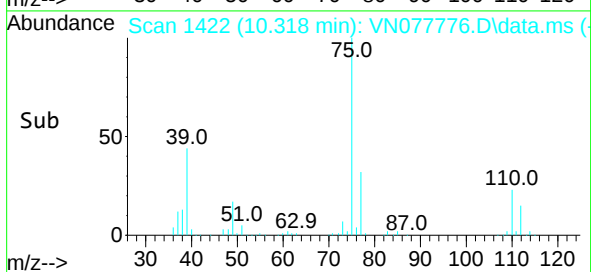
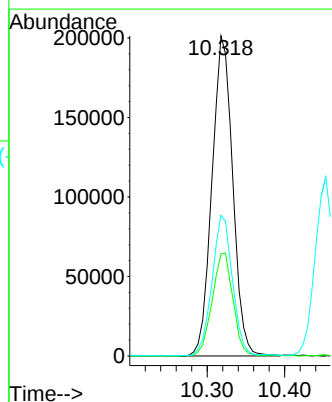
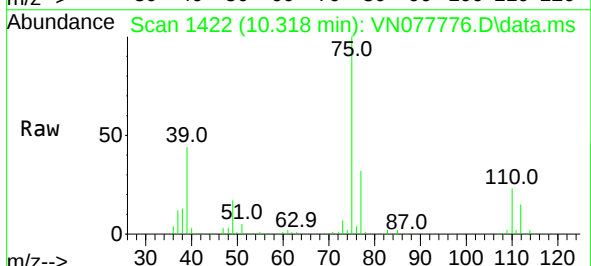
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

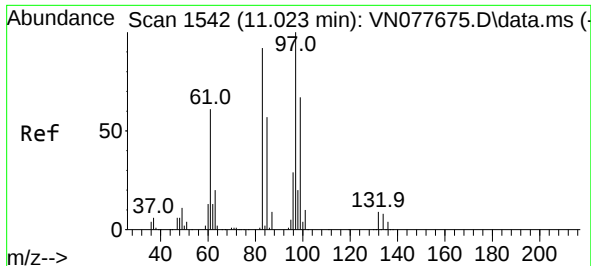
Tgt Ion: 75 Resp: 341868
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 45.566 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 75 Resp: 374762
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 43.9 31.6 47.4

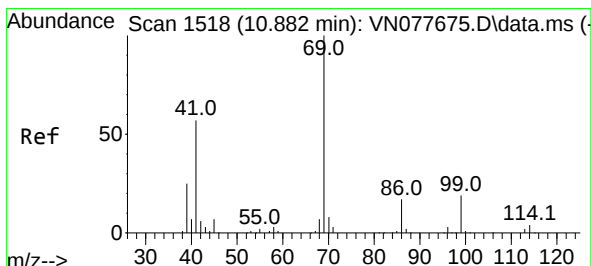
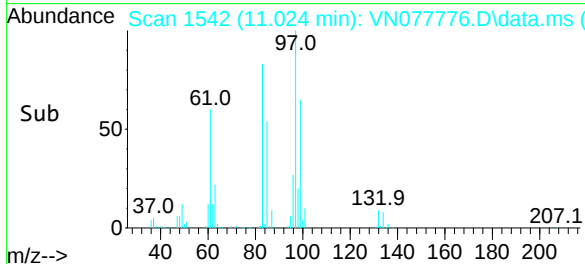
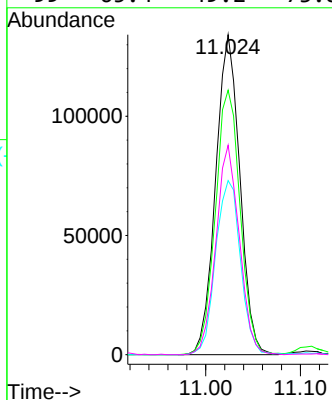
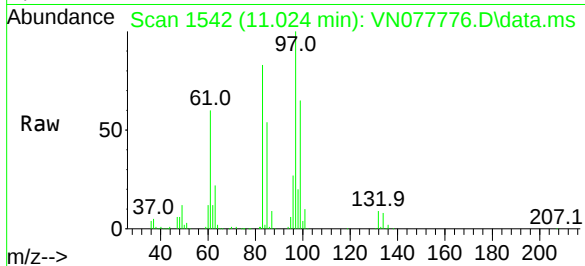




#55
1,1,2-Trichloroethane
Concen: 47.762 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

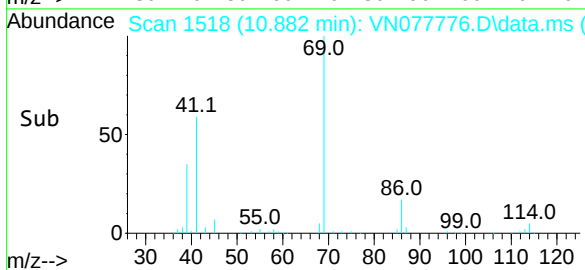
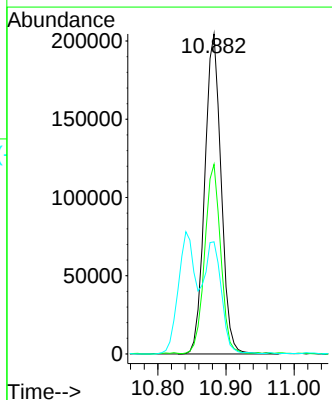
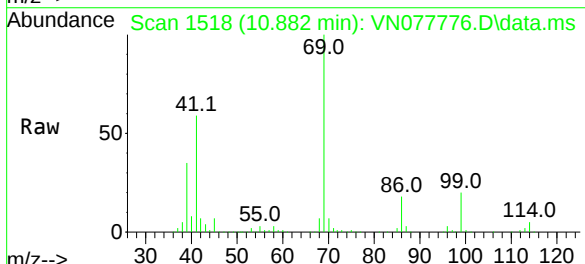
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

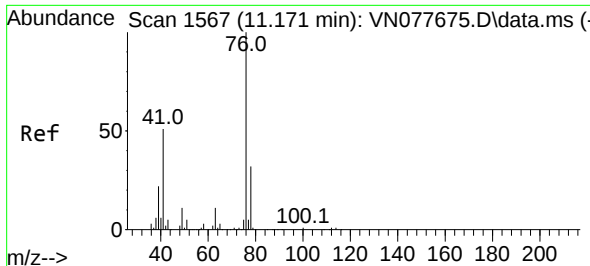
Tgt Ion:	97	Resp:	238115
Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.1	97.7
85	54.4	43.4	65.2
99	65.4	49.2	73.8



#56
Ethyl methacrylate
Concen: 45.248 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion:	69	Resp:	341080
Ion	Ratio	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	37.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 46.295 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

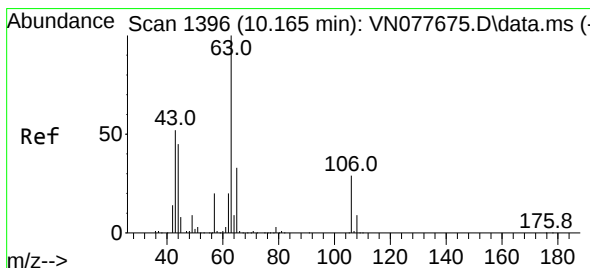
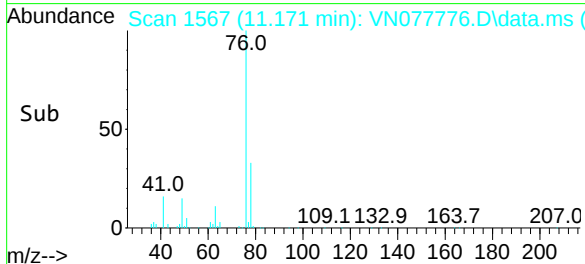
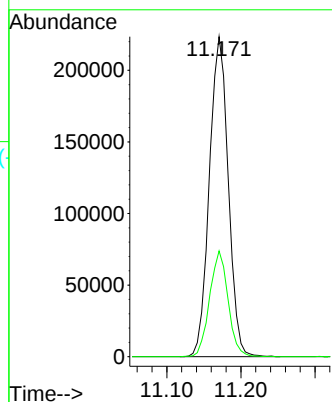
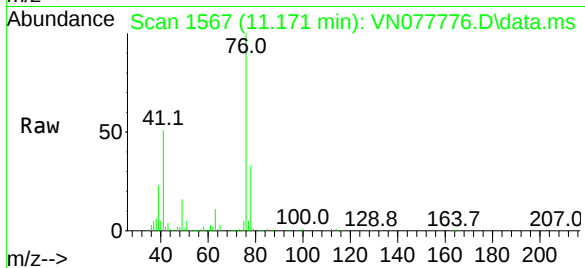
VSTDCCC050EC

Tgt Ion: 76 Resp: 395670

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 227.910 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN077776.D

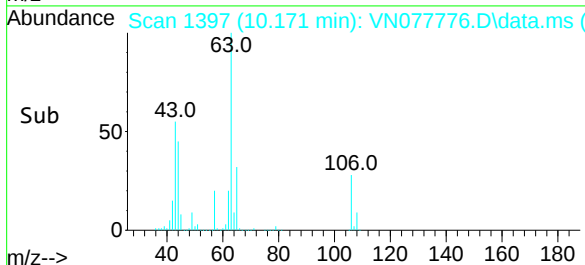
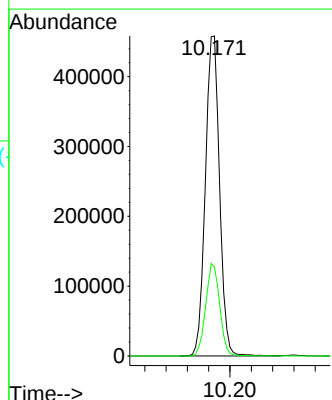
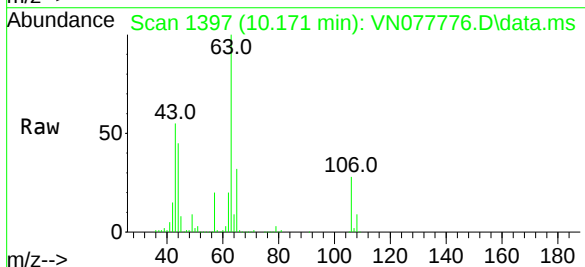
Acq: 19 May 2023 19:57

Tgt Ion: 63 Resp: 845182

Ion Ratio Lower Upper

63 100

106 28.5 26.2 39.4

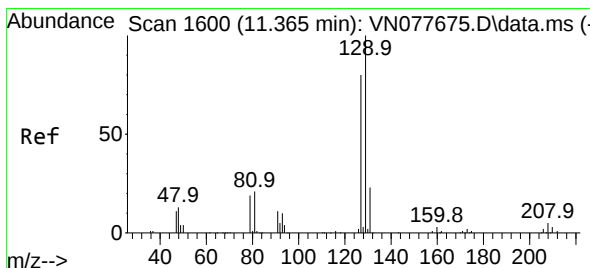
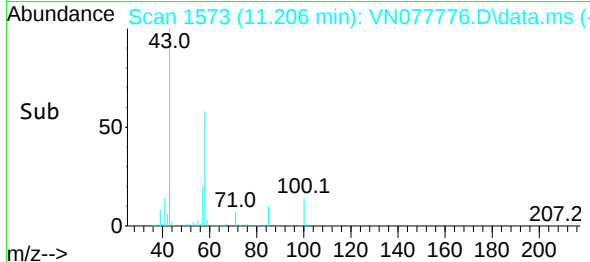
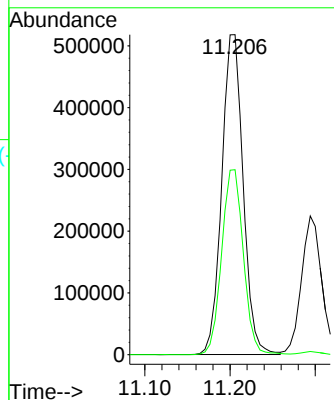
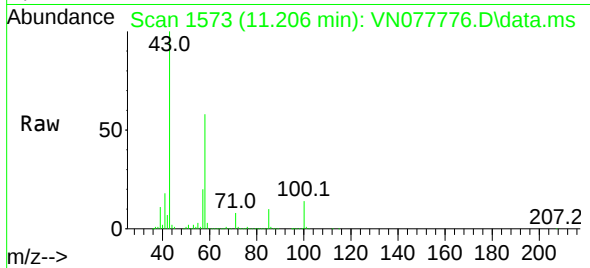




#59
2-Hexanone
Concen: 206.771 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

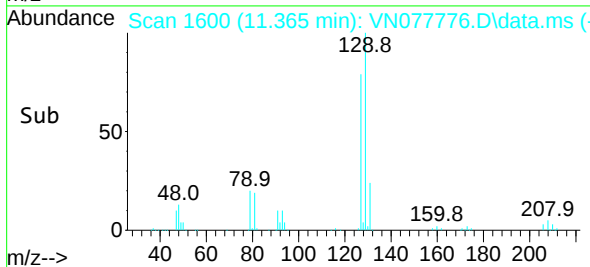
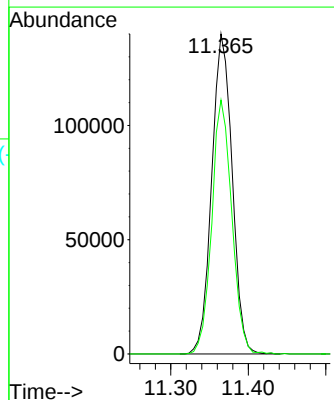
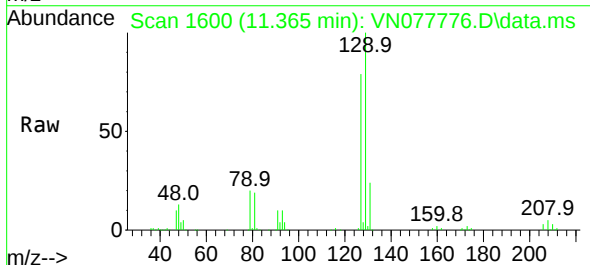
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

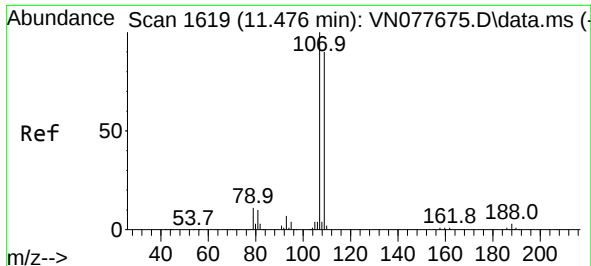
Tgt Ion: 43 Resp: 904564
Ion Ratio Lower Upper
43 100
58 58.7 31.7 95.1



#60
Dibromochloromethane
Concen: 49.812 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 129 Resp: 256370
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

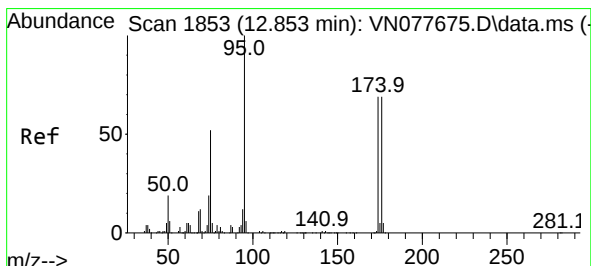
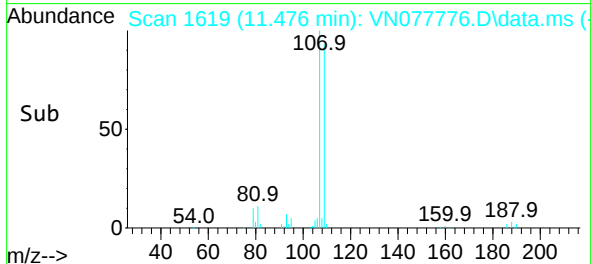
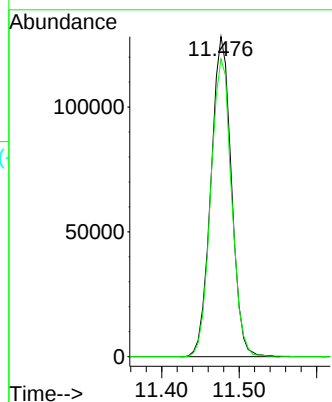
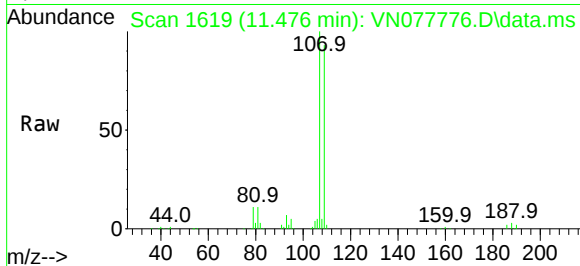




#61
1,2-Dibromoethane
Concen: 47.344 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

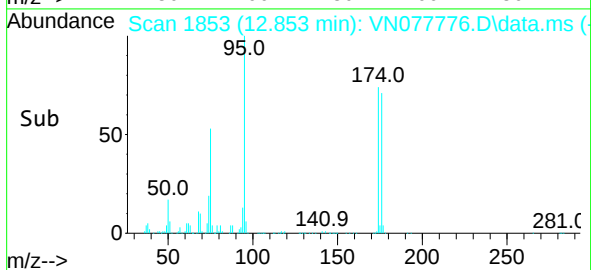
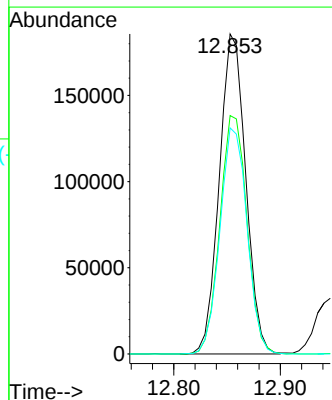
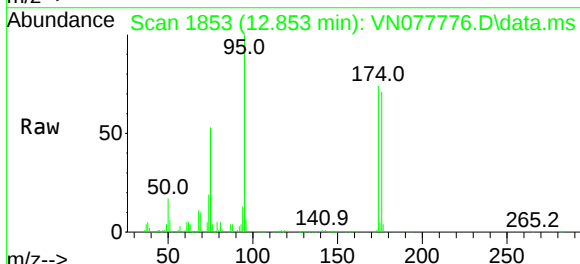
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

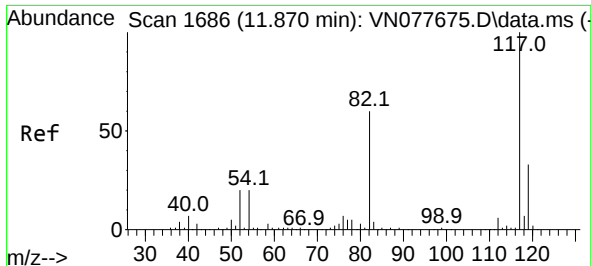
Tgt Ion:107 Resp: 235470
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.328 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 95 Resp: 319693
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 72.4 0.0 135.8

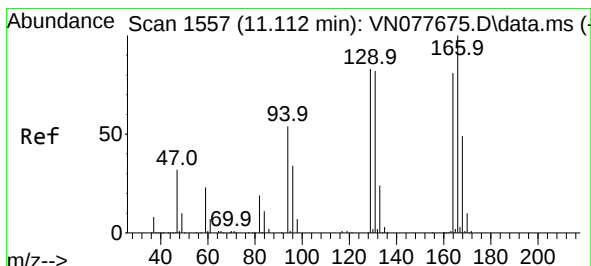
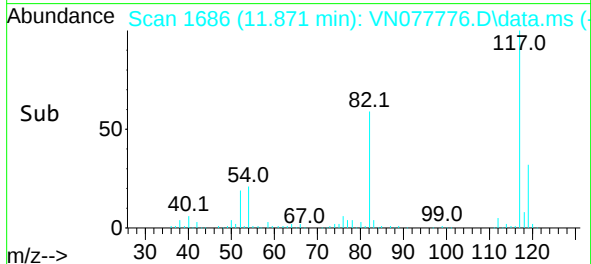
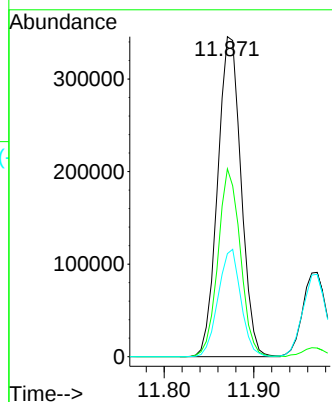
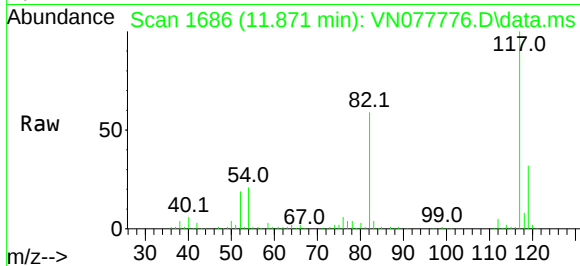




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

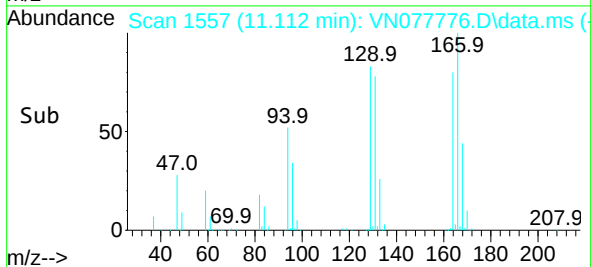
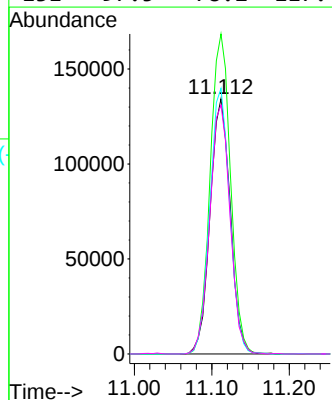
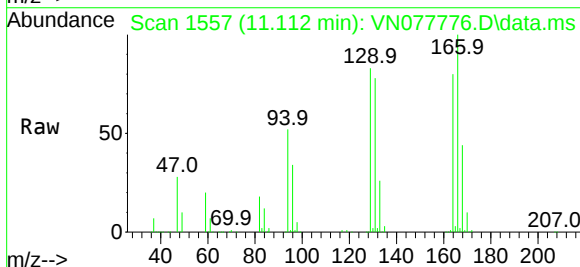
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

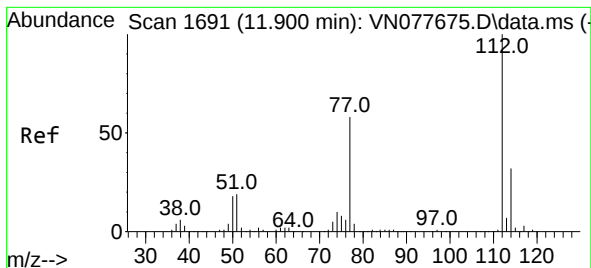
Tgt Ion:117 Resp: 627471
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 55.331 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion:164 Resp: 242795
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.0
129 104.1 82.4 123.6
131 97.5 78.2 117.4





#65

Chlorobenzene

Concen: 46.927 ug/l

RT: 11.900 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

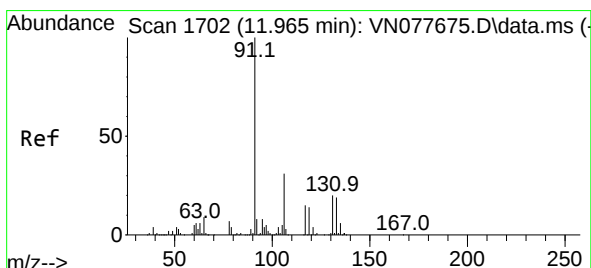
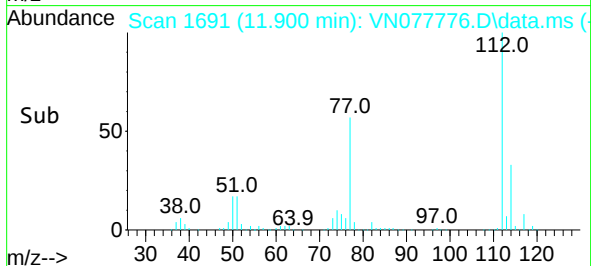
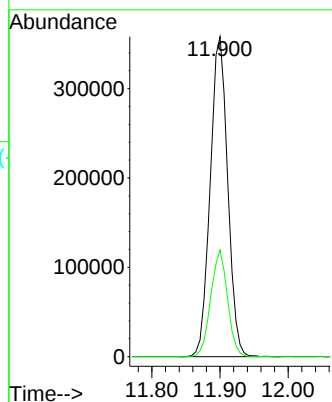
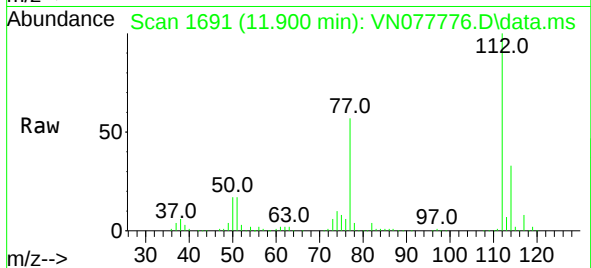
VSTDCCC050EC

Tgt Ion:112 Resp: 638335

Ion Ratio Lower Upper

112 100

114 33.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.145 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

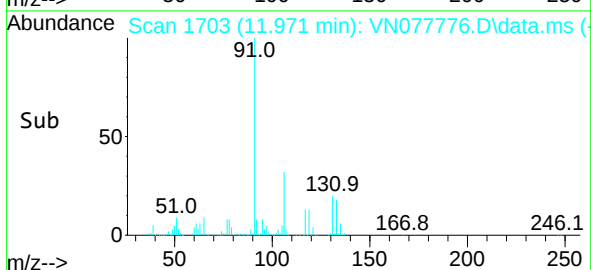
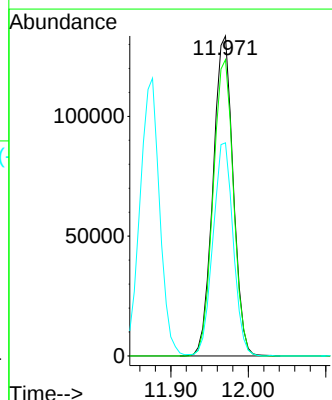
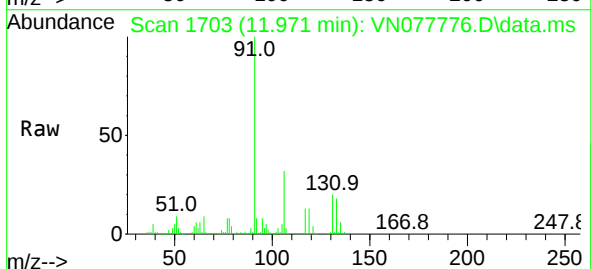
Tgt Ion:131 Resp: 240728

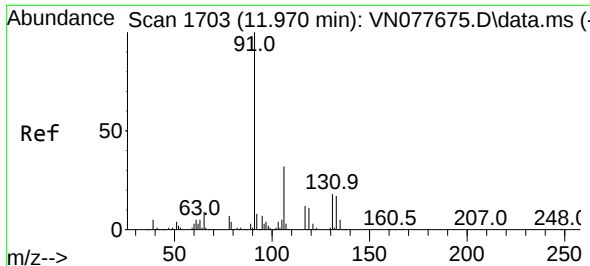
Ion Ratio Lower Upper

131 100

133 93.3 46.4 139.1

119 67.0 34.1 102.2

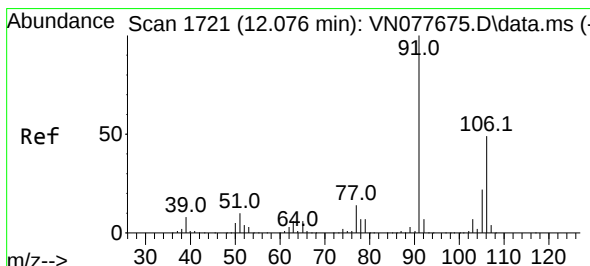
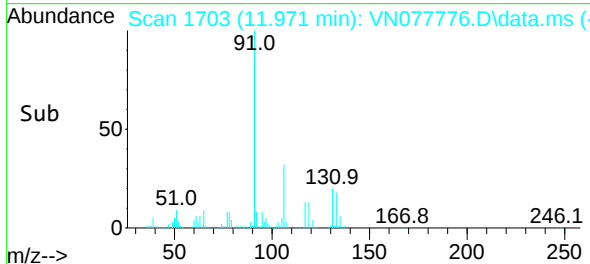
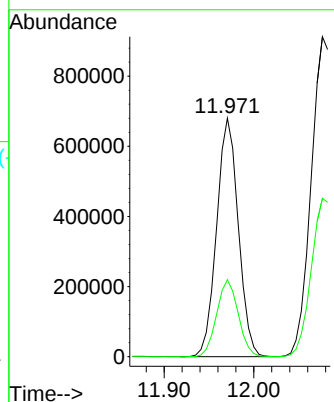
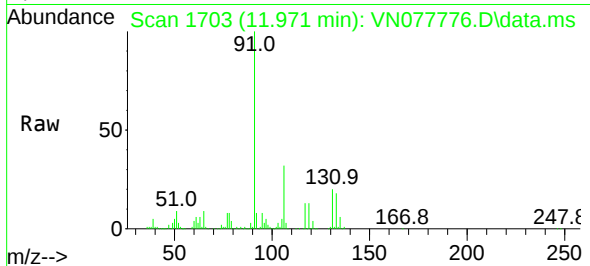




#67
Ethyl Benzene
Concen: 46.794 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

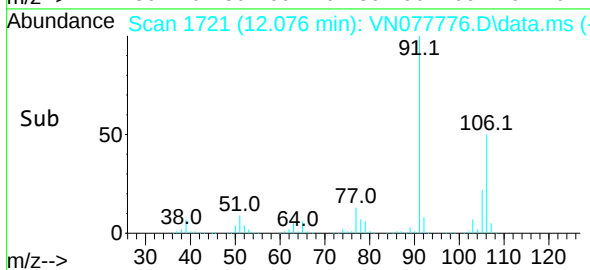
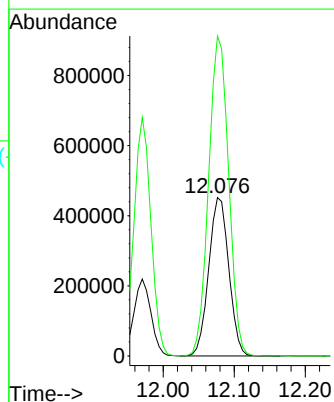
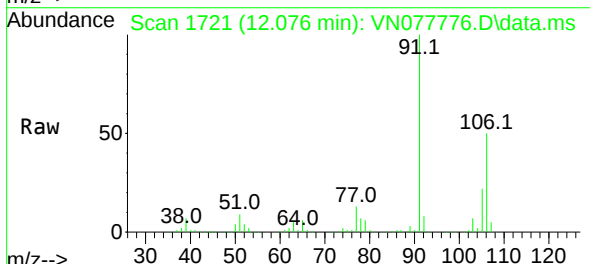
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

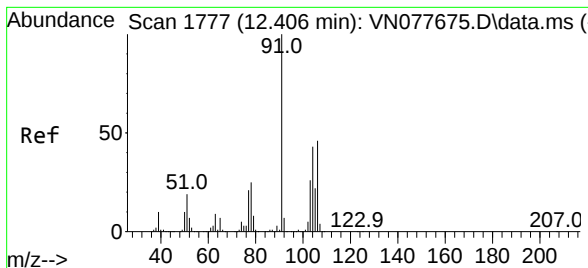
Tgt Ion: 91 Resp: 1140686
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 96.109 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 106 Resp: 887722
Ion Ratio Lower Upper
106 100
91 200.9 159.6 239.4

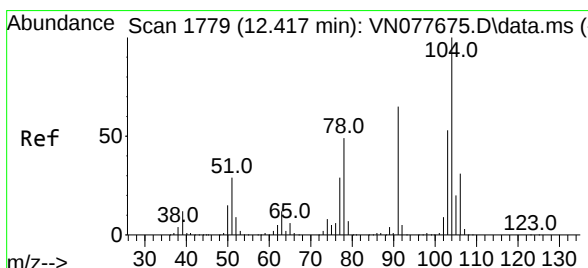
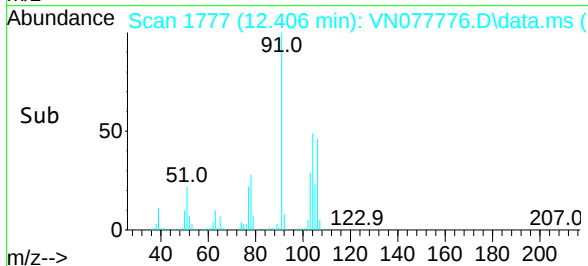
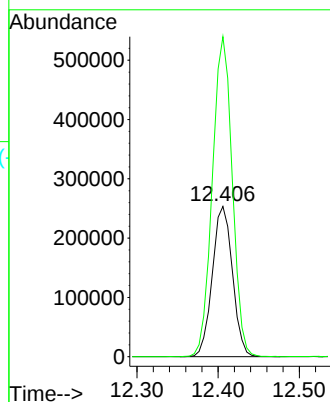
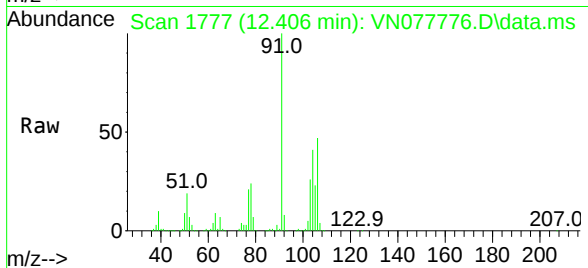




#69
o-Xylene
Concen: 48.022 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

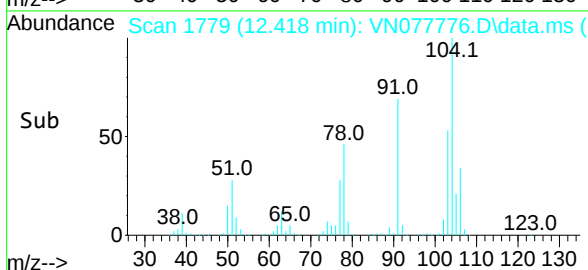
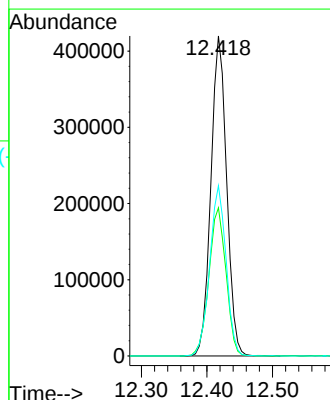
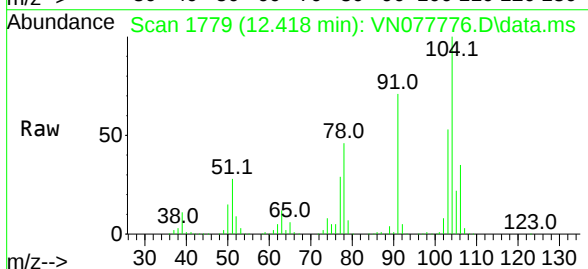
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

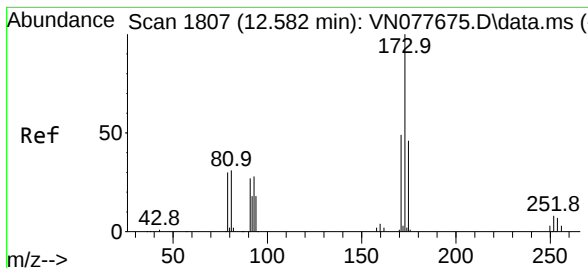
Tgt Ion:106 Resp: 436220
Ion Ratio Lower Upper
106 100
91 211.0 105.2 315.5



#70
Styrene
Concen: 48.603 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion:104 Resp: 701350
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 51.487 ug/l

RT: 12.588 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

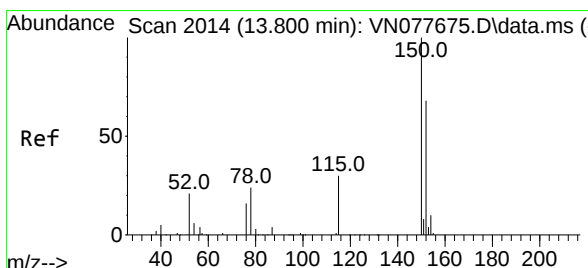
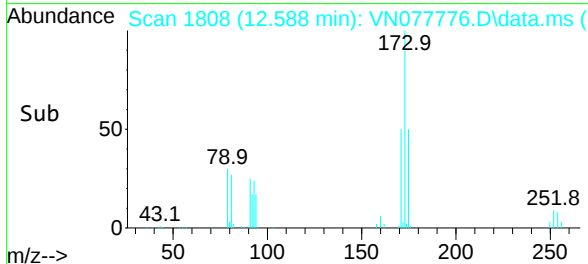
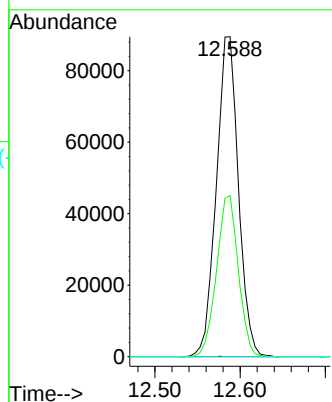
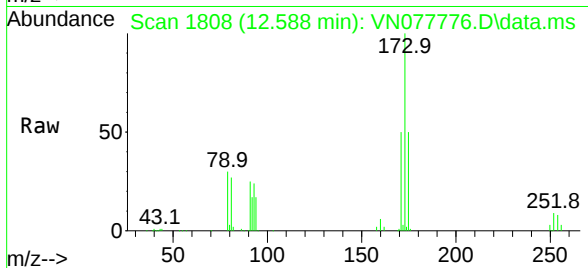
Tgt Ion:173 Resp: 161210

Ion Ratio Lower Upper

173 100

175 49.5 24.3 73.0

254 0.1 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: VN077776.D

Acq: 19 May 2023 19:57

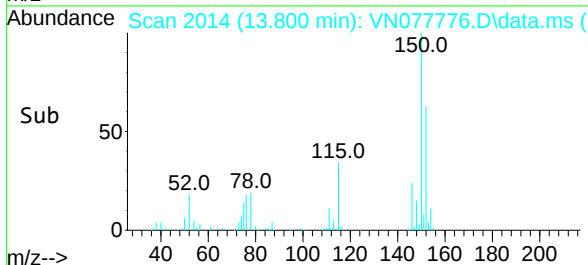
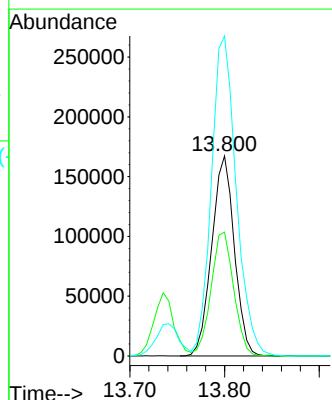
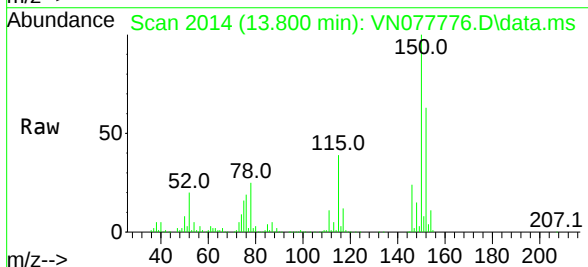
Tgt Ion:152 Resp: 278224

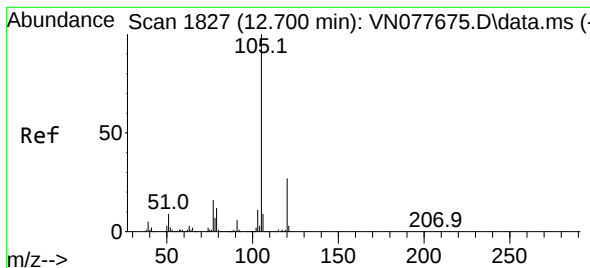
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 175.4 0.0 355.8





#73

Isopropylbenzene

Concen: 48.176 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

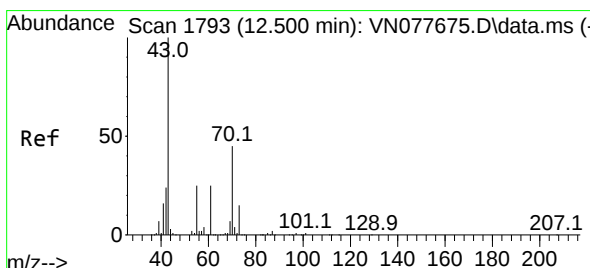
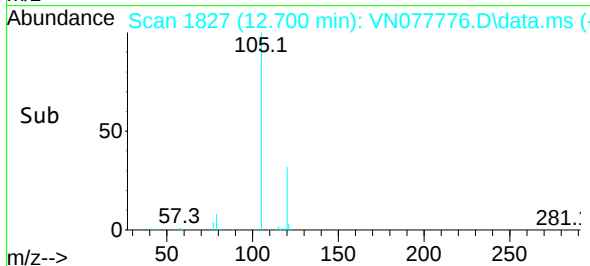
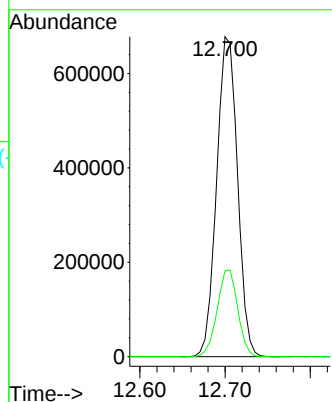
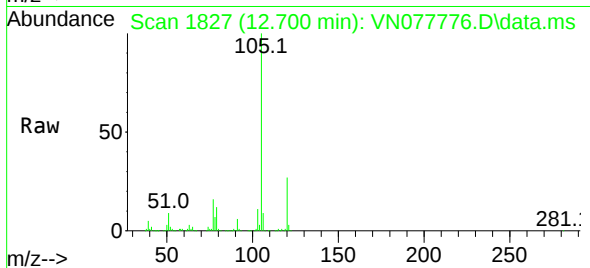
VSTDCCC050EC

Tgt Ion:105 Resp: 1155401

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1



#74

N-ethyl acetate

Concen: 38.568 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Tgt Ion: 43 Resp: 341896

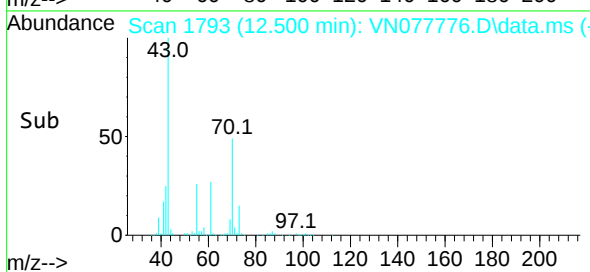
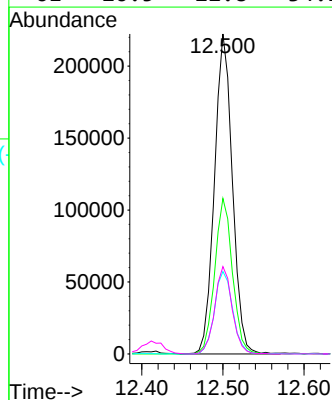
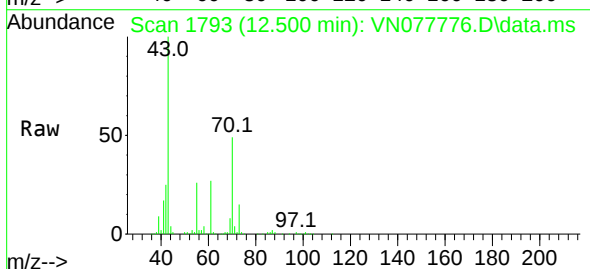
Ion Ratio Lower Upper

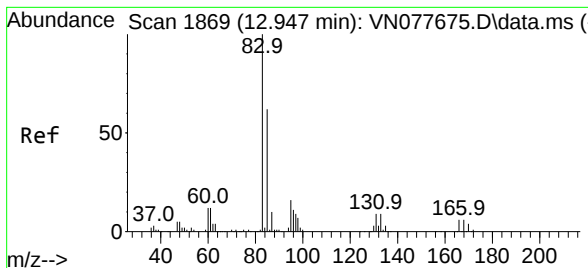
43 100

70 48.0 43.4 65.2

55 26.2 21.4 32.0

61 26.5 22.8 34.2

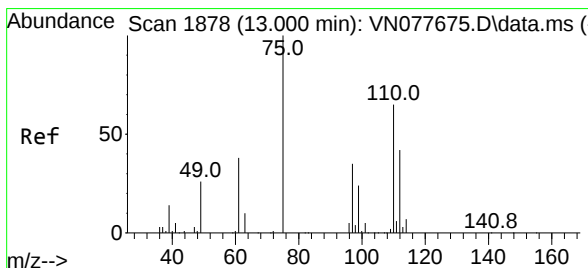
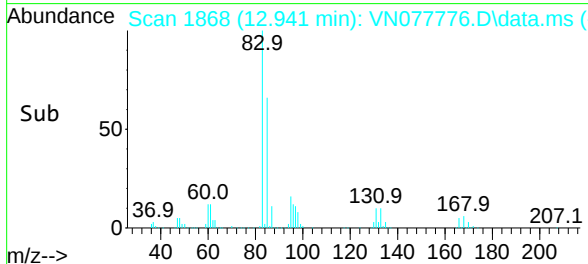
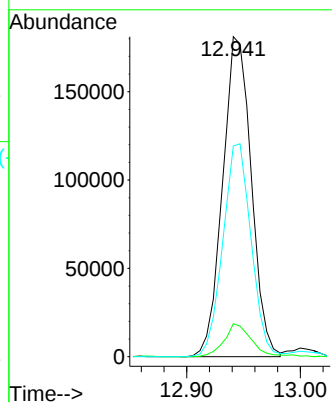
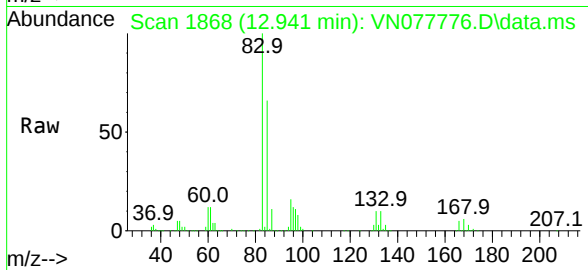




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.020 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.006 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

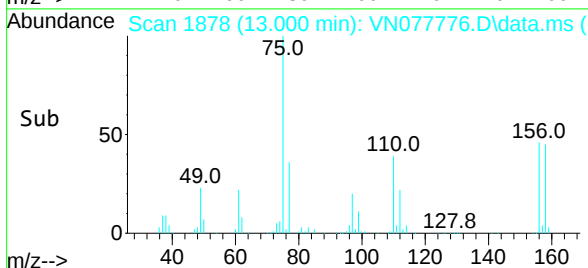
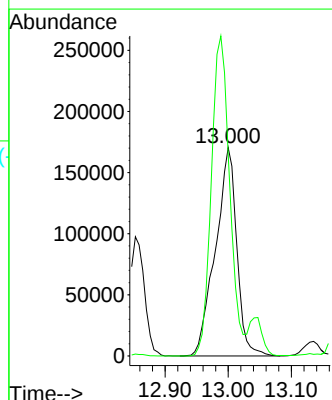
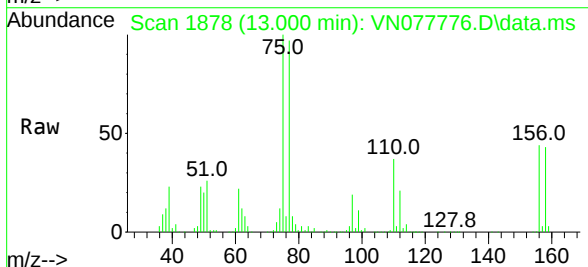
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

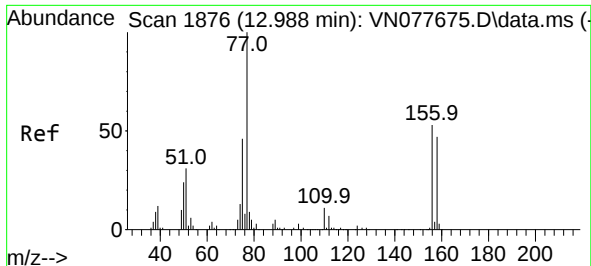
Tgt Ion: 83 Resp: 317403
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 65.6 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 57.454 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

Tgt Ion: 75 Resp: 400323
 Ion Ratio Lower Upper
 75 100
 77 130.8 84.5 253.5

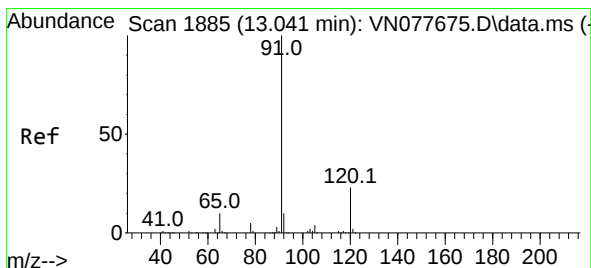
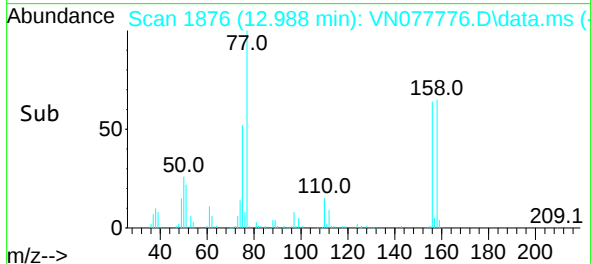
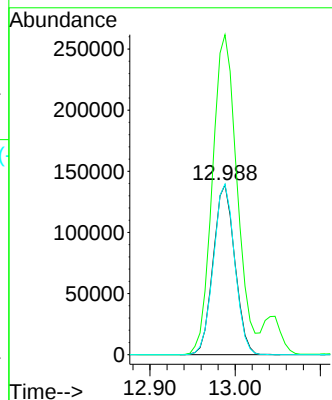
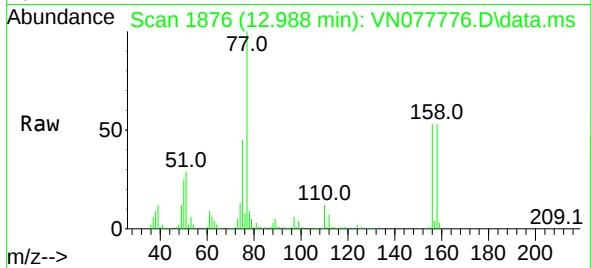




#77
Bromobenzene
Concen: 44.785 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

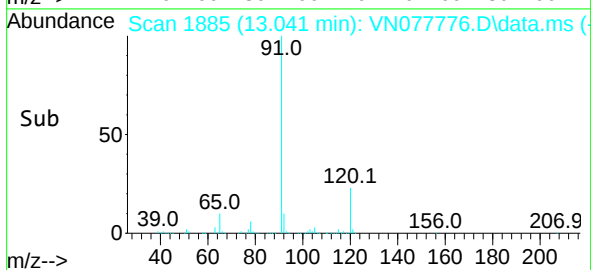
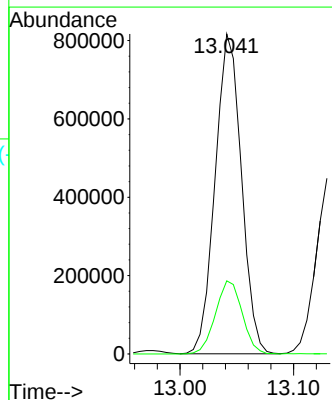
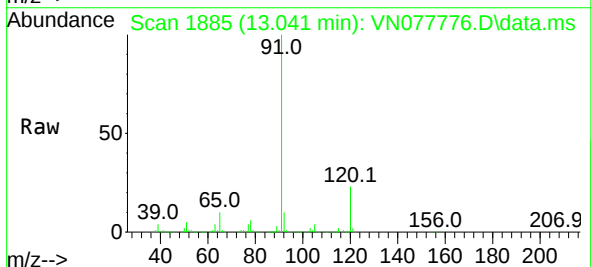
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

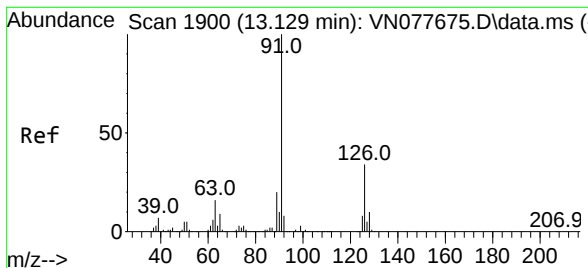
Tgt Ion:156 Resp: 245112
Ion Ratio Lower Upper
156 100
77 213.7 107.7 323.3
158 99.1 48.4 145.3



#78
n-propylbenzene
Concen: 46.332 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 91 Resp: 1310010
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

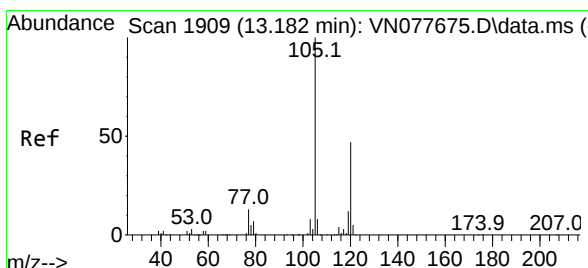
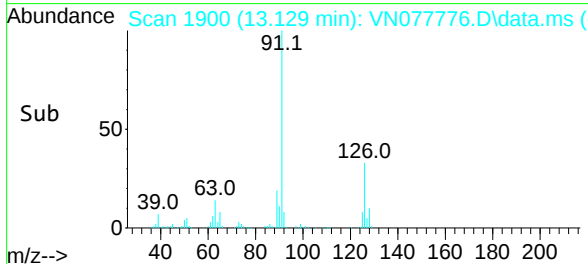
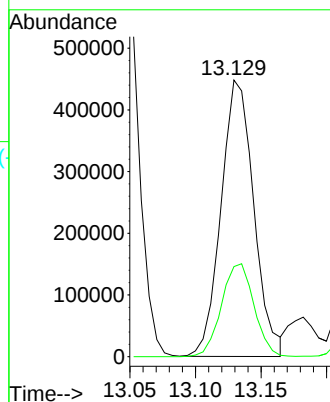
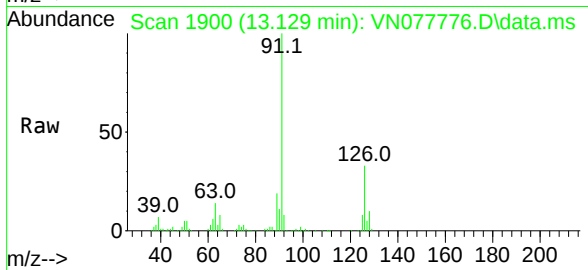




#79
2-Chlorotoluene
Concen: 46.179 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

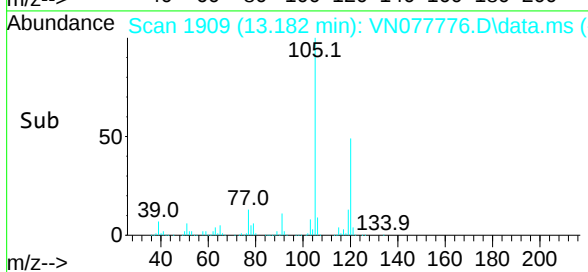
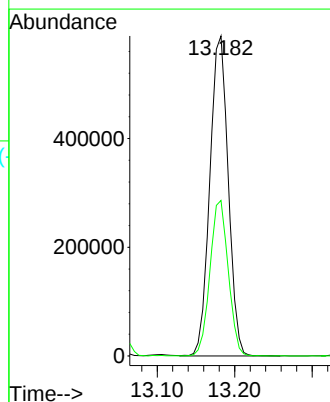
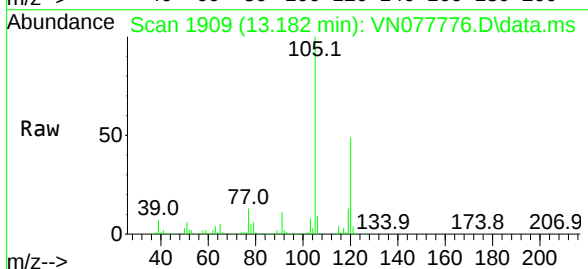
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

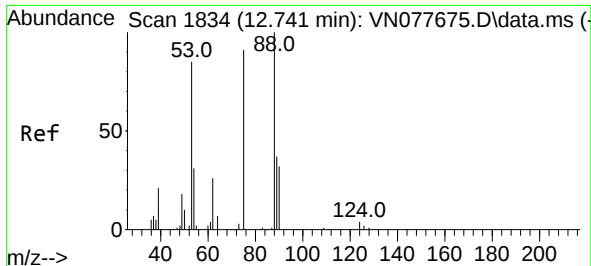
Tgt Ion: 91 Resp: 779128
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.082 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 105 Resp: 969180
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

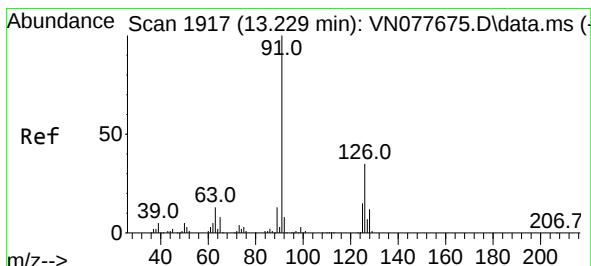
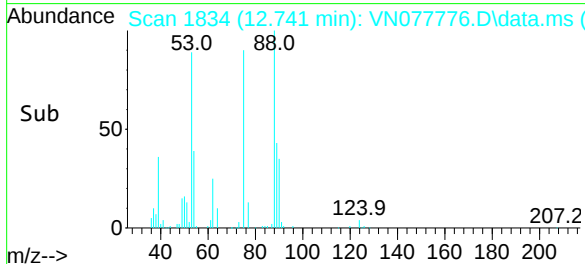
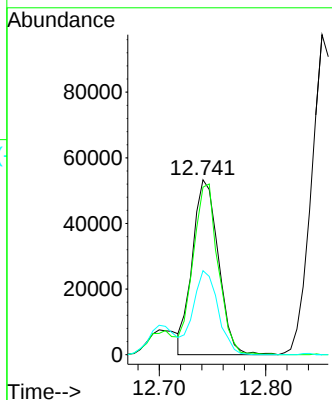
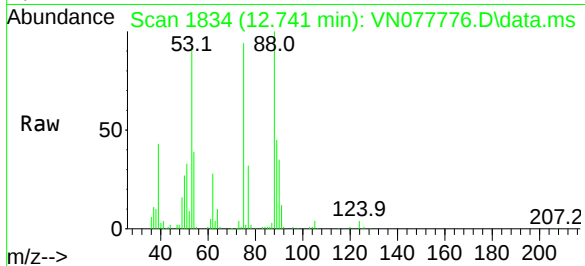




#81
trans-1,4-Dichloro-2-butene
Concen: 41.602 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

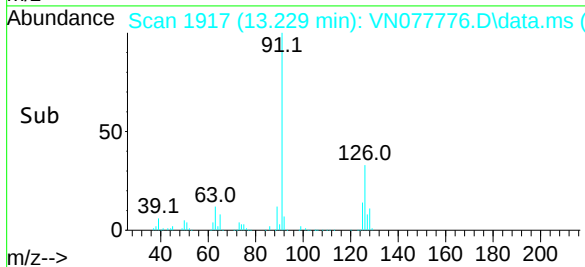
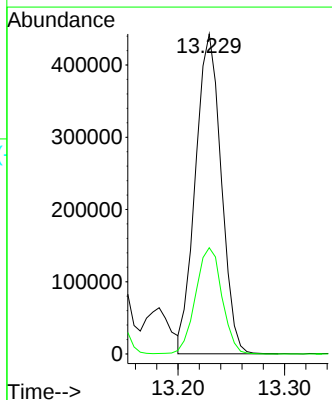
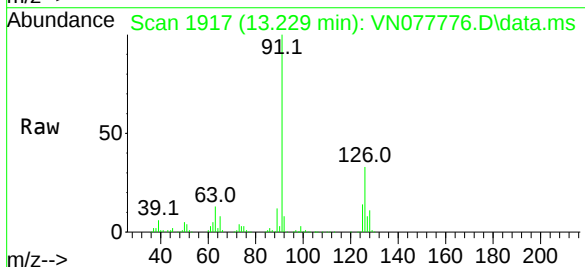
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

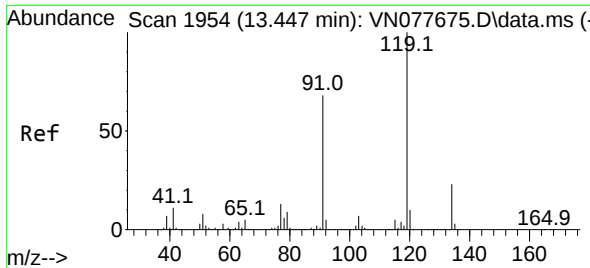
Tgt Ion: 75 Resp: 90684
Ion Ratio Lower Upper
75 100
53 94.1 67.4 101.2
89 46.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 44.208 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion: 91 Resp: 742110
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0

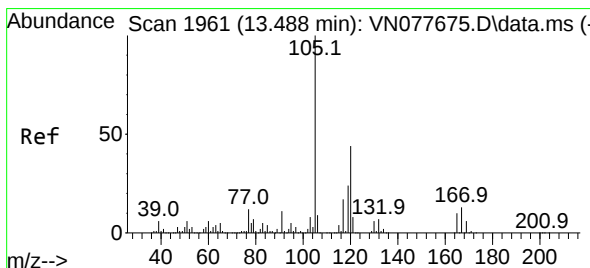
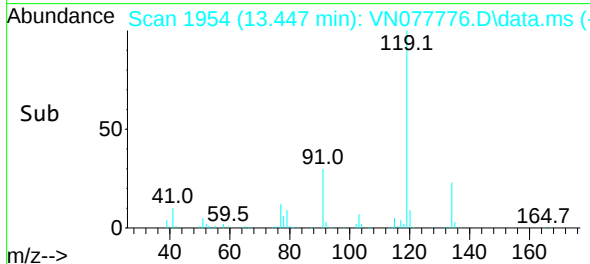
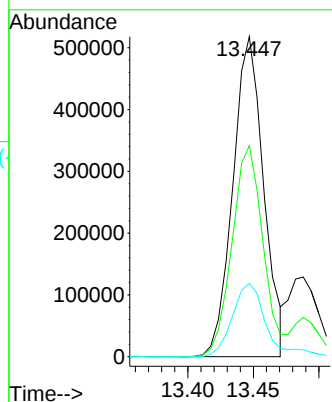
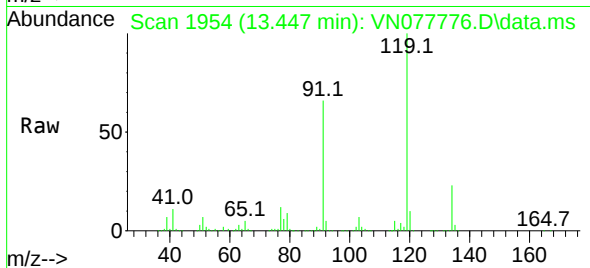




#83
tert-Butylbenzene
Concen: 48.082 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

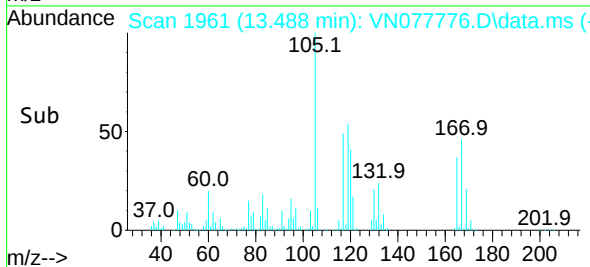
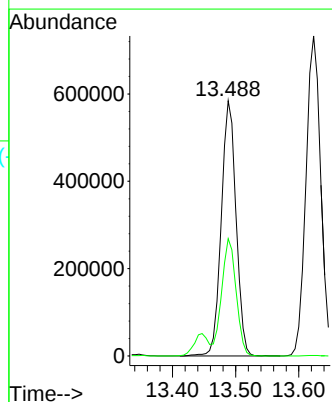
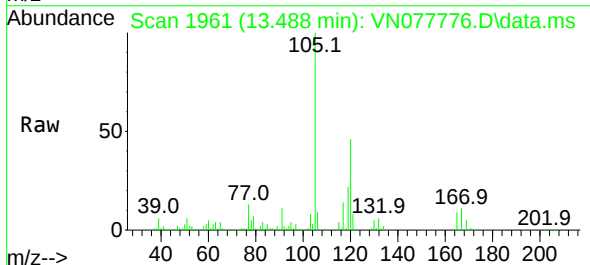
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

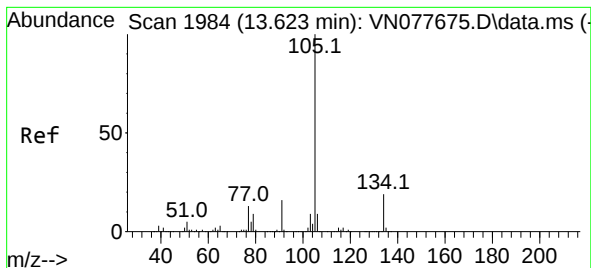
Tgt Ion:119 Resp: 846094
Ion Ratio Lower Upper
119 100
91 67.2 33.9 101.7
134 25.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 47.800 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion:105 Resp: 947572
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.619 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

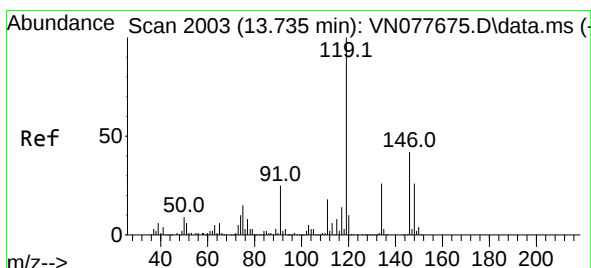
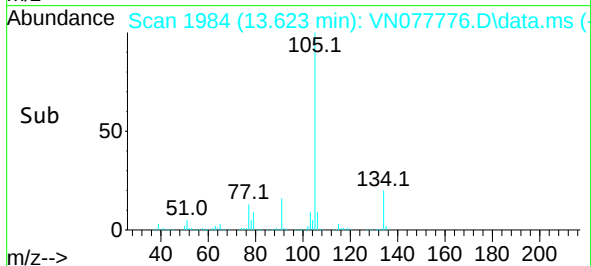
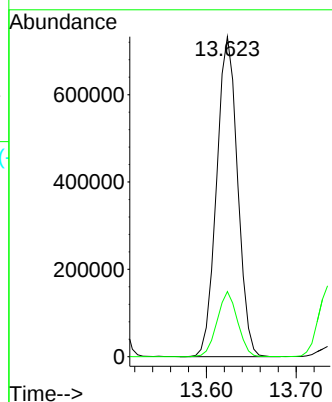
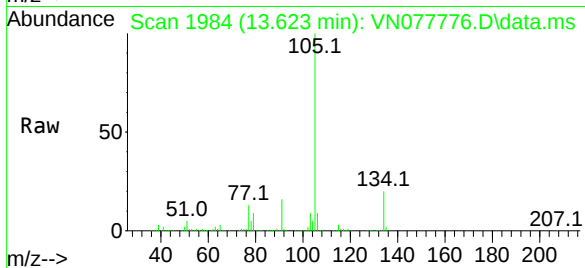
VSTDCCC050EC

Tgt Ion:105 Resp: 1190868

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.410 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

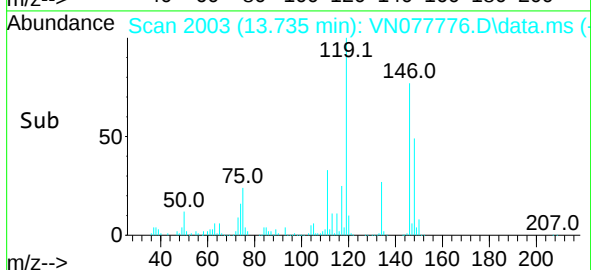
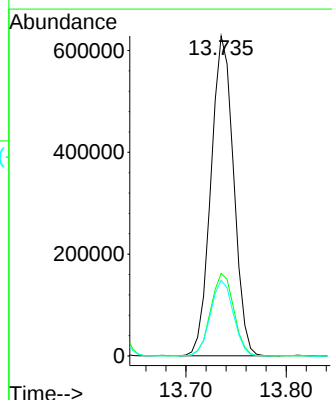
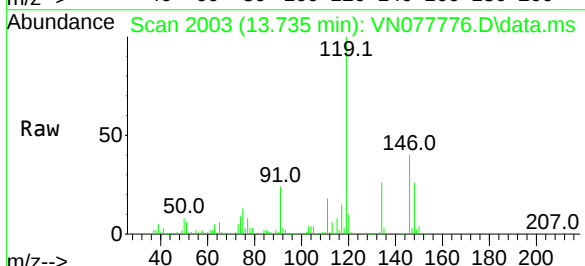
Tgt Ion:119 Resp: 985104

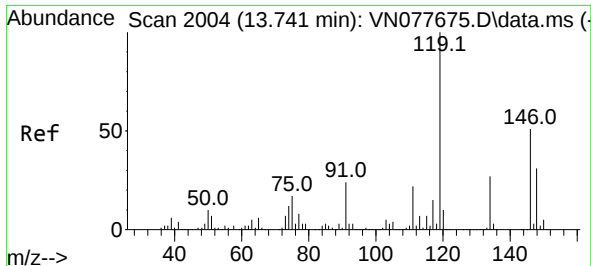
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 23.9 12.4 37.2

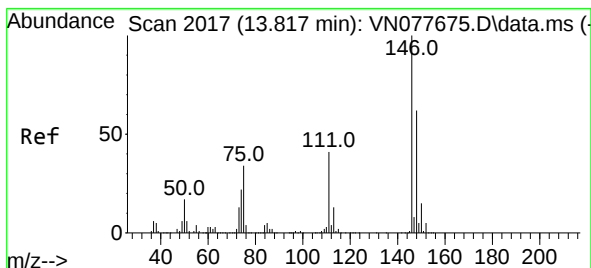
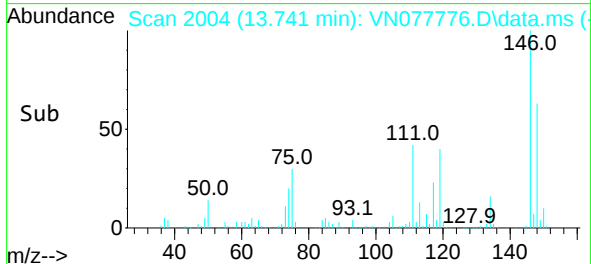
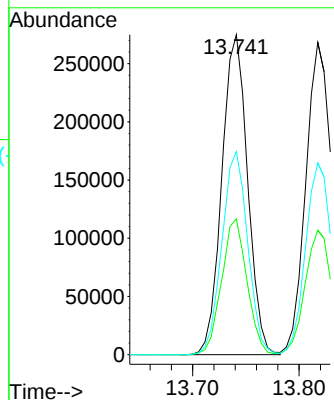
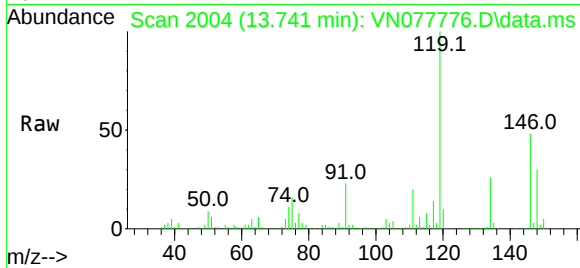




#87
 1,3-Dichlorobenzene
 Concen: 45.639 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

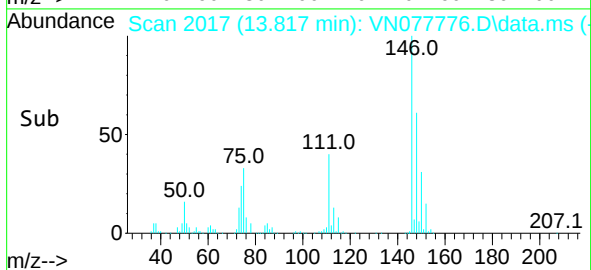
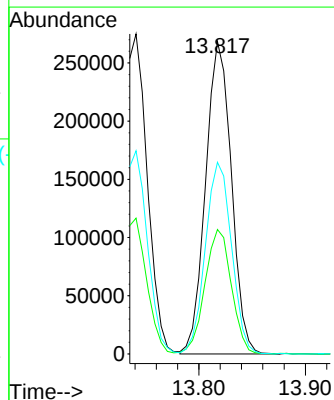
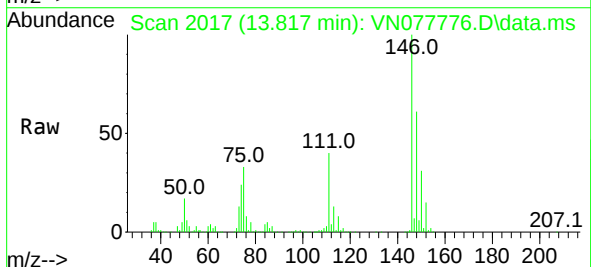
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

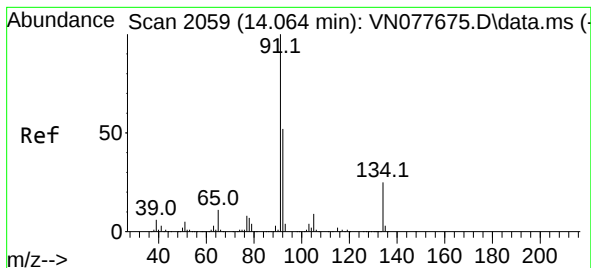
Tgt Ion:146 Resp: 461938
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.3
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 44.902 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN077776.D
 Acq: 19 May 2023 19:57

Tgt Ion:146 Resp: 450997
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 62.5 31.6 94.8





#89

n-Butylbenzene

Concen: 44.399 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

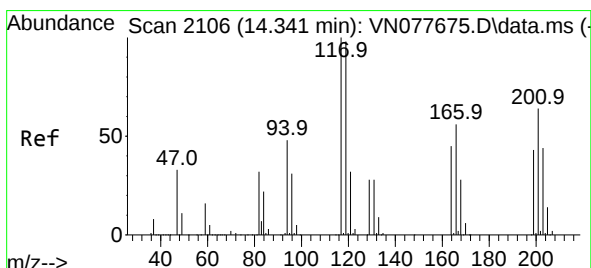
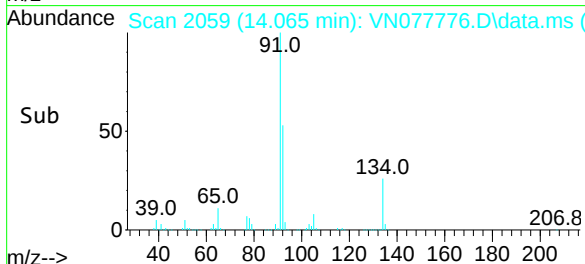
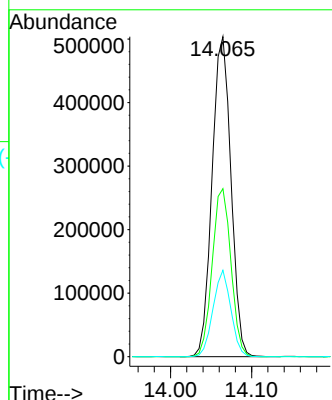
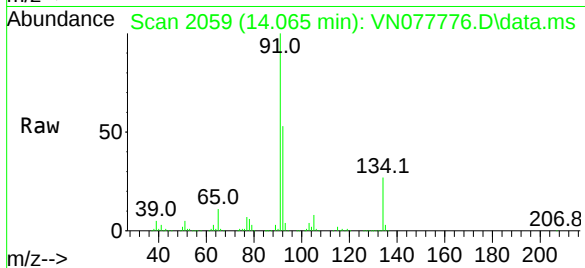
Tgt Ion: 91 Resp: 814177

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 50.224 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077776.D

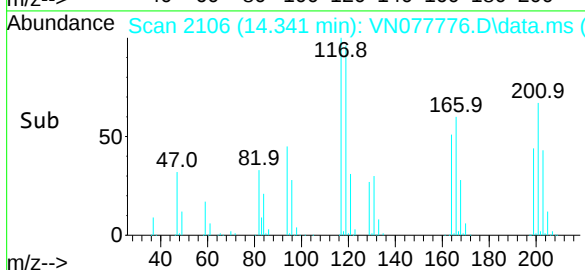
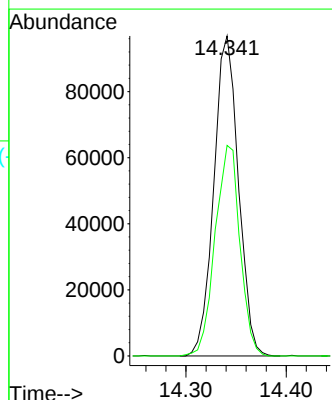
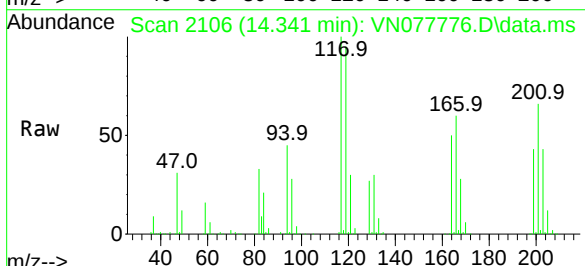
Acq: 19 May 2023 19:57

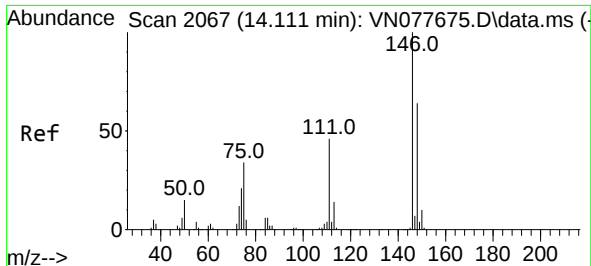
Tgt Ion: 117 Resp: 164496

Ion Ratio Lower Upper

117 100

201 66.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 48.308 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

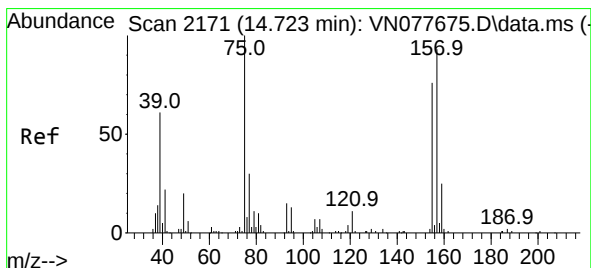
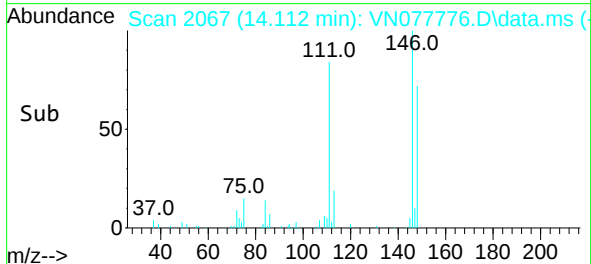
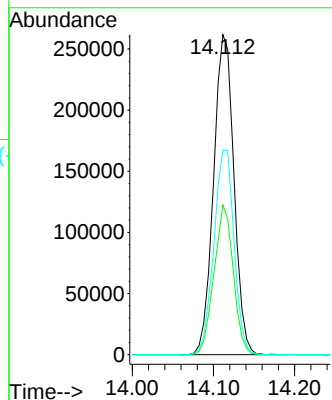
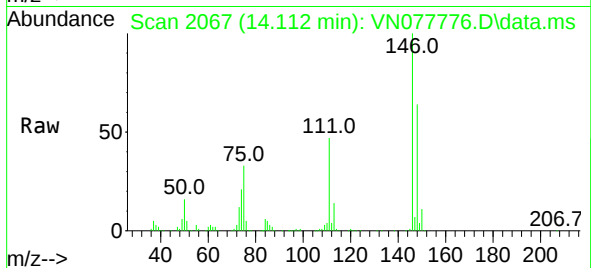
Tgt Ion:146 Resp: 456781

Ion Ratio Lower Upper

146 100

111 44.2 22.0 66.0

148 63.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.069 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

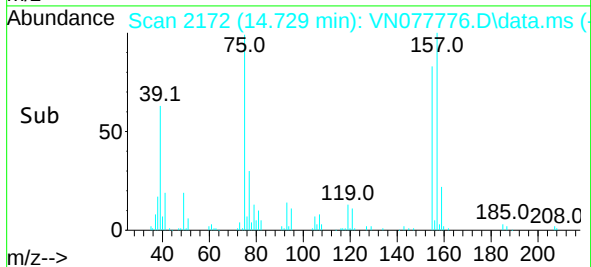
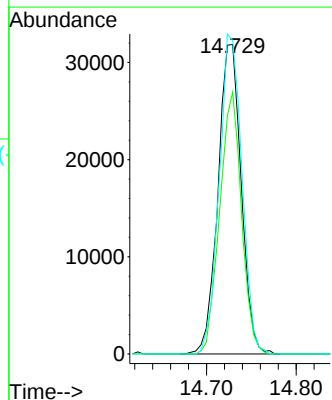
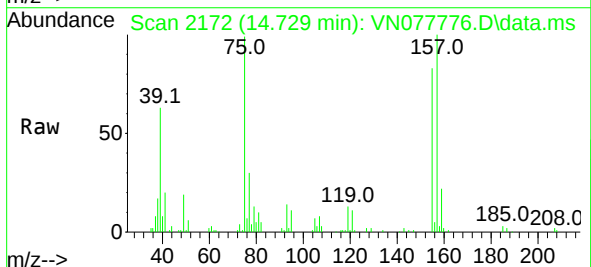
Tgt Ion: 75 Resp: 57235

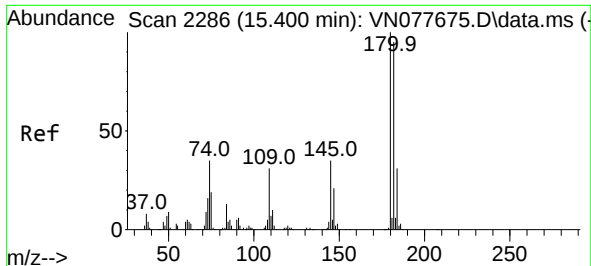
Ion Ratio Lower Upper

75 100

155 79.3 39.1 117.2

157 101.1 50.3 150.9

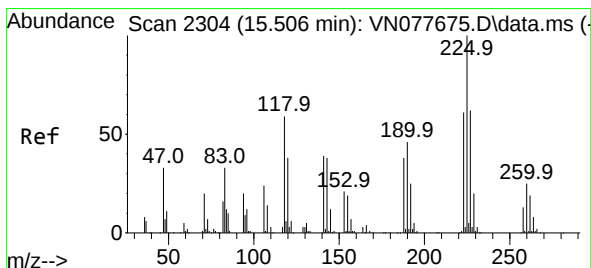
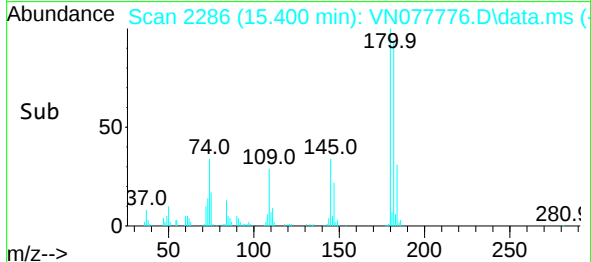
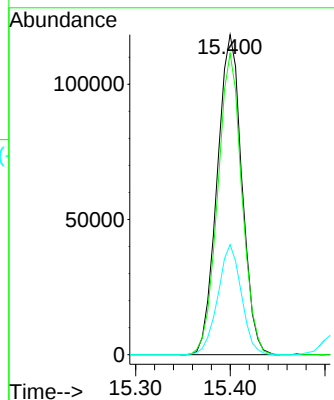
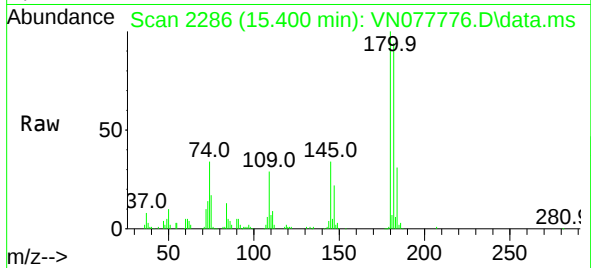




#93
1,2,4-Trichlorobenzene
Concen: 38.823 ug/l
RT: 15.400 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

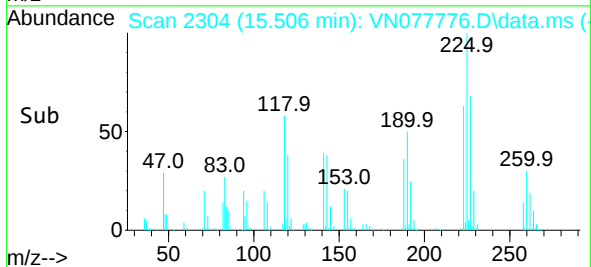
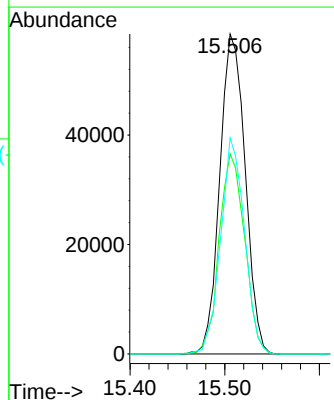
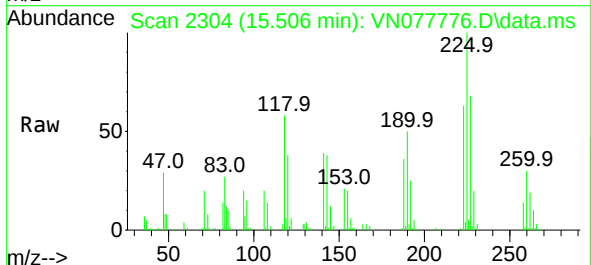
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

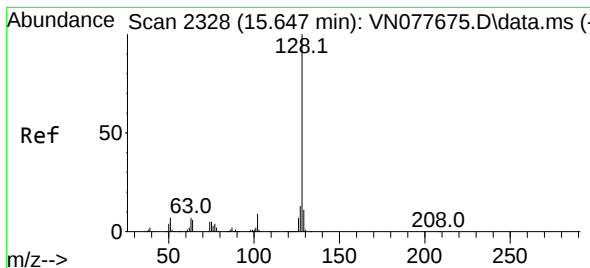
Tgt Ion:180 Resp: 214523
Ion Ratio Lower Upper
180 100
182 92.0 46.1 138.2
145 32.8 16.6 49.8



#94
Hexachlorobutadiene
Concen: 47.461 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077776.D
Acq: 19 May 2023 19:57

Tgt Ion:225 Resp: 108887
Ion Ratio Lower Upper
225 100
223 62.8 31.3 93.8
227 63.8 31.9 95.9





#95

Naphthalene

Concen: 33.409 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

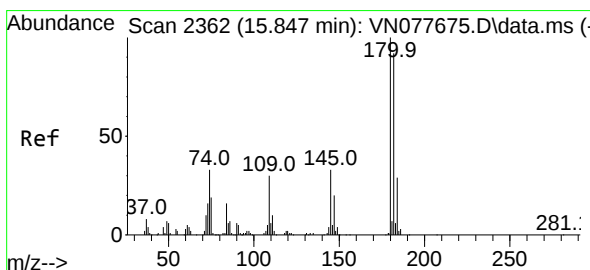
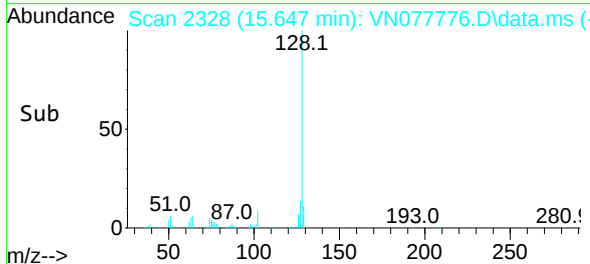
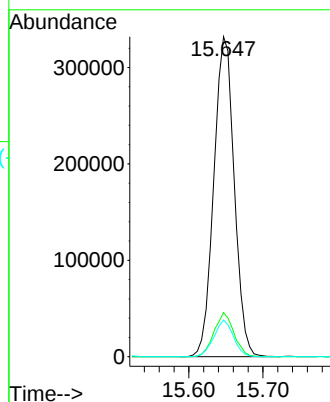
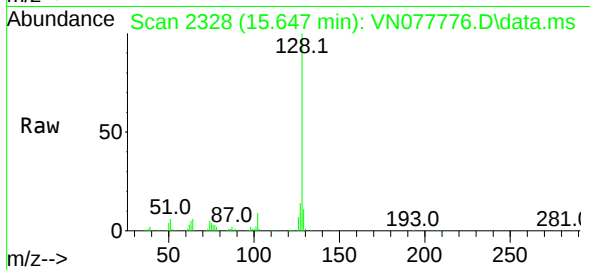
Tgt Ion:128 Resp: 635429

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 39.330 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077776.D

Acq: 19 May 2023 19:57

Tgt Ion:180 Resp: 212784

Ion Ratio Lower Upper

180 100

182 95.9 46.2 138.6

145 35.2 17.5 52.6

