

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077750.D
 Acq On : 18 May 2023 20:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 08:56:16 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	8.229	168	400604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	712457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	628876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	276628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	247419	41.277	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.560%
35) Dibromofluoromethane	8.177	113	215279	46.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	10.570	98	809599	45.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.853	95	273966	43.379	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	208109	45.647	ug/l	99
3) Chloromethane	2.371	50	200044	41.064	ug/l	99
4) Vinyl Chloride	2.524	62	242980	42.271	ug/l	98
5) Bromomethane	2.965	94	174480	41.042	ug/l	96
6) Chloroethane	3.130	64	163299	39.420	ug/l	99
7) Trichlorofluoromethane	3.512	101	377660	47.145	ug/l	96
8) Diethyl Ether	3.971	74	131559	44.986	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	208010	46.921	ug/l	97
10) Methyl Iodide	4.606	142	275315	52.074	ug/l	100
11) Tert butyl alcohol	5.530	59	156035	188.622	ug/l	99
12) 1,1-Dichloroethene	4.353	96	194870	46.249	ug/l	90
13) Acrolein	4.189	56	123119	237.836	ug/l	94
14) Allyl chloride	5.036	41	259649	41.948	ug/l	93
15) Acrylonitrile	5.724	53	466901	211.261	ug/l	99
16) Acetone	4.436	43	354518	187.992	ug/l	96
17) Carbon Disulfide	4.724	76	454021	39.992	ug/l	100
18) Methyl Acetate	5.036	43	324369	41.001	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	694448	45.534	ug/l	99
20) Methylene Chloride	5.288	84	230916	46.924	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	216645	45.774	ug/l #	83
22) Diisopropyl ether	6.683	45	664759	45.819	ug/l	94
23) Vinyl Acetate	6.612	43	1917533	213.317	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	420525	47.311	ug/l	96
25) 2-Butanone	7.488	43	578734	196.182	ug/l	89
26) 2,2-Dichloropropane	7.500	77	333262	44.132	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	270367	47.642	ug/l	94
28) Bromochloromethane	7.824	49	154976	40.315	ug/l	89
29) Tetrahydrofuran	7.847	42	383171	198.367	ug/l	85
30) Chloroform	7.971	83	456245	46.662	ug/l	93
31) Cyclohexane	8.265	56	348849	42.821	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	409429	49.252	ug/l	97
36) 1,1-Dichloropropene	8.382	75	327273	48.162	ug/l	97
37) Ethyl Acetate	7.565	43	239542	39.550	ug/l #	93
38) Carbon Tetrachloride	8.371	117	361190	52.638	ug/l	98
39) Methylcyclohexane	9.606	83	400575	48.151	ug/l	94
40) Benzene	8.612	78	988520	49.296	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	144233	44.716	ug/l	88
42) 1,2-Dichloroethane	8.677	62	340728	46.776	ug/l	97
43) Isopropyl Acetate	8.694	43	436958	44.168	ug/l	96
44) Trichloroethene	9.359	130	267339	52.652	ug/l	100
45) 1,2-Dichloropropane	9.629	63	259744	50.782	ug/l	96
46) Dibromomethane	9.718	93	173114	47.298	ug/l	96
47) Bromodichloromethane	9.894	83	355041	50.668	ug/l	97
48) Methyl methacrylate	9.688	41	205587	43.831	ug/l	89
49) 1,4-Dioxane	9.700	88	73797	833.017	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	1268393	215.694	ug/l	94
52) Toluene	10.635	92	633525	50.748	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	356027	47.980	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	397003	48.550	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	243733	49.171	ug/l	98
56) Ethyl methacrylate	10.882	69	354517	47.302	ug/l	93
57) 1,3-Dichloropropane	11.170	76	415365	48.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	815509	221.180	ug/l	94
59) 2-Hexanone	11.200	43	875591	201.305	ug/l	93
60) Dibromochloromethane	11.365	129	263311	51.457	ug/l	98
61) 1,2-Dibromoethane	11.476	107	244102	49.363	ug/l	100
64) Tetrachloroethene	11.112	164	248183	56.432	ug/l	98
65) Chlorobenzene	11.900	112	667546	48.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	251871	53.393	ug/l	97
67) Ethyl Benzene	11.970	91	1220036	49.937	ug/l	99
68) m/p-Xylenes	12.076	106	939482	101.485	ug/l	99
69) o-Xylene	12.406	106	462409	50.791	ug/l	98
70) Styrene	12.417	104	743559	51.413	ug/l	98
71) Bromoform	12.582	173	166453	53.043	ug/l #	100
73) Isopropylbenzene	12.700	105	1220013	51.163	ug/l	99
74) N-amyl acetate	12.500	43	346242	39.283	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	318711	43.446	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	396827	57.281	ug/l	77
77) Bromobenzene	12.988	156	265009	48.700	ug/l	96
78) n-propylbenzene	13.041	91	1392575	49.536	ug/l	100
79) 2-Chlorotoluene	13.135	91	817314	48.722	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1017595	50.775	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	92152	42.520	ug/l	92
82) 4-Chlorotoluene	13.229	91	786159	47.102	ug/l	96
83) tert-Butylbenzene	13.447	119	887829	50.745	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1001522	50.812	ug/l	98
85) sec-Butylbenzene	13.623	105	1246687	50.139	ug/l	99
86) p-Isopropyltoluene	13.735	119	1025650	51.741	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	485144	48.208	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	470829	47.147	ug/l	100
89) n-Butylbenzene	14.064	91	862915	47.328	ug/l	99
90) Hexachloroethane	14.341	117	171289	52.600	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	486690	51.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55705	39.223	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	226187	41.170	ug/l	98
94) Hexachlorobutadiene	15.505	225	110590	48.481	ug/l	98
95) Naphthalene	15.647	128	654870	34.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	226162	42.044	ug/l	98

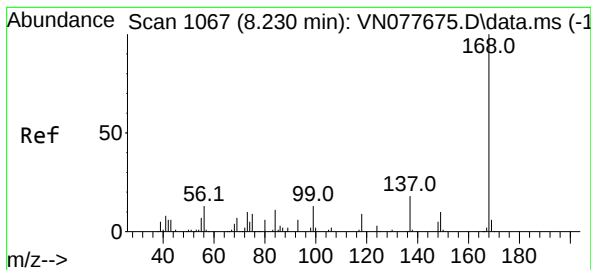
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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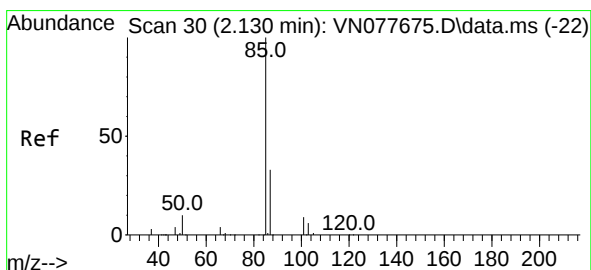
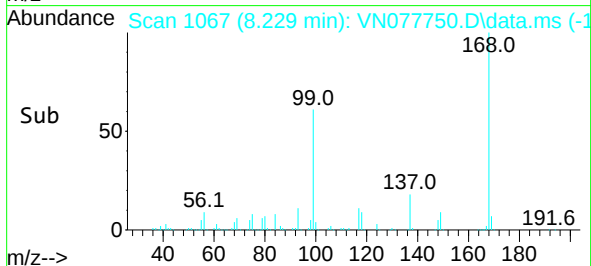
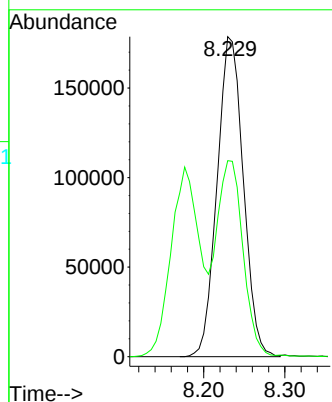
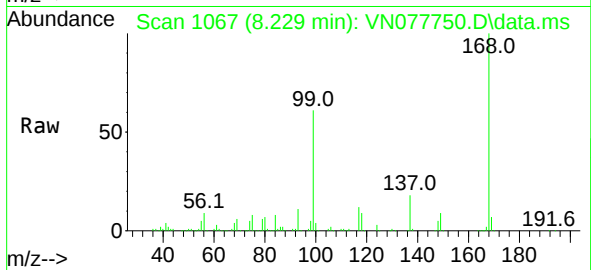
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

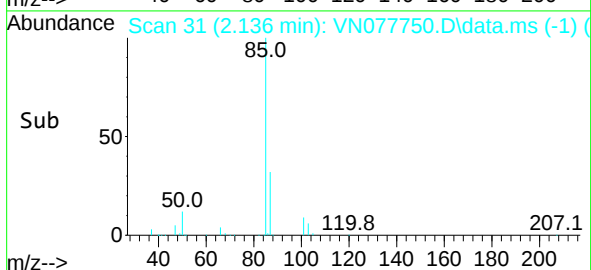
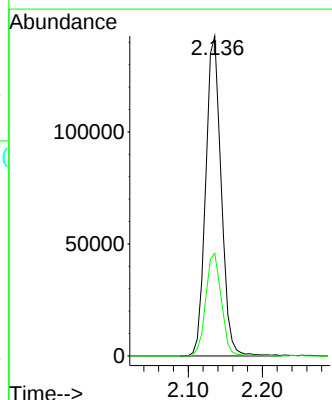
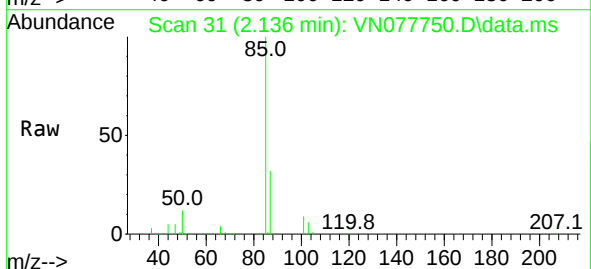
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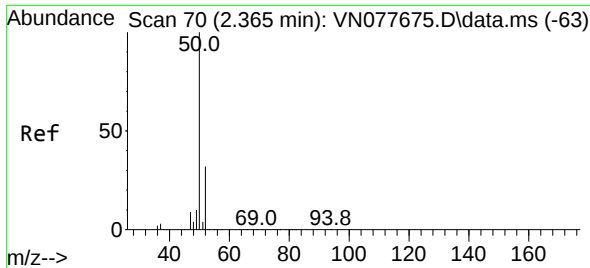
Tgt Ion:168 Resp: 400604
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 45.647 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 85 Resp: 208109
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4

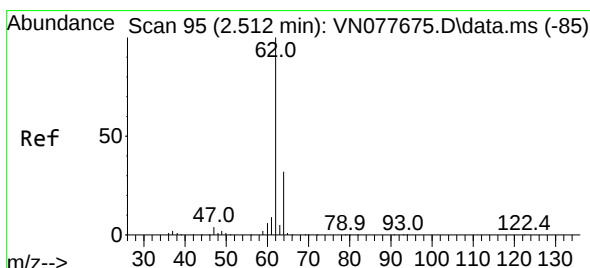
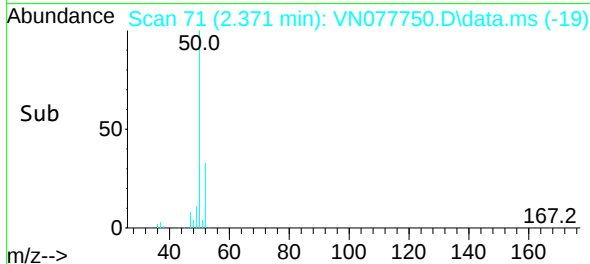
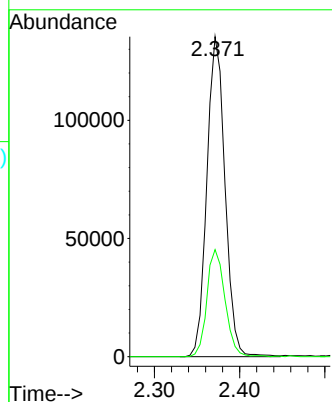
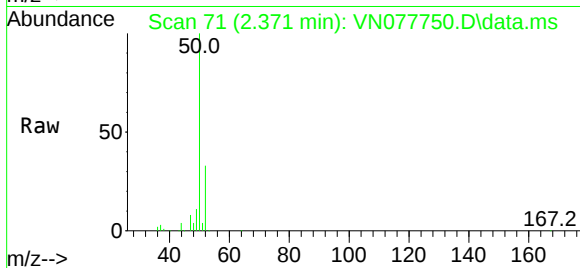




#3
Chloromethane
Concen: 41.064 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

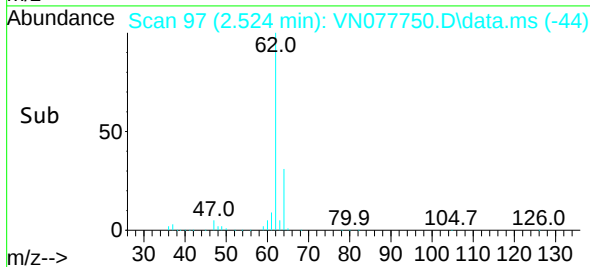
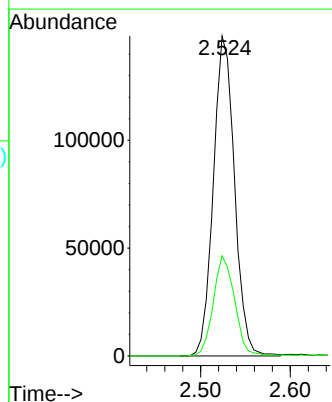
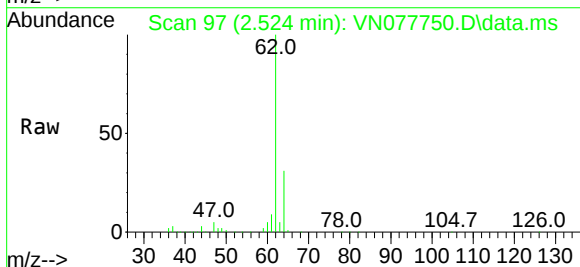
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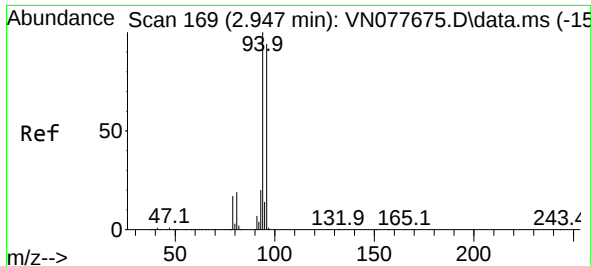
Tgt Ion: 50 Resp: 200044
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 42.271 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 62 Resp: 242980
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

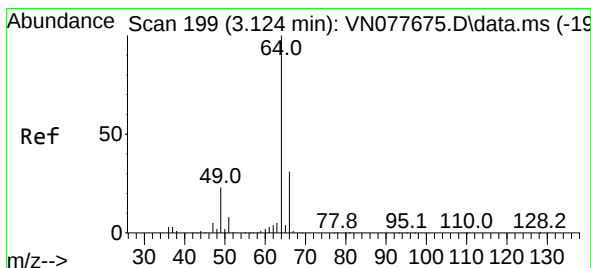
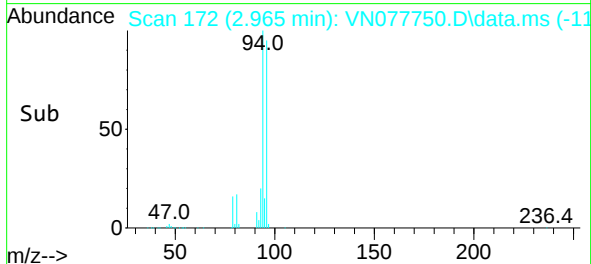
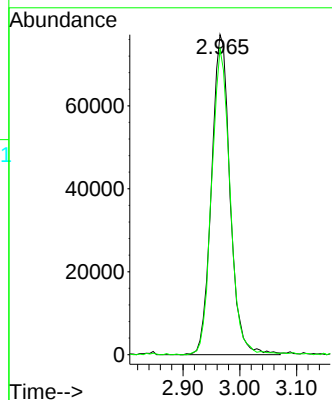
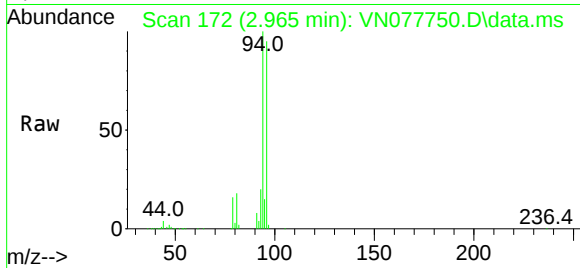




#5
Bromomethane
Concen: 41.042 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

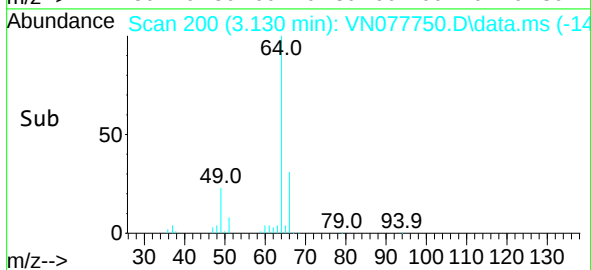
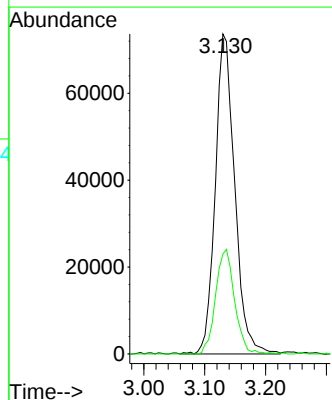
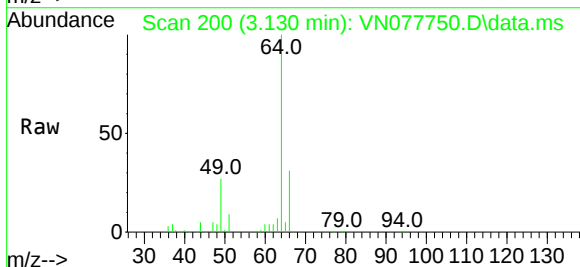
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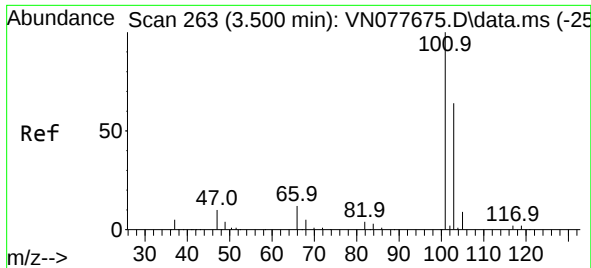
Tgt Ion: 94 Resp: 174480
Ion Ratio Lower Upper
94 100
96 95.4 73.1 109.7



#6
Chloroethane
Concen: 39.420 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 64 Resp: 163299
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2

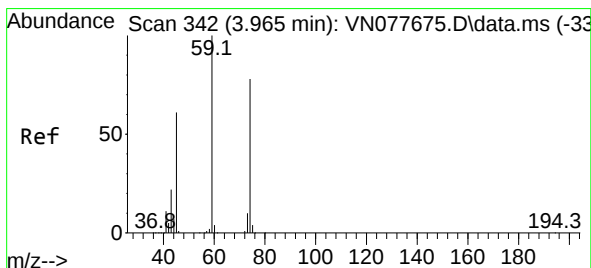
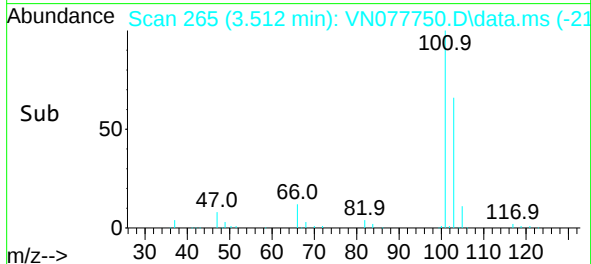
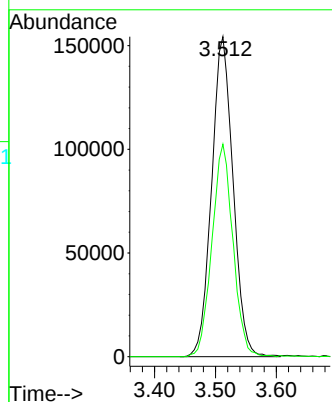
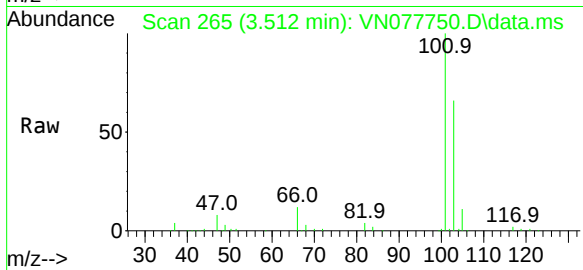




#7
 Trichlorofluoromethane
 Concen: 47.145 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN077750.D
 Acq: 18 May 2023 20:38

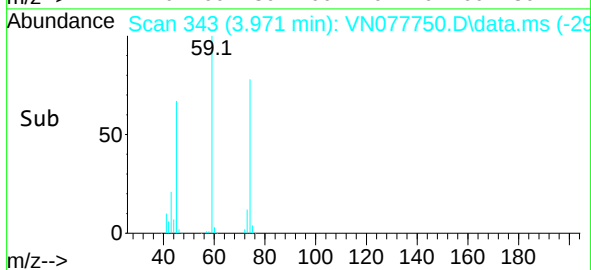
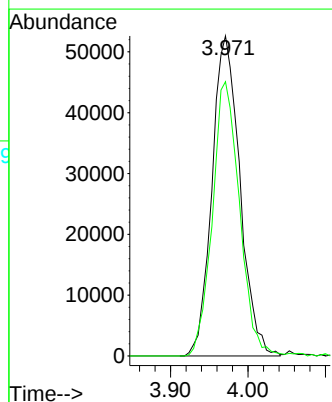
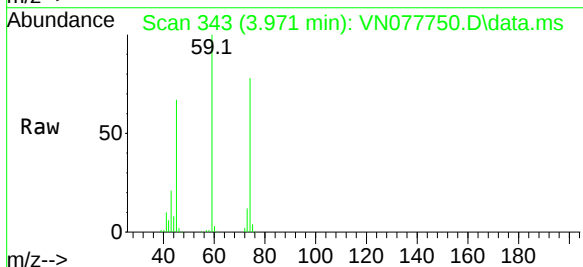
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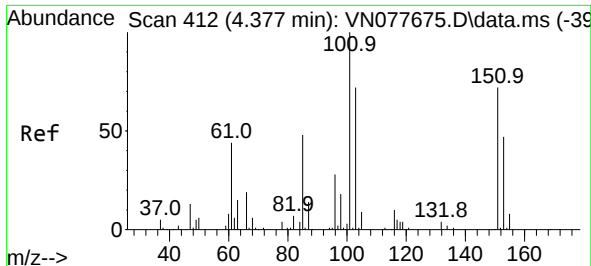
Tgt Ion:101 Resp: 377660
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 44.986 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VN077750.D
 Acq: 18 May 2023 20:38

Tgt Ion: 74 Resp: 131559
 Ion Ratio Lower Upper
 74 100
 45 83.4 34.4 103.3

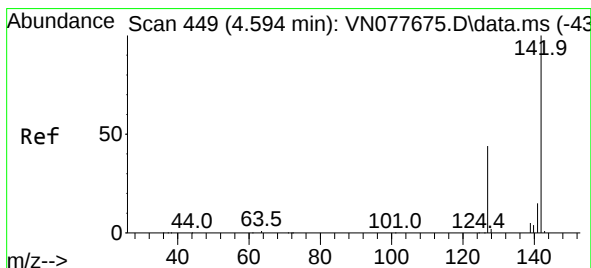
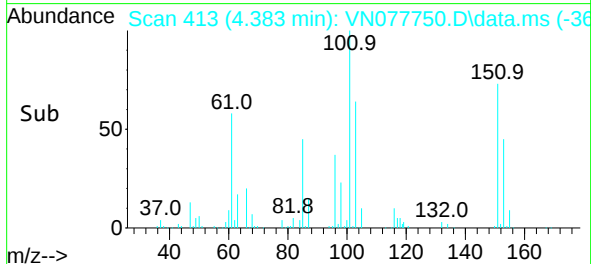
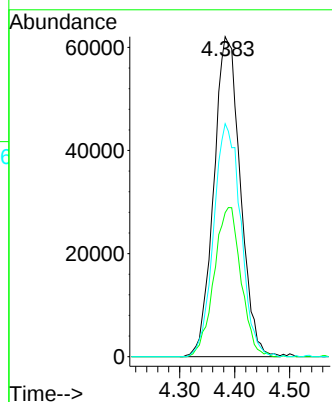
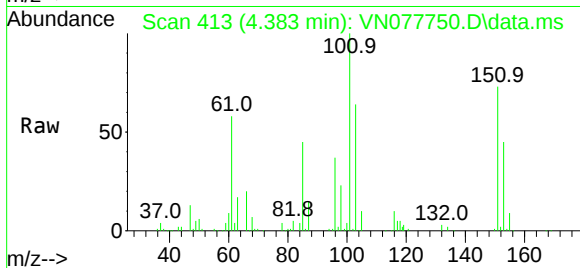




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.921 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077750.D
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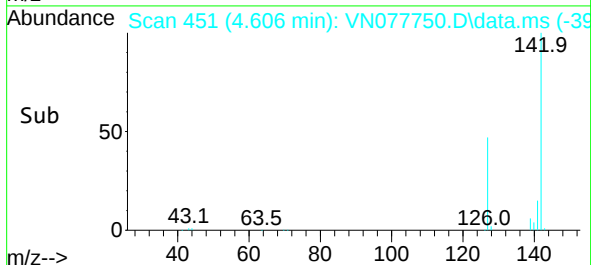
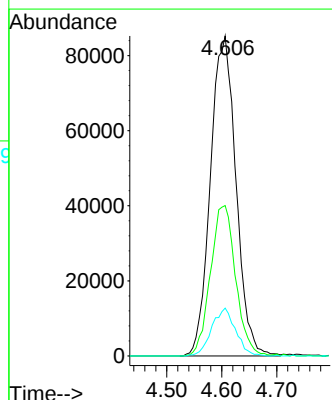
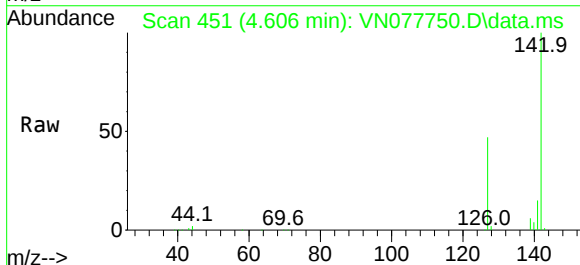
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

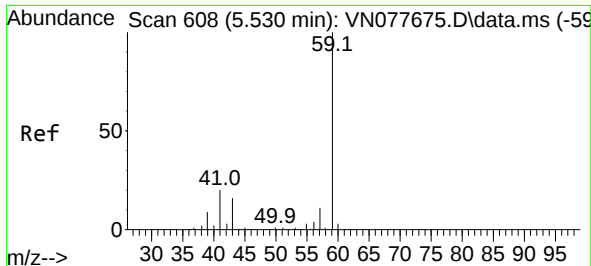
Tgt Ion:101 Resp: 208010
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 74.5 57.6 86.4



#10
Methyl Iodide
Concen: 52.074 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion:142 Resp: 275315
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 15.0 11.4 17.0

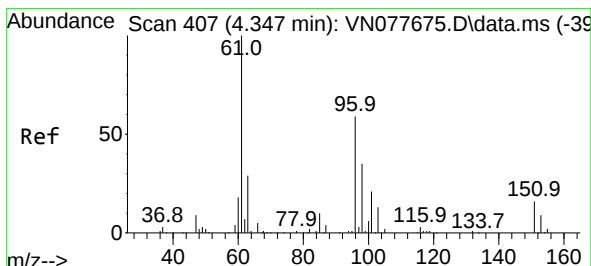
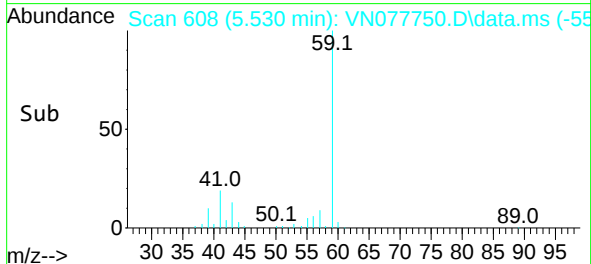
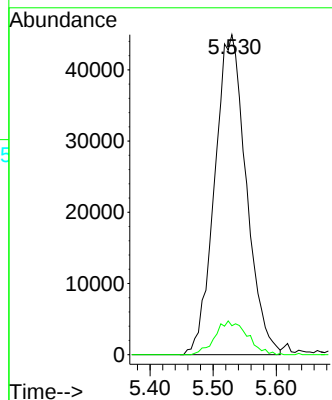
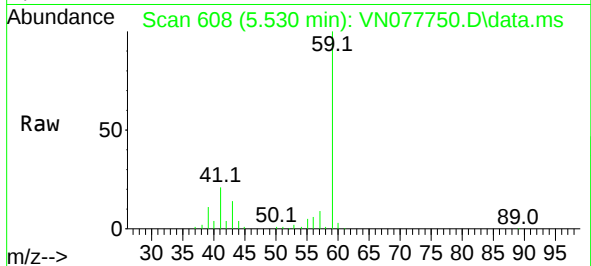




#11
Tert butyl alcohol
Concen: 188.622 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

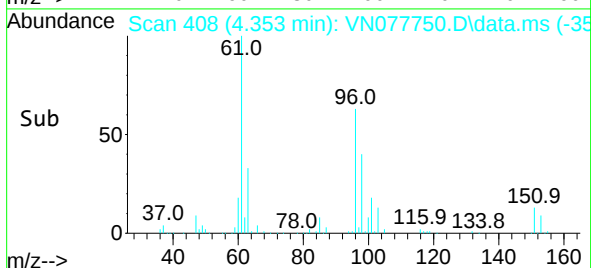
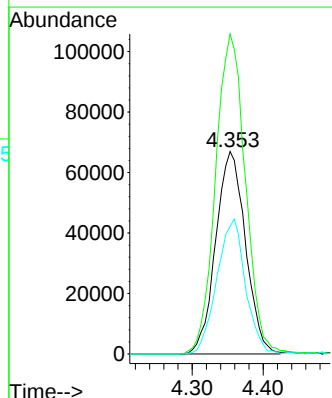
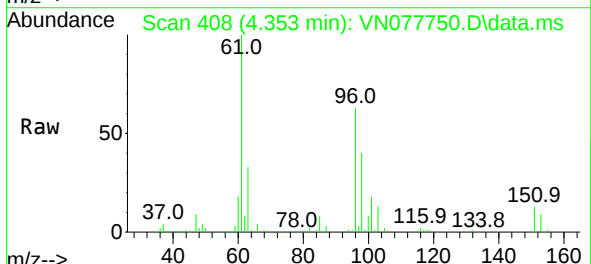
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

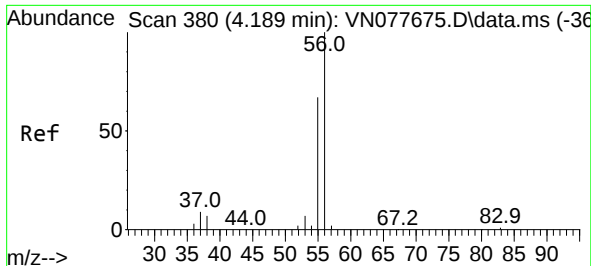
Tgt Ion: 59 Resp: 156035
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.249 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 96 Resp: 194870
Ion Ratio Lower Upper
96 100
61 158.1 112.7 169.1
98 63.1 51.2 76.8

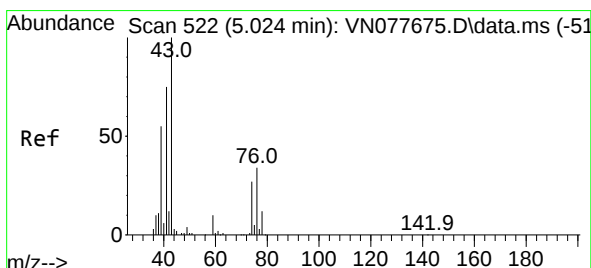
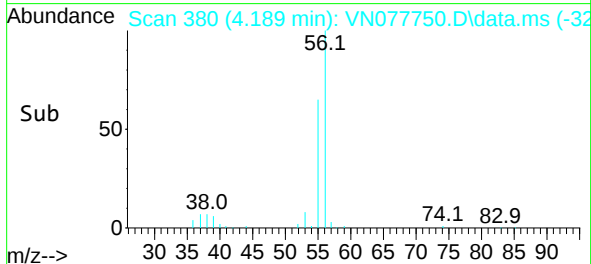
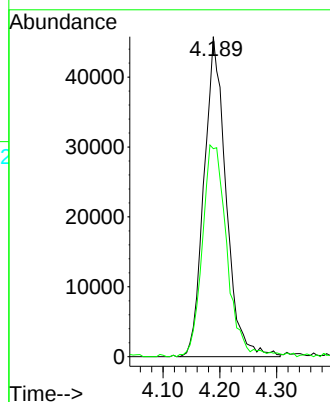
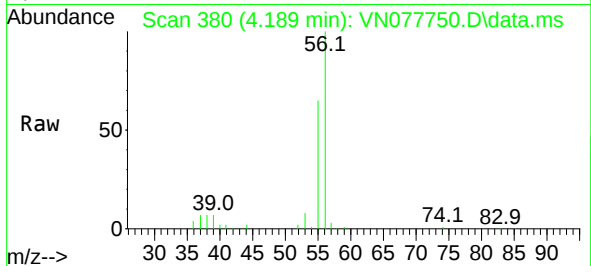




#13
Acrolein
Concen: 237.836 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

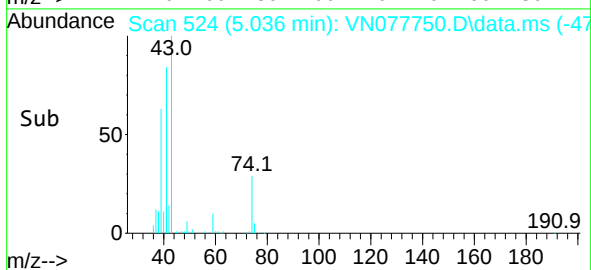
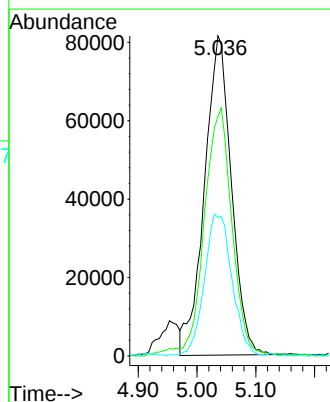
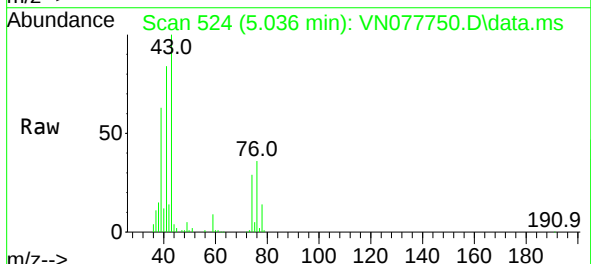
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

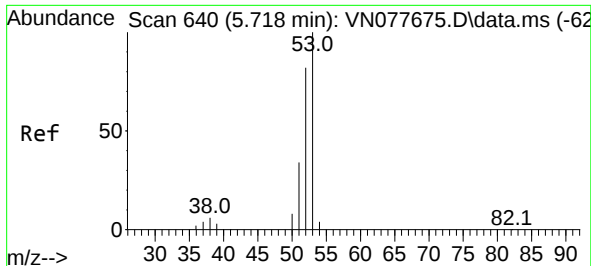
Tgt Ion: 56 Resp: 123119
Ion Ratio Lower Upper
56 100
55 73.0 54.5 81.7



#14
Allyl chloride
Concen: 41.948 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 41 Resp: 259649
Ion Ratio Lower Upper
41 100
39 80.7 58.8 88.2
76 45.6 39.1 58.7

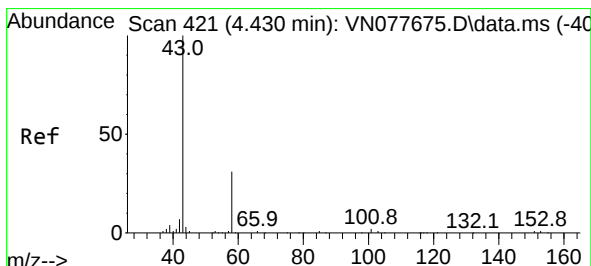
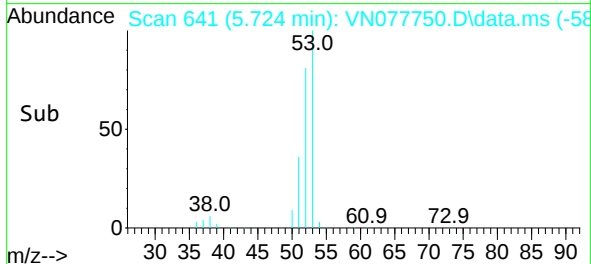
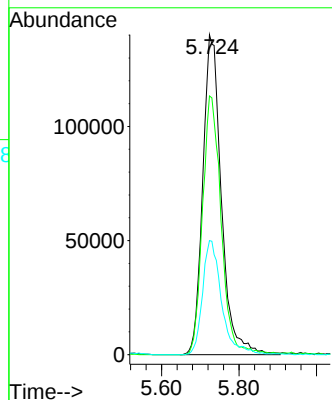
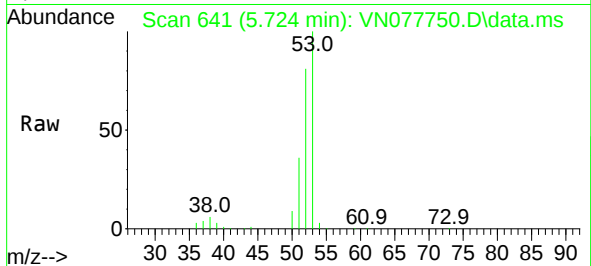




#15
Acrylonitrile
Concen: 211.261 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

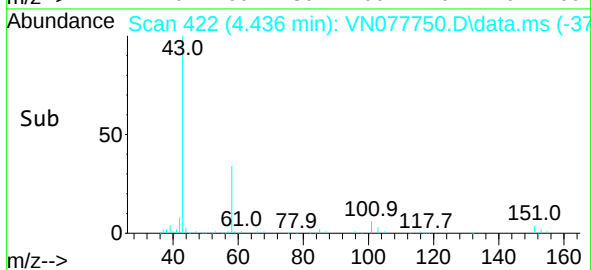
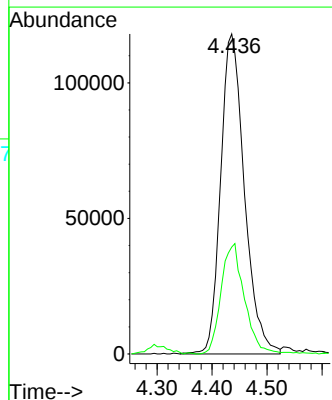
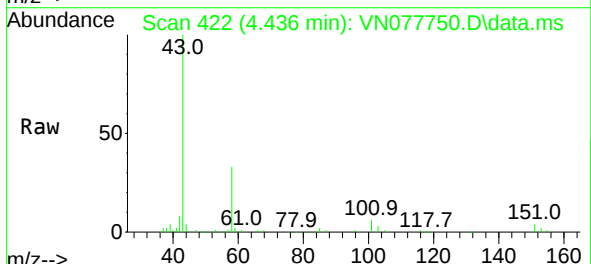
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

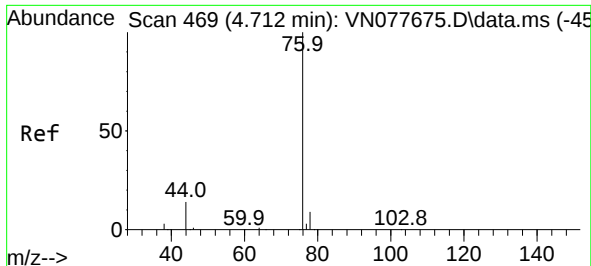
Tgt Ion: 53 Resp: 466901
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 187.992 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 43 Resp: 354518
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0

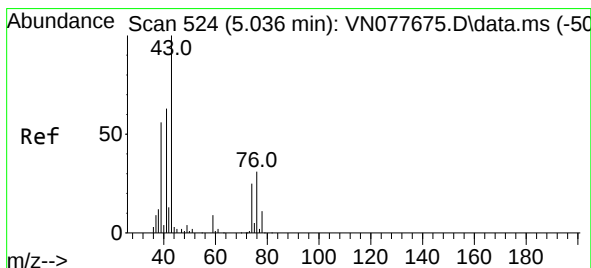
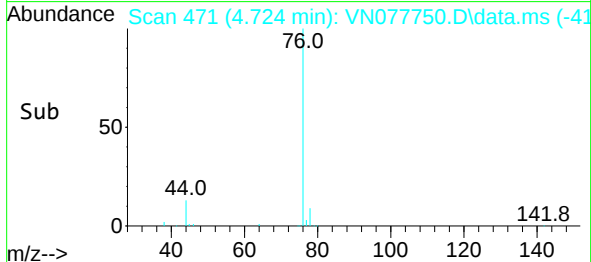
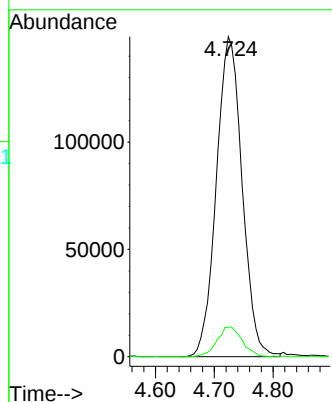
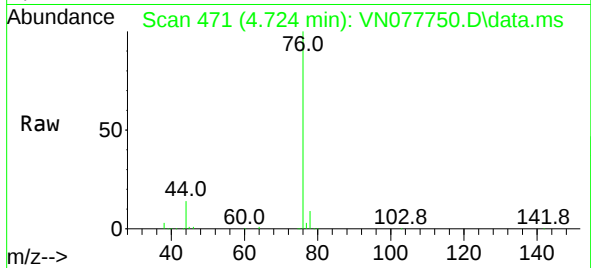




#17
Carbon Disulfide
Concen: 39.992 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

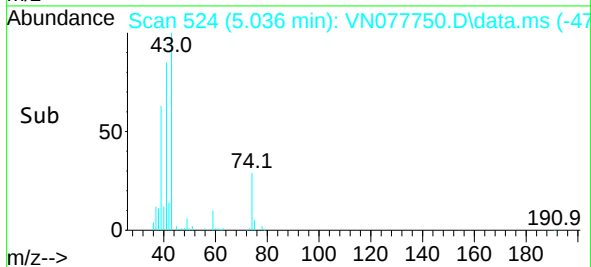
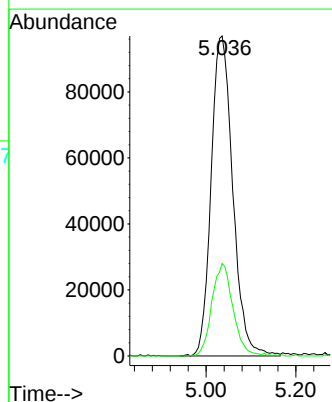
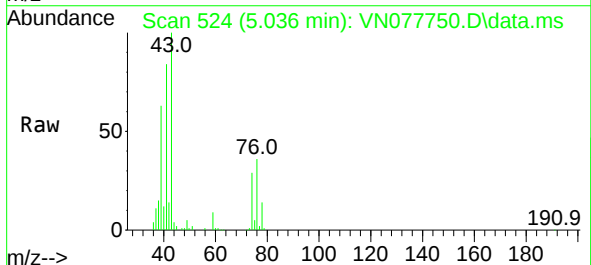
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

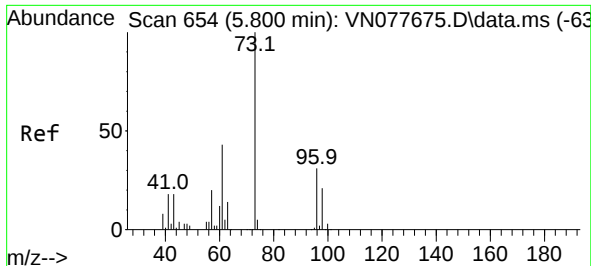
Tgt Ion: 76 Resp: 454021
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 41.001 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 43 Resp: 324369
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4

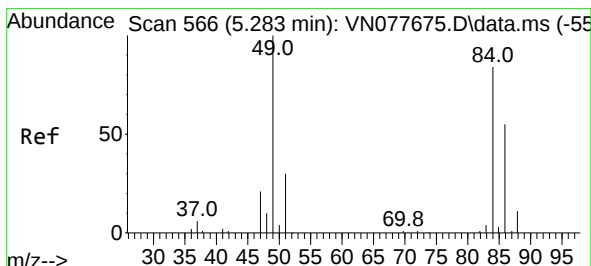
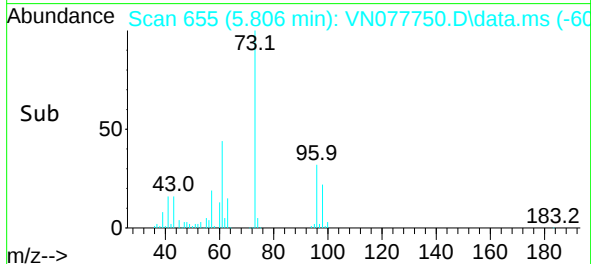
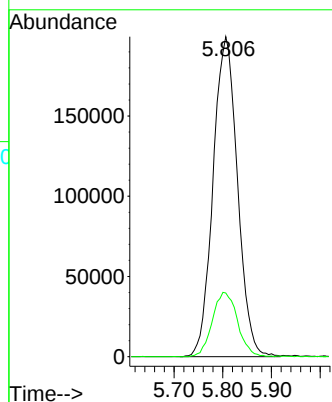
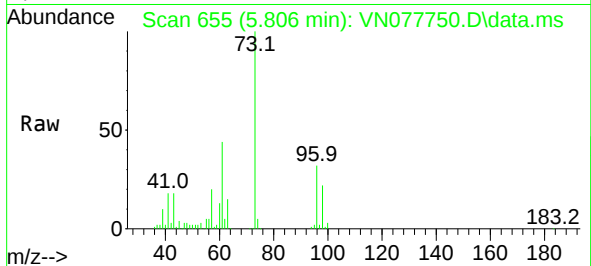




#19
Methyl tert-butyl Ether
Concen: 45.534 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

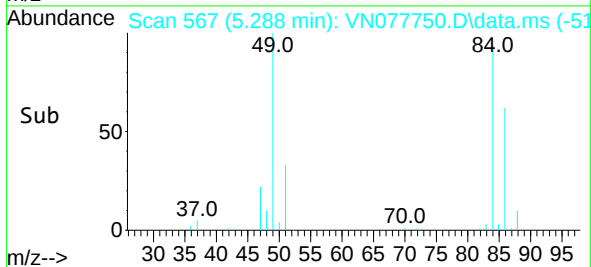
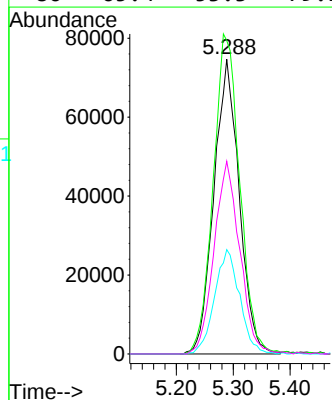
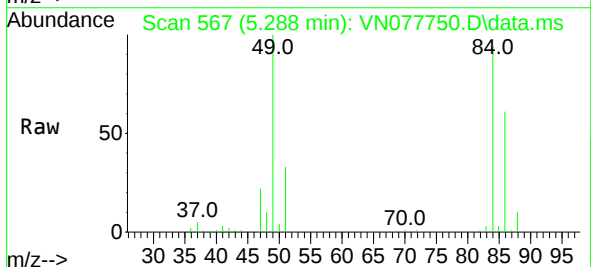
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

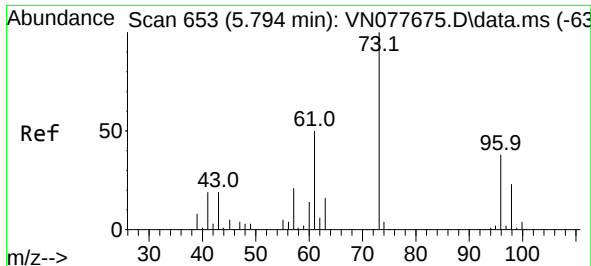
Tgt Ion: 73 Resp: 694448
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4



#20
Methylene Chloride
Concen: 46.924 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 84 Resp: 230916
Ion Ratio Lower Upper
84 100
49 106.3 79.7 119.5
51 35.4 25.2 37.8
86 65.4 53.3 79.9

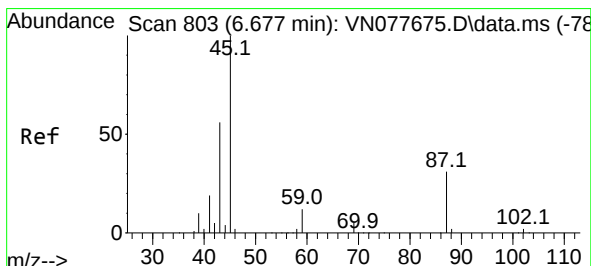
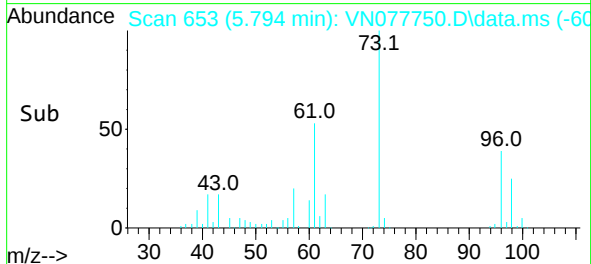
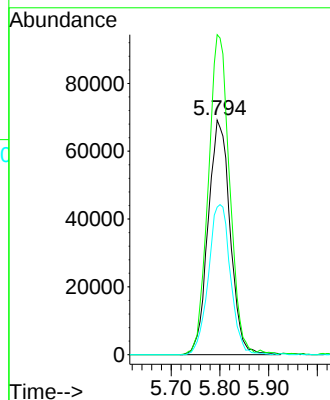
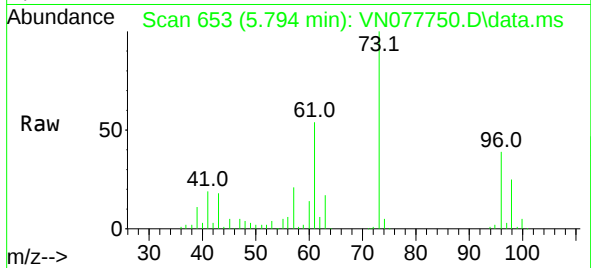




#21
trans-1,2-Dichloroethene
Concen: 45.774 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

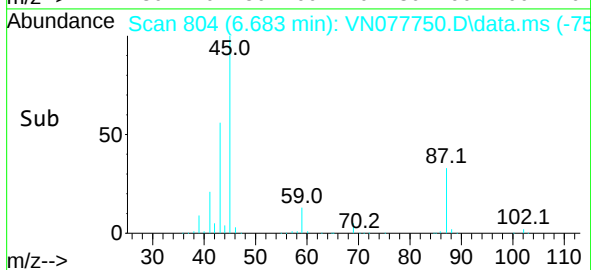
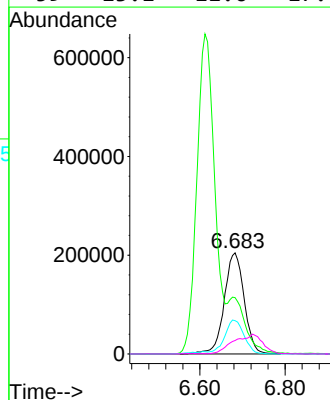
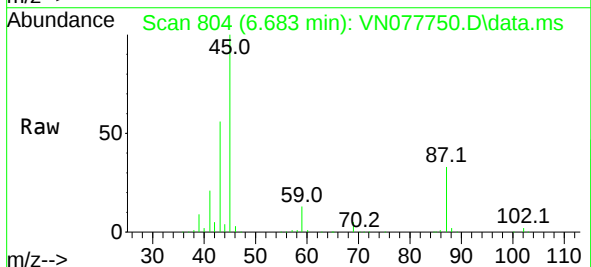
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 216645
Ion Ratio Lower Upper
96 100
61 136.4 90.1 135.1#
98 62.9 46.4 69.6



#22
Diisopropyl ether
Concen: 45.819 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 45 Resp: 664759
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 32.9 31.8 47.8
59 13.1 11.6 17.4

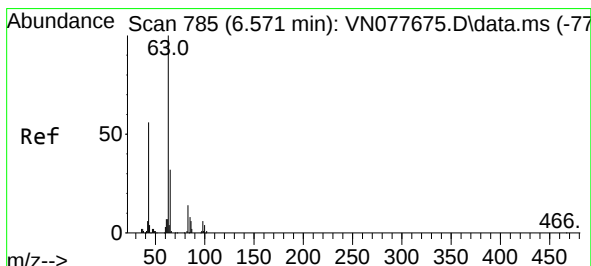
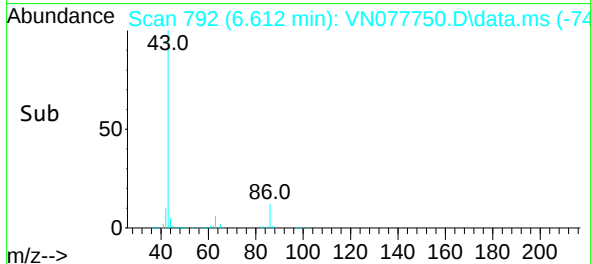
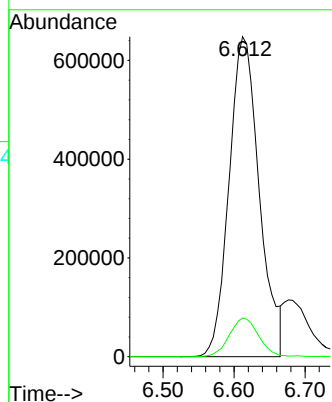
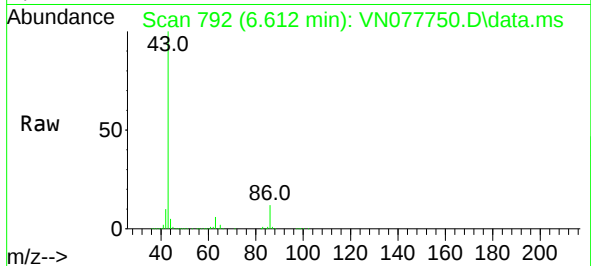




#23
 Vinyl Acetate
 Concen: 213.317 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077750.D
 Acq: 18 May 2023 20:38

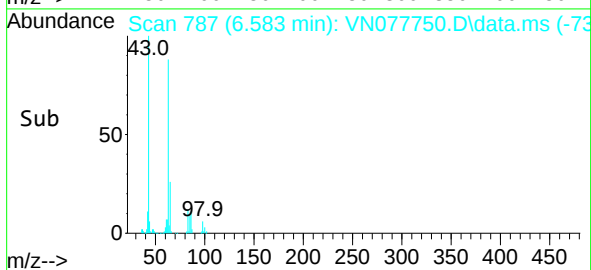
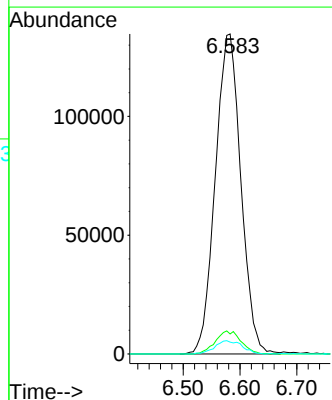
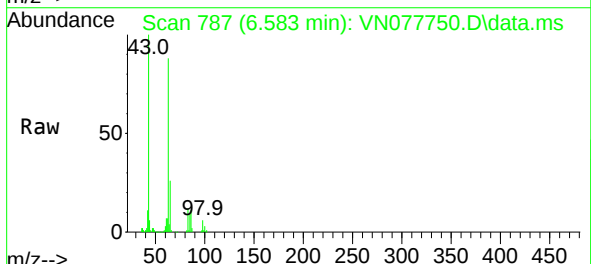
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1917533
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.311 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077750.D
 Acq: 18 May 2023 20:38

Tgt Ion: 63 Resp: 420525
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 3.7 2.5 7.4

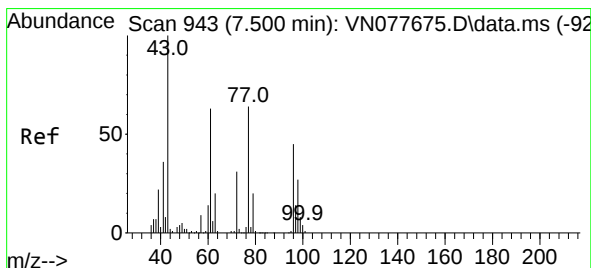
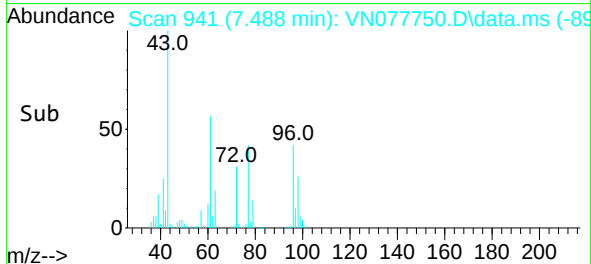
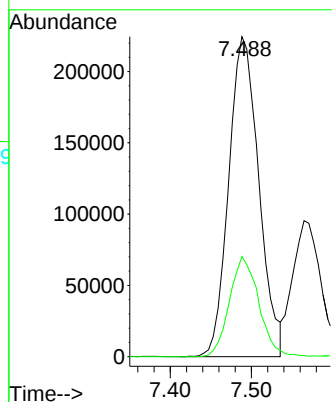
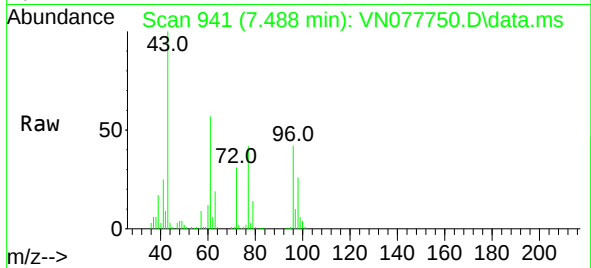




#25
2-Butanone
Concen: 196.182 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

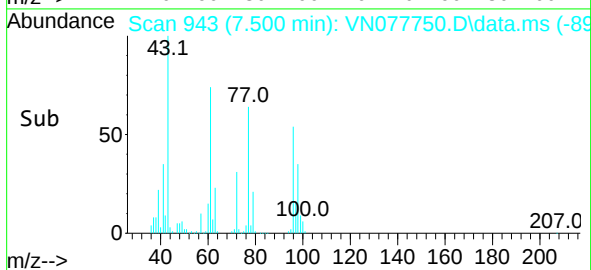
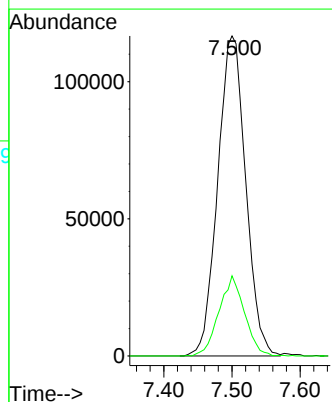
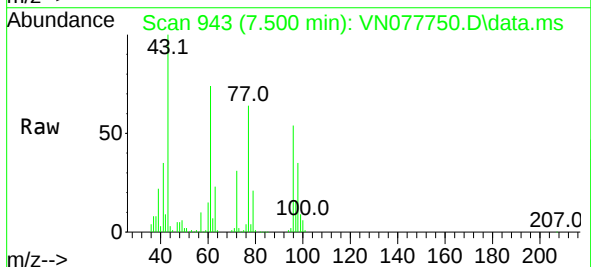
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 578734
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 44.132 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 77 Resp: 333262
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6

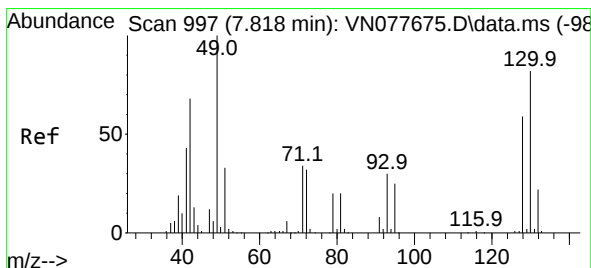
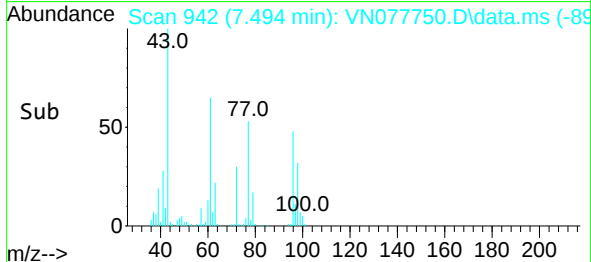
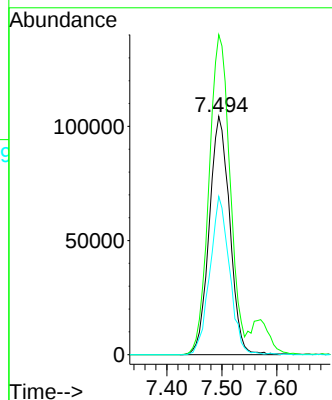
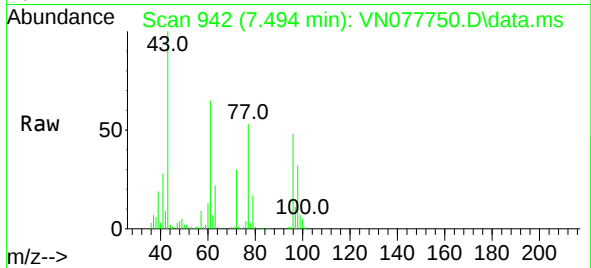




#27
cis-1,2-Dichloroethene
Concen: 47.642 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

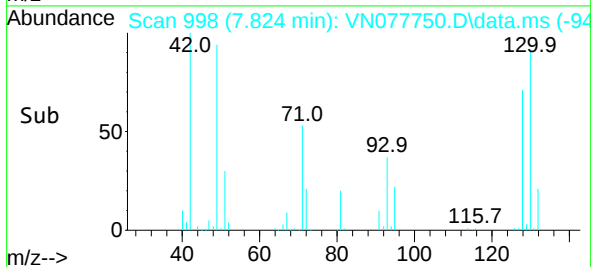
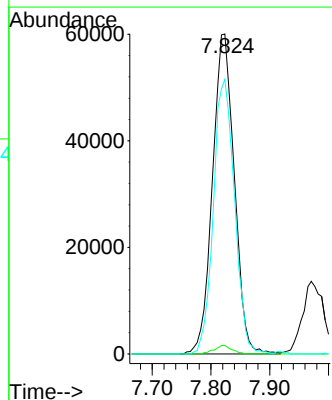
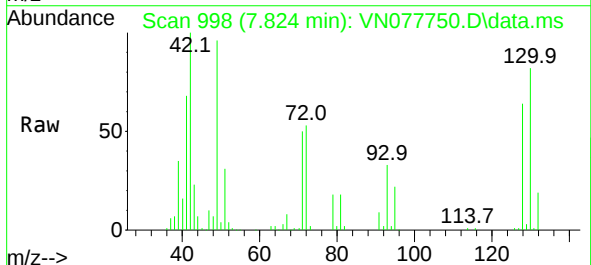
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

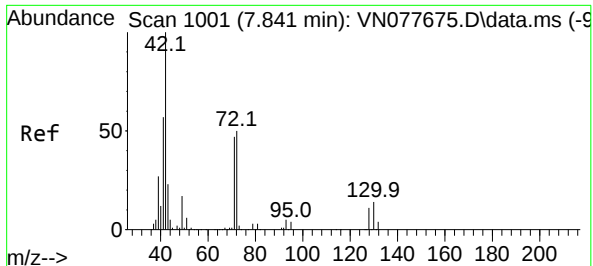
Tgt Ion: 96 Resp: 270367
Ion Ratio Lower Upper
96 100
61 137.0 0.0 255.2
98 63.6 0.0 128.8



#28
Bromochloromethane
Concen: 40.315 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 49 Resp: 154976
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 83.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 198.367 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

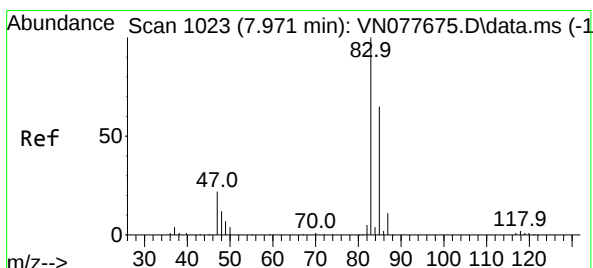
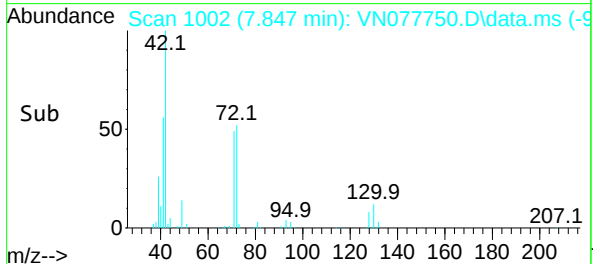
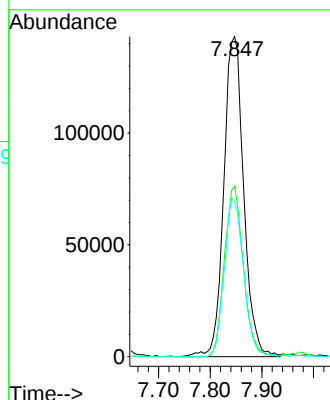
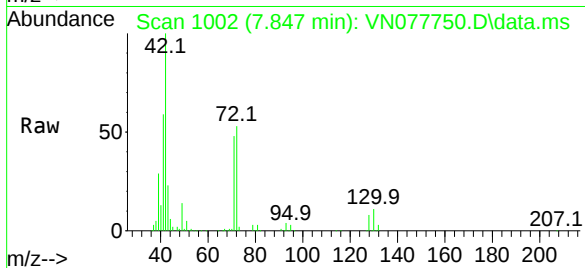
Tgt Ion: 42 Resp: 383171

Ion Ratio Lower Upper

42 100

72 50.7 49.8 74.6

71 47.9 47.4 71.2



#30

Chloroform

Concen: 46.662 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077750.D

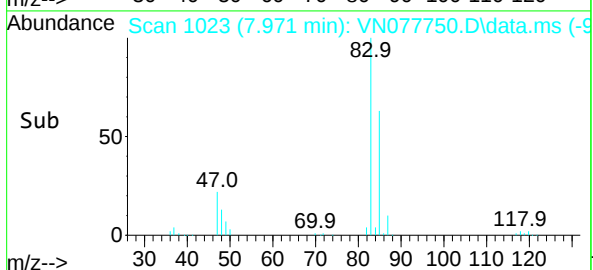
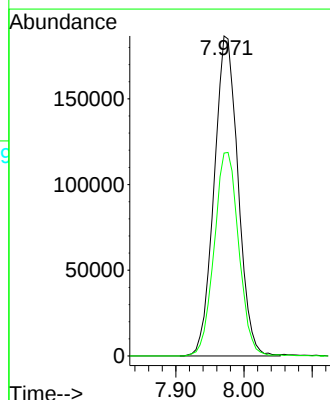
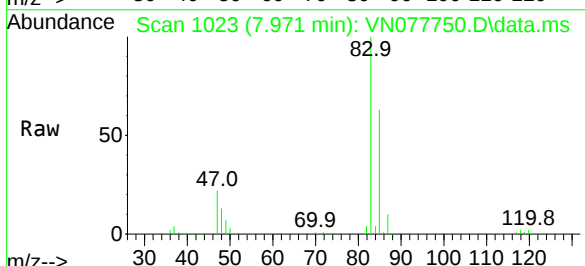
Acq: 18 May 2023 20:38

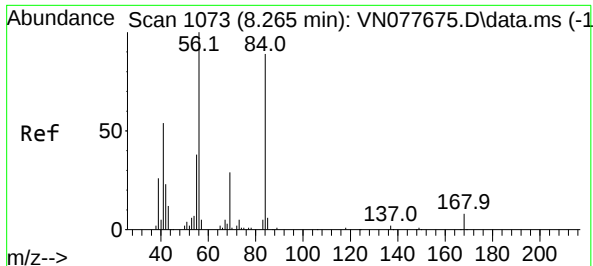
Tgt Ion: 83 Resp: 456245

Ion Ratio Lower Upper

83 100

85 63.4 55.4 83.0

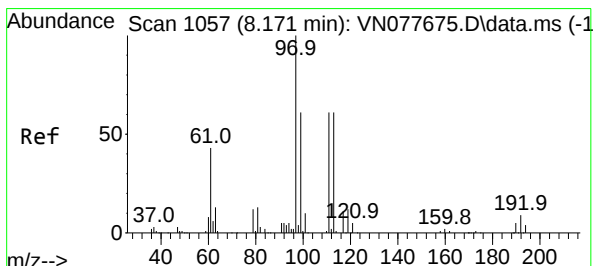
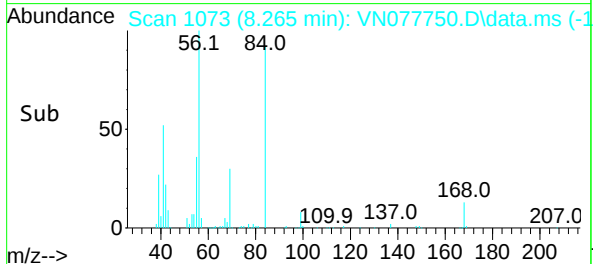
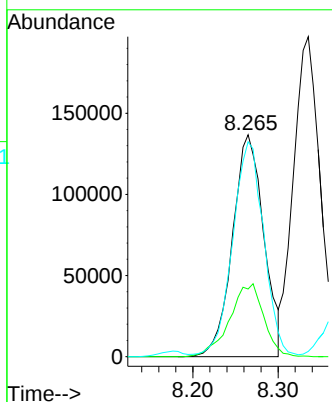
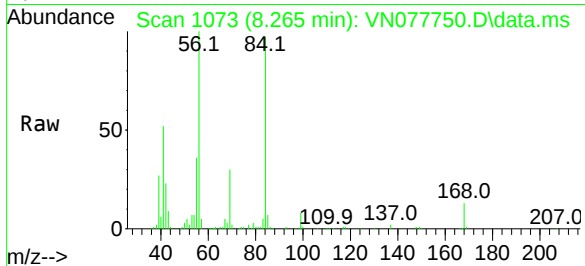




#31
Cyclohexane
Concen: 42.821 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

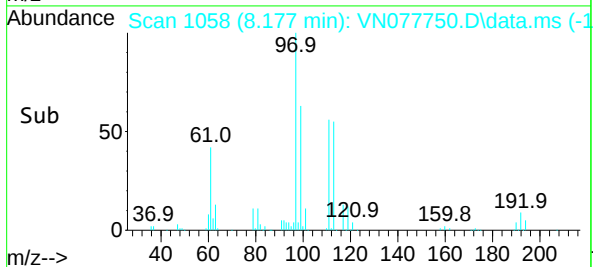
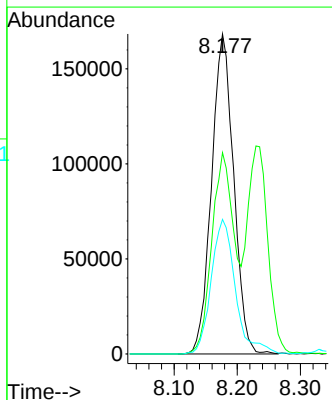
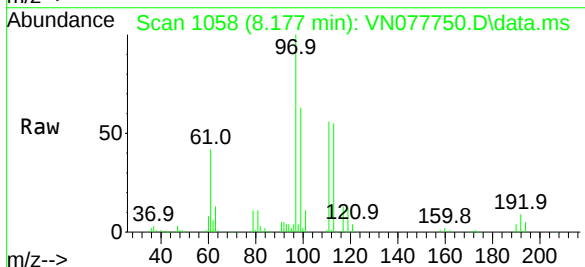
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

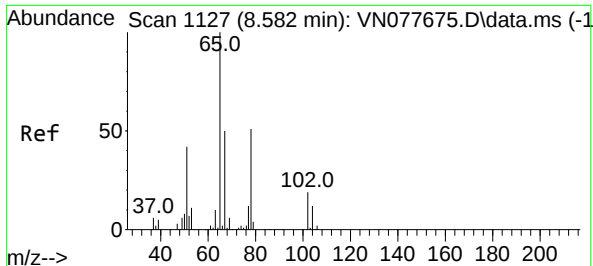
Tgt Ion: 56 Resp: 348849
Ion Ratio Lower Upper
56 100
69 30.5 26.8 40.2
84 94.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 49.252 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 97 Resp: 409429
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 46.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 41.277 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

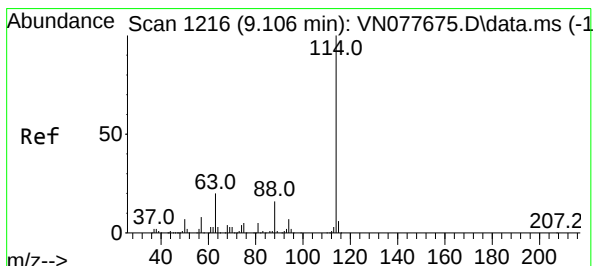
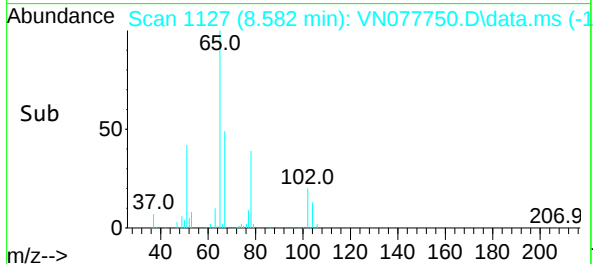
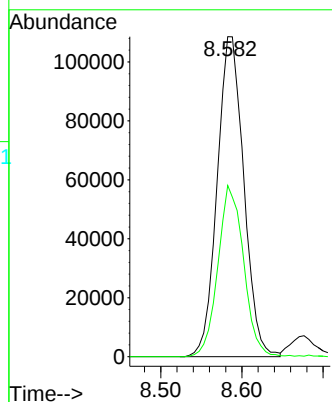
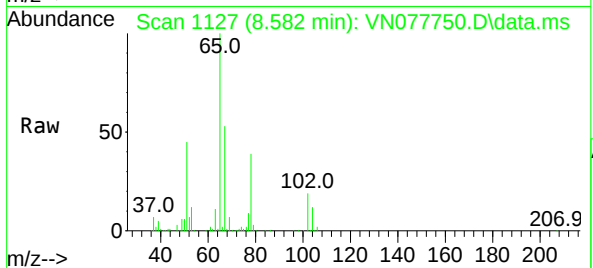
VSTDCCC050EC

Tgt Ion: 65 Resp: 247419

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

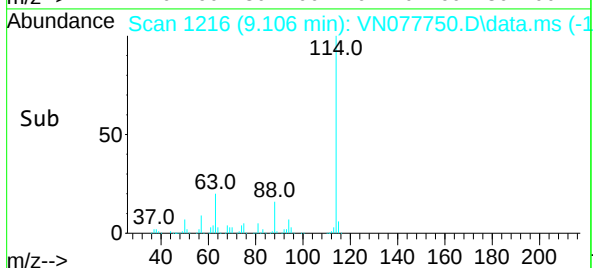
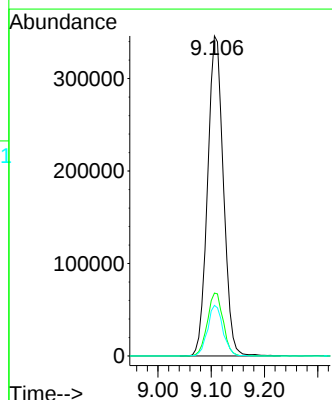
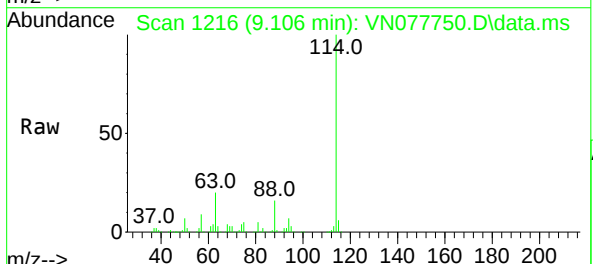
Tgt Ion: 114 Resp: 712457

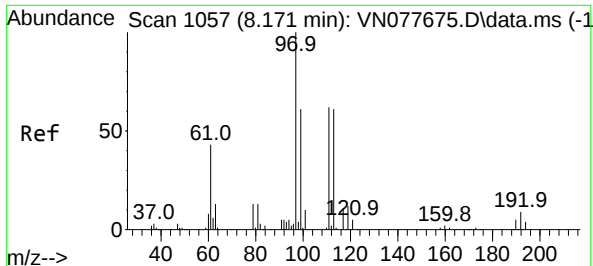
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.338 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

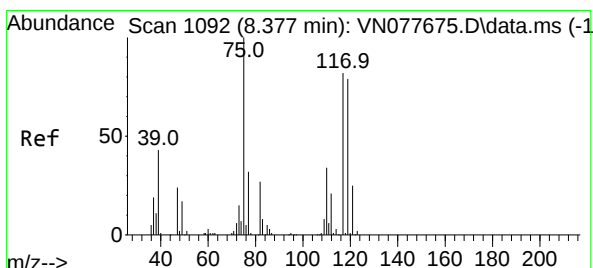
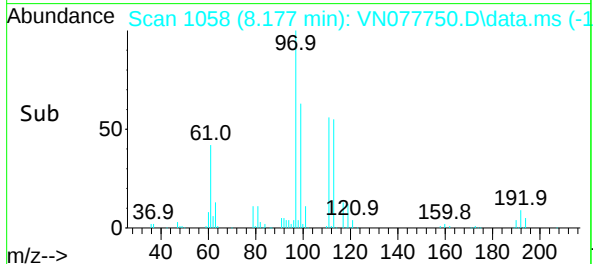
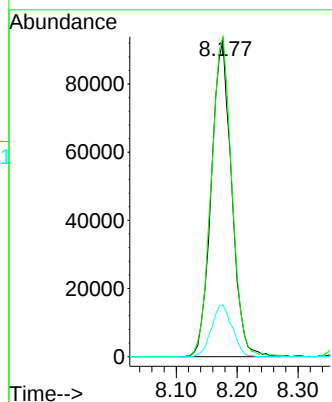
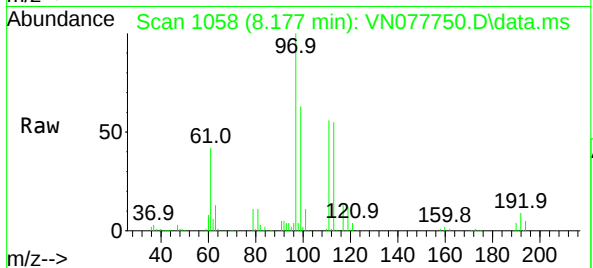
Tgt Ion:113 Resp: 215279

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 48.162 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

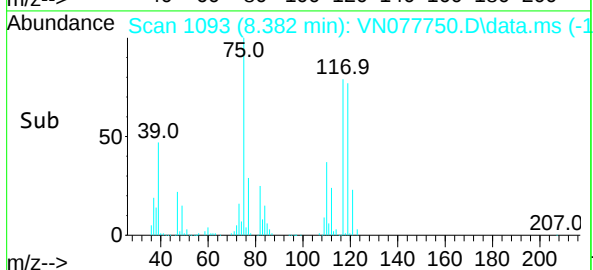
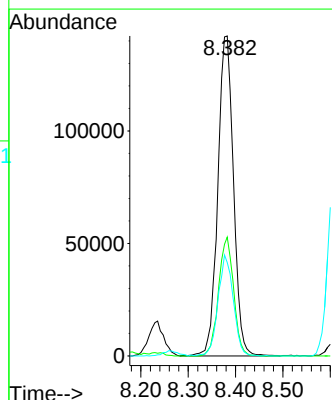
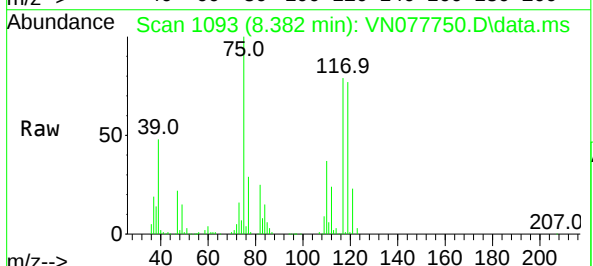
Tgt Ion: 75 Resp: 327273

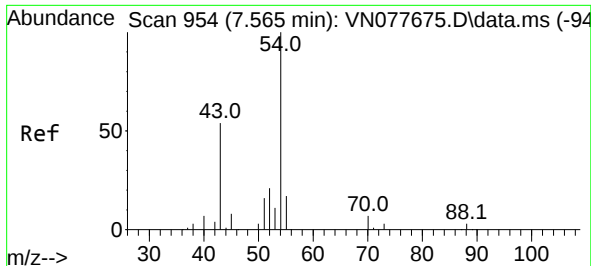
Ion Ratio Lower Upper

75 100

110 35.8 19.1 57.3

77 30.7 25.0 37.4

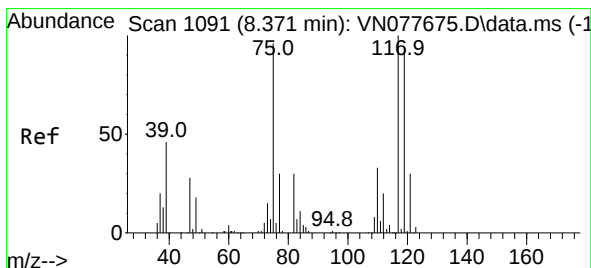
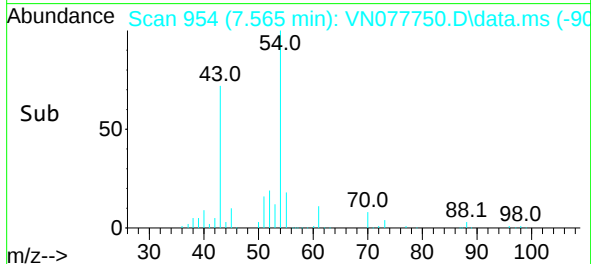
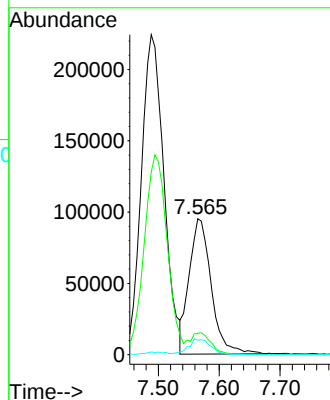
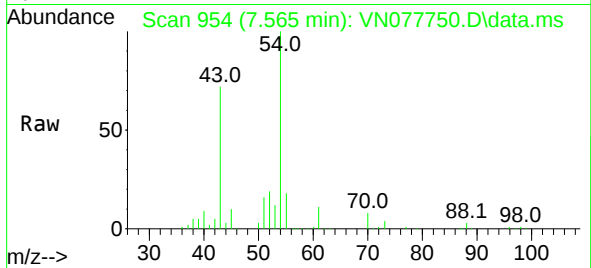




#37
Ethyl Acetate
Concen: 39.550 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

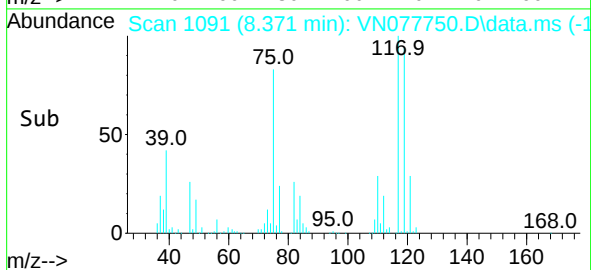
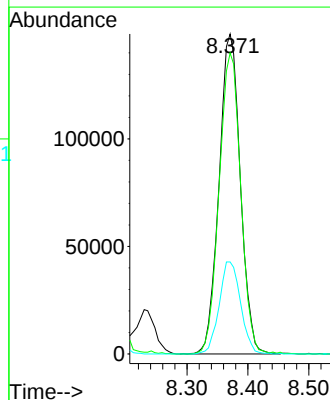
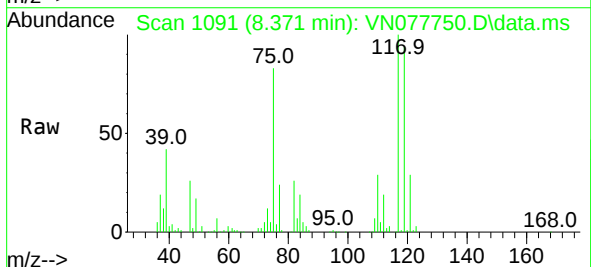
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

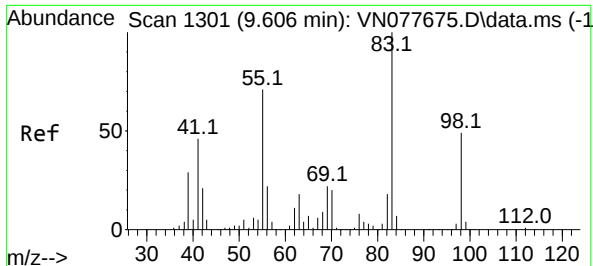
Tgt Ion: 43 Resp: 239542
Ion Ratio Lower Upper
43 100
61 13.2 13.2 19.8#
70 11.7 11.3 16.9



#38
Carbon Tetrachloride
Concen: 52.638 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 117 Resp: 361190
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 28.8 23.3 34.9





#39

Methylcyclohexane

Concen: 48.151 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

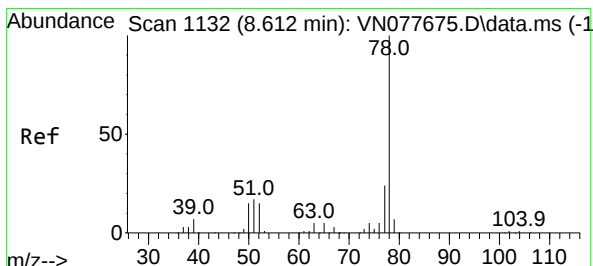
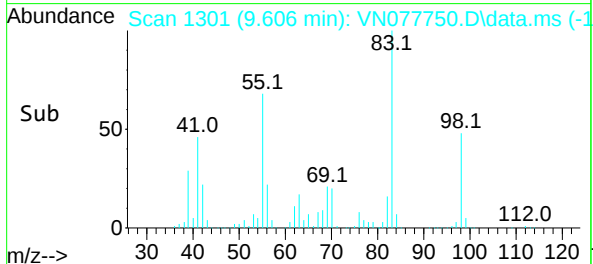
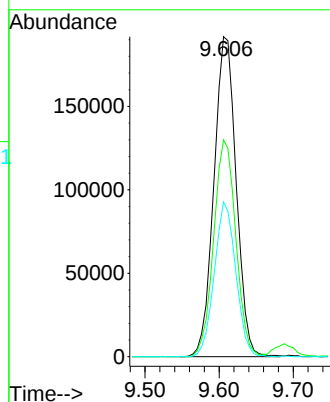
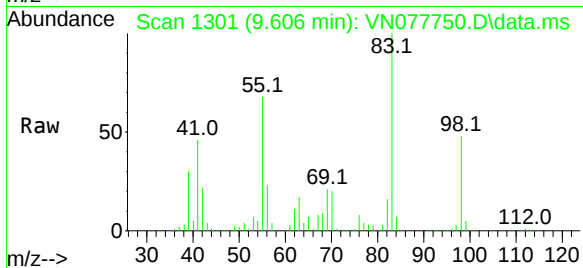
Tgt Ion: 83 Resp: 400575

Ion Ratio Lower Upper

83 100

55 67.8 49.1 73.7

98 48.4 40.6 61.0



#40

Benzene

Concen: 49.296 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077750.D

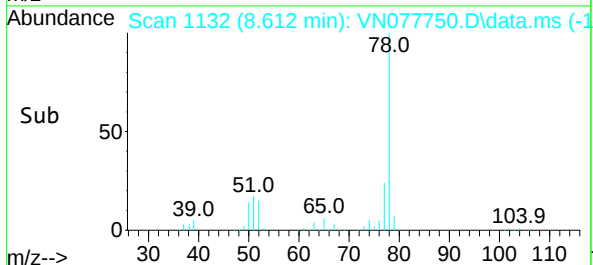
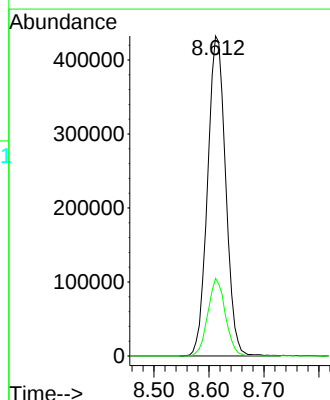
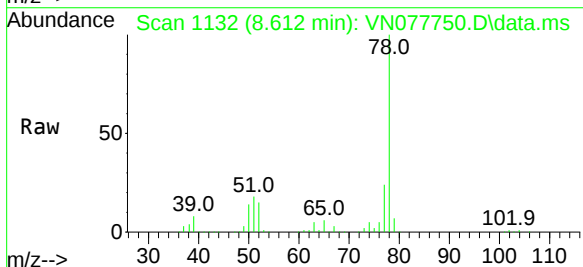
Acq: 18 May 2023 20:38

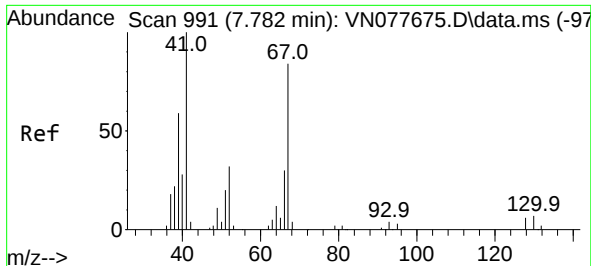
Tgt Ion: 78 Resp: 988520

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6



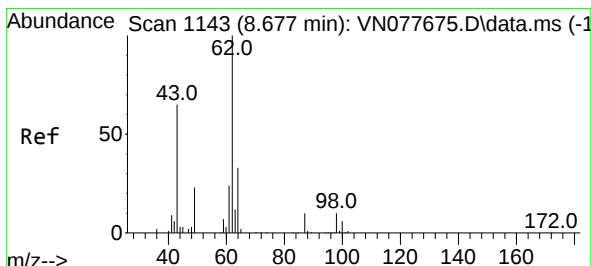
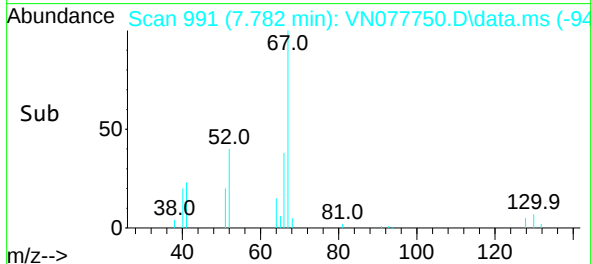
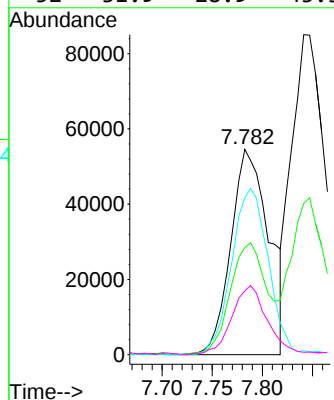
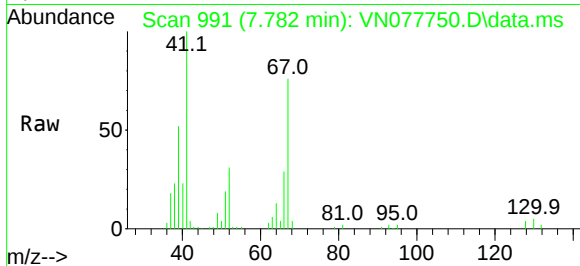


#41
Methacrylonitrile
Concen: 44.716 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 144233

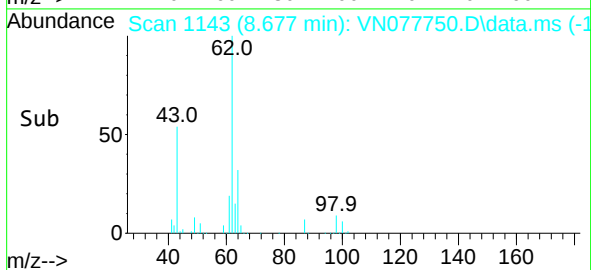
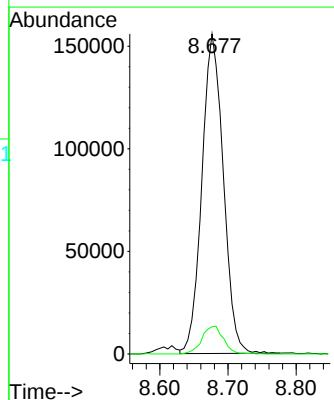
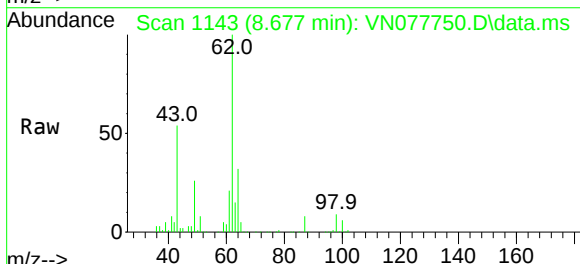
Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.6	64.0
67	78.7	77.5	116.3
52	31.9	28.9	43.3

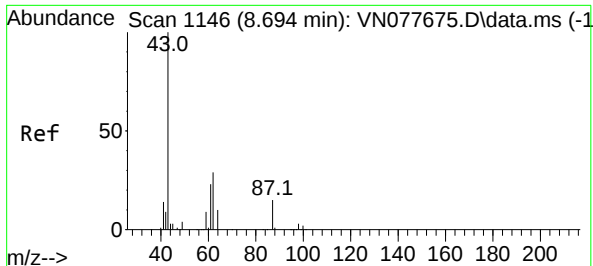


#42
1,2-Dichloroethane
Concen: 46.776 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 62 Resp: 340728

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

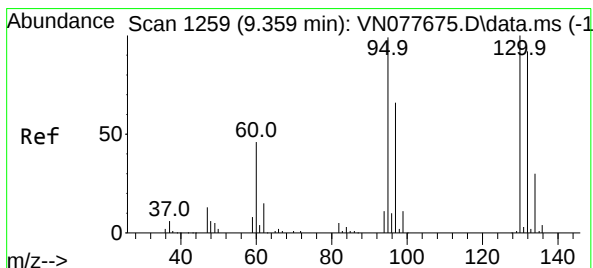
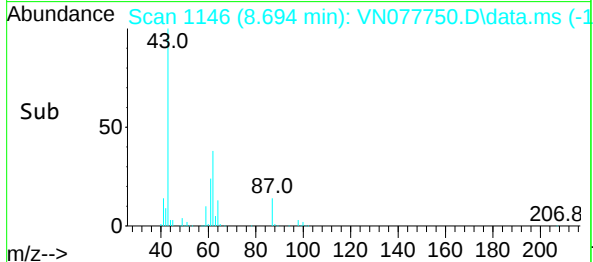
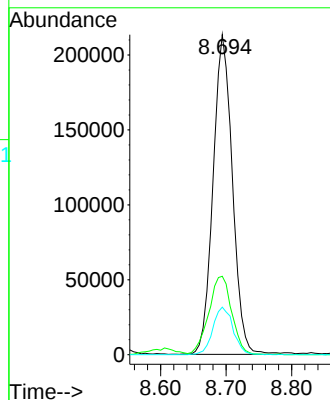
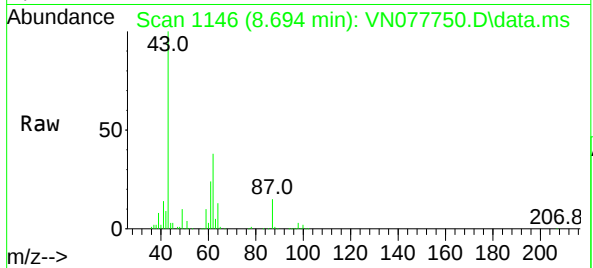




#43
Isopropyl Acetate
Concen: 44.168 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

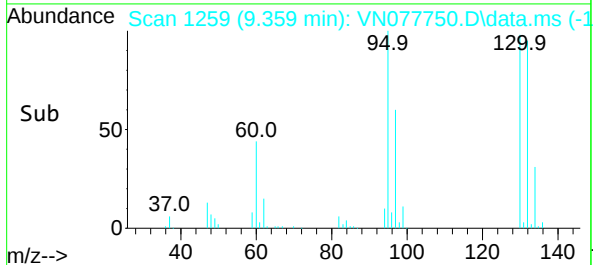
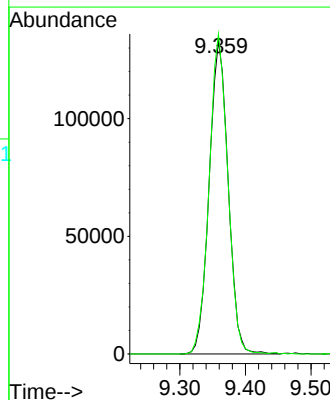
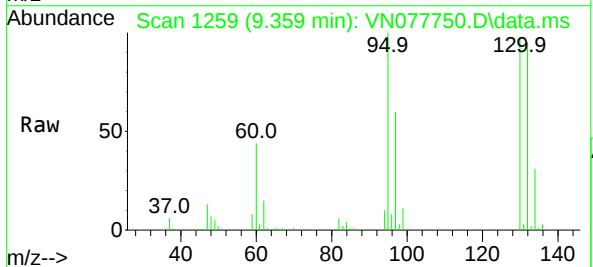
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

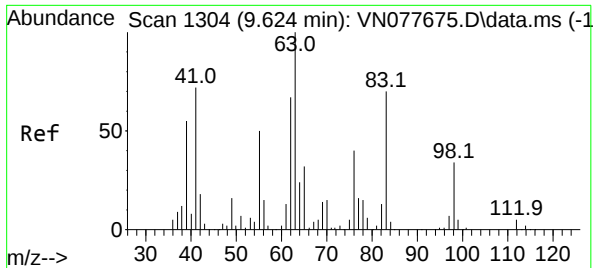
Tgt Ion: 43 Resp: 436958
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 15.5 14.6 21.8



#44
Trichloroethene
Concen: 52.652 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion:130 Resp: 267339
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.782 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

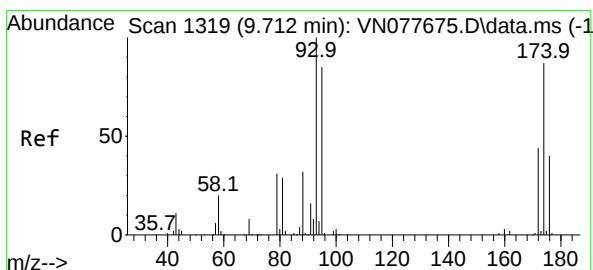
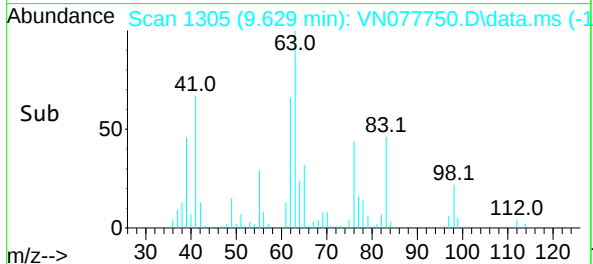
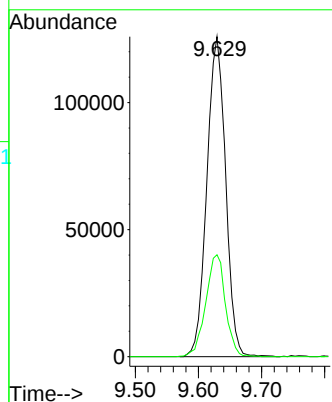
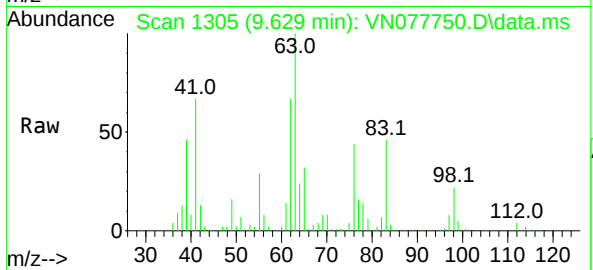
VSTDCCC050EC

Tgt Ion: 63 Resp: 259744

Ion Ratio Lower Upper

63 100

65 31.8 23.9 35.9



#46

Dibromomethane

Concen: 47.298 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

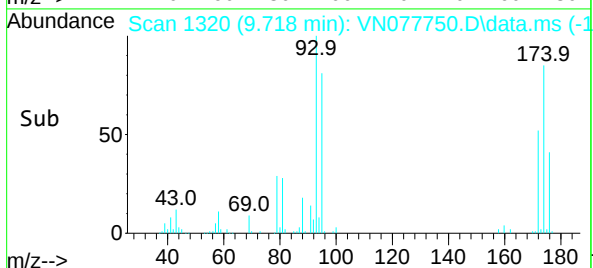
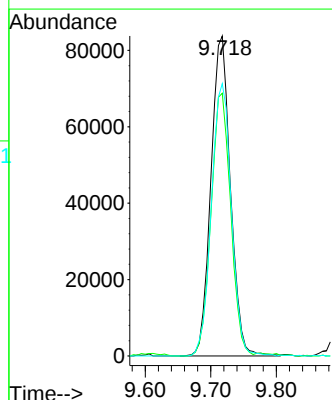
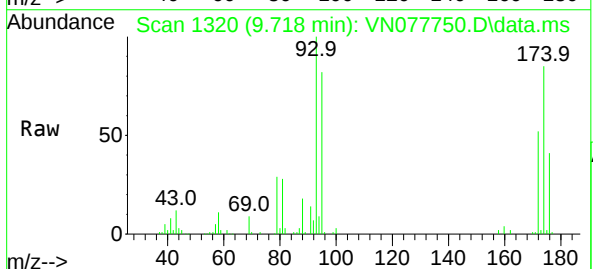
Tgt Ion: 93 Resp: 173114

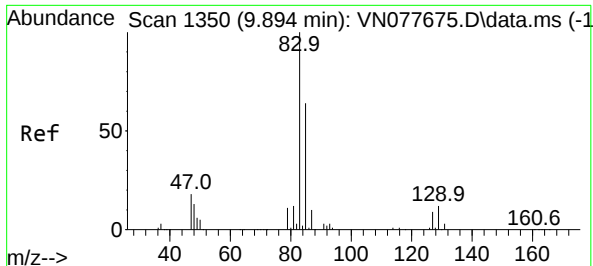
Ion Ratio Lower Upper

93 100

95 82.3 63.8 95.8

174 87.1 65.6 98.4

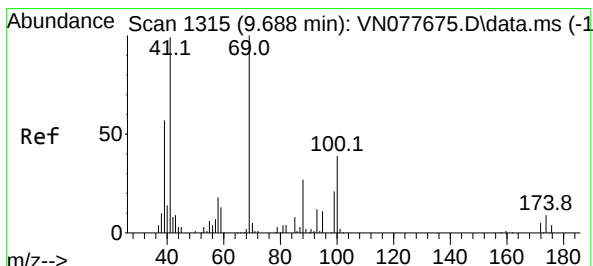
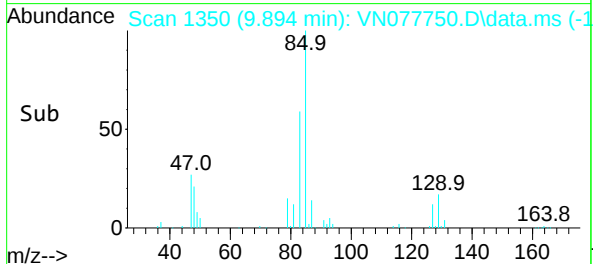
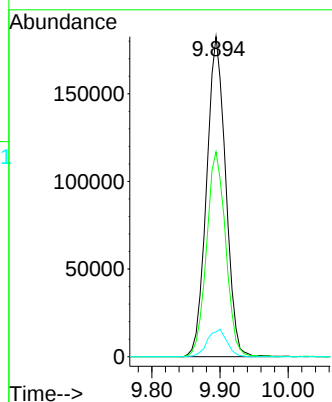
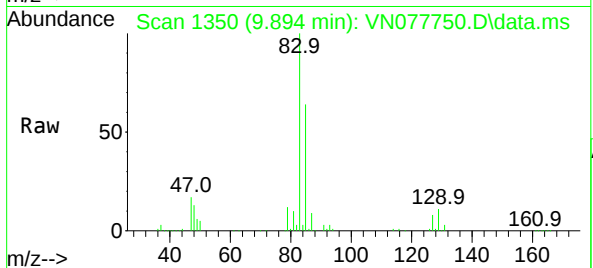




#47
Bromodichloromethane
Concen: 50.668 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

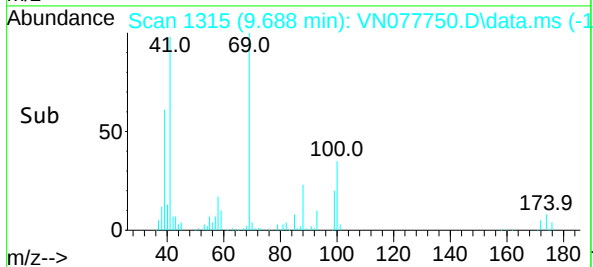
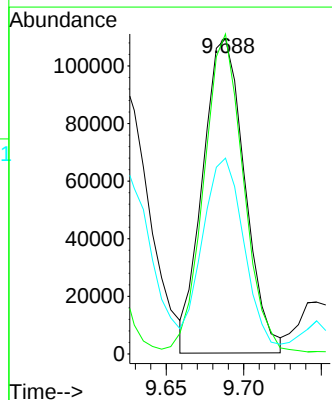
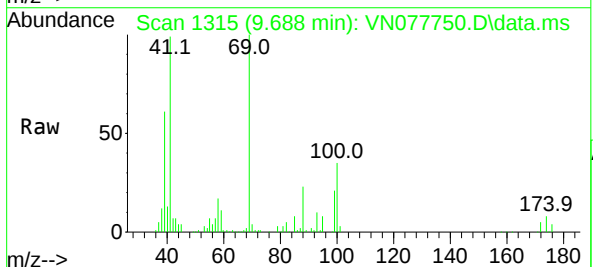
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

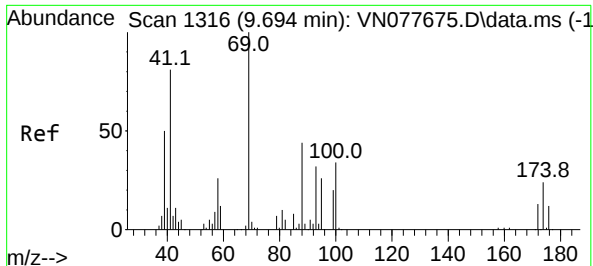
Tgt Ion: 83 Resp: 355041
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 43.831 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 41 Resp: 205587
Ion Ratio Lower Upper
41 100
69 97.7 90.4 135.6
39 62.7 54.6 81.8





#49

1,4-Dioxane

Concen: 833.017 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

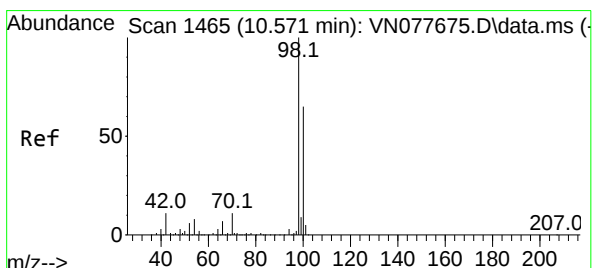
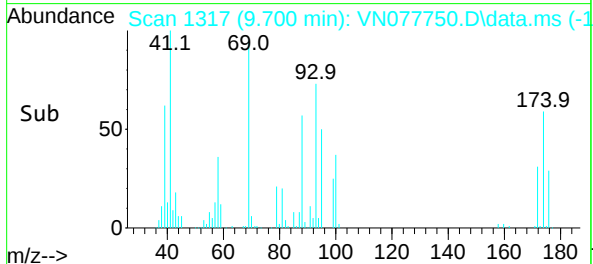
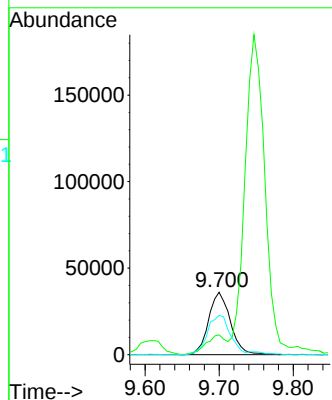
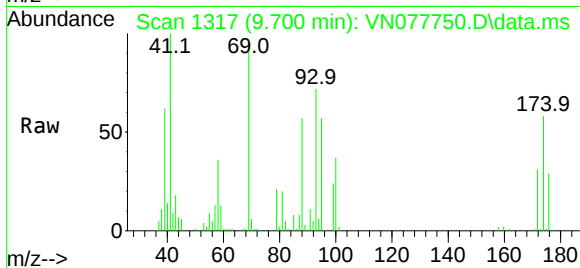
Tgt Ion: 88 Resp: 73797

Ion Ratio Lower Upper

88 100

43 28.3 17.0 25.6#

58 68.9 47.0 70.4



#50

Toluene-d8

Concen: 45.274 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN077750.D

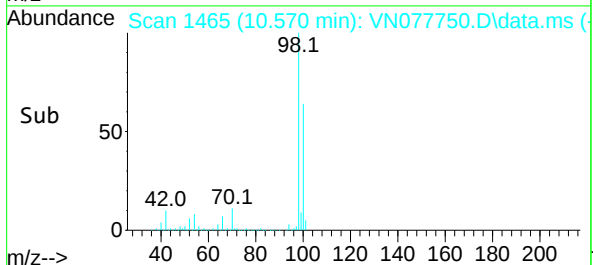
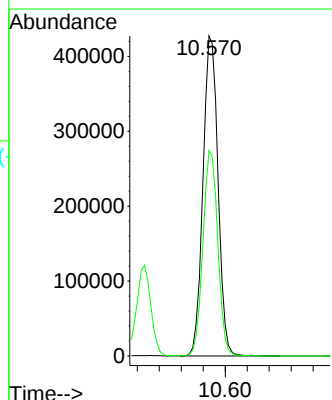
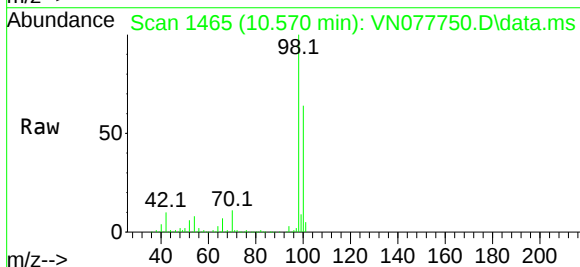
Acq: 18 May 2023 20:38

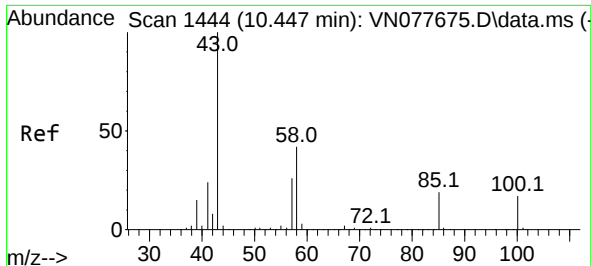
Tgt Ion: 98 Resp: 809599

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

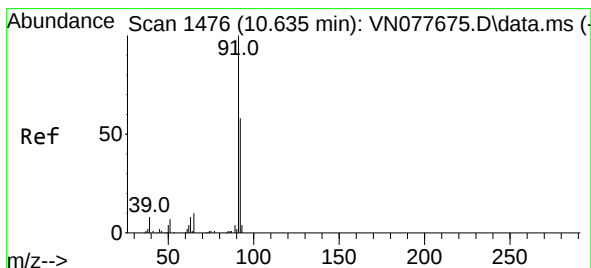
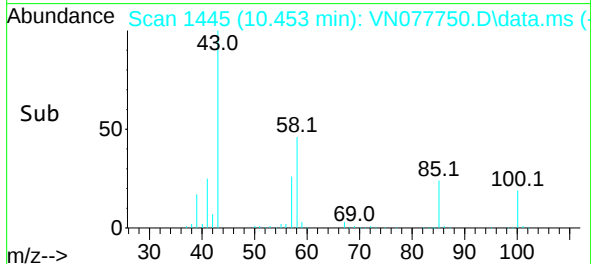
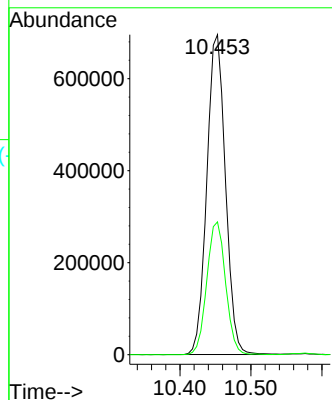
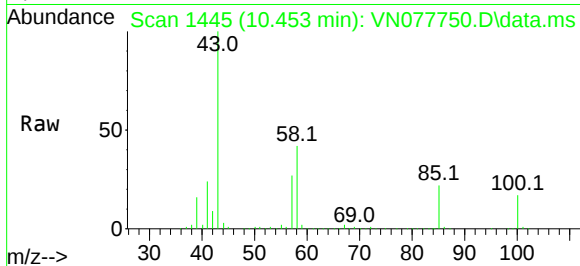




#51
4-Methyl-2-Pentanone
Concen: 215.694 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

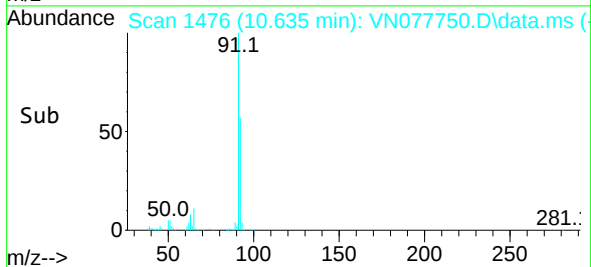
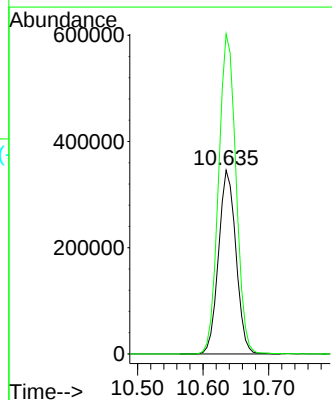
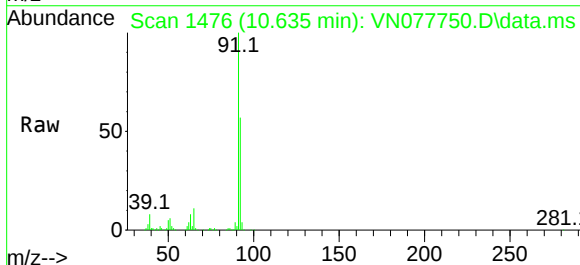
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

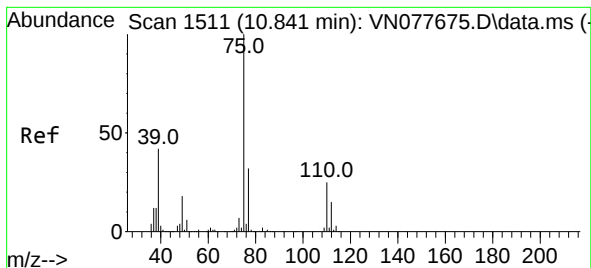
Tgt Ion: 43 Resp: 1268393
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8



#52
Toluene
Concen: 50.748 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 92 Resp: 633525
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0

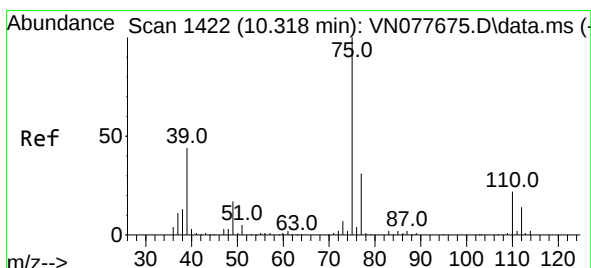
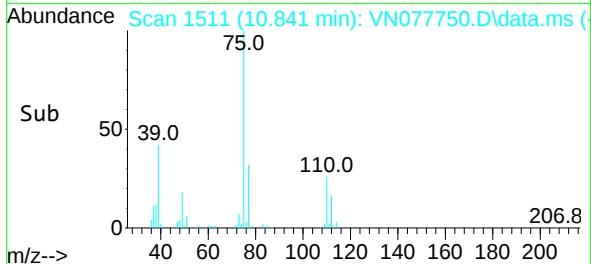
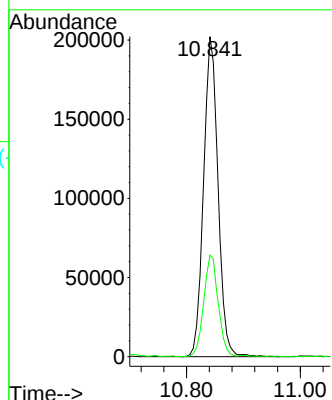
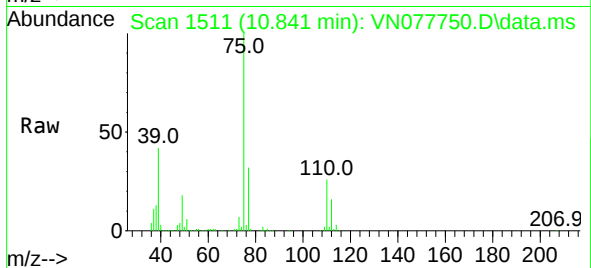




#53
t-1,3-Dichloropropene
Concen: 47.980 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

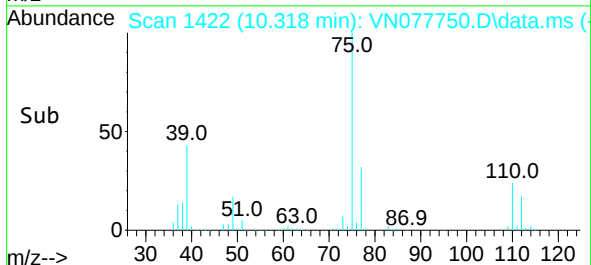
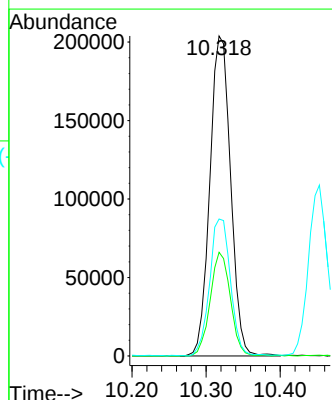
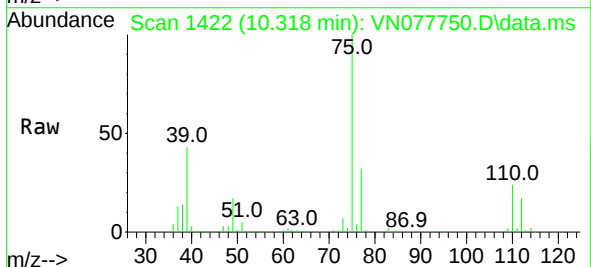
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

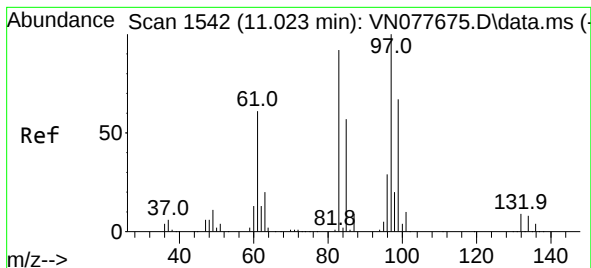
Tgt Ion: 75 Resp: 356027
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.550 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 75 Resp: 397003
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 42.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 49.171 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 243733

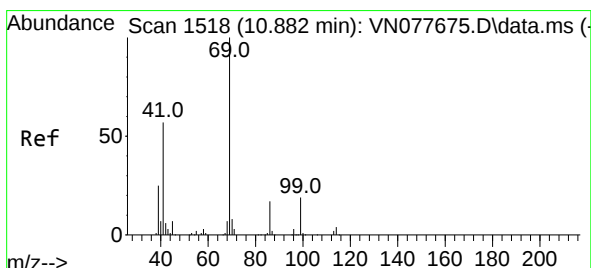
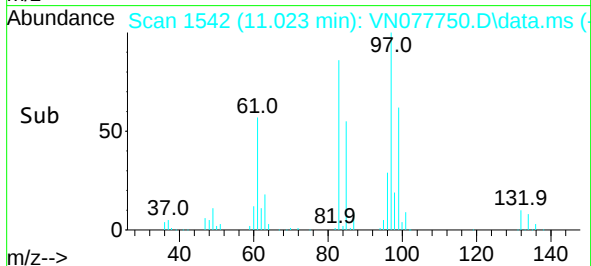
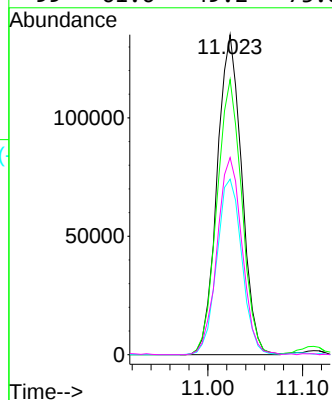
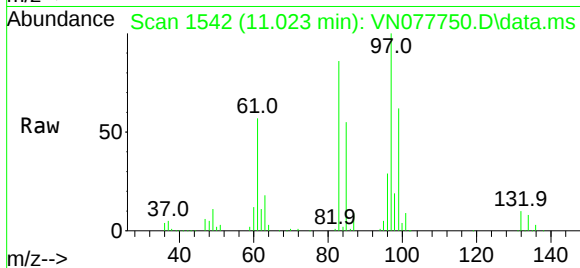
Ion Ratio Lower Upper

97 100

83 86.0 65.1 97.7

85 54.9 43.4 65.2

99 61.6 49.2 73.8



#56

Ethyl methacrylate

Concen: 47.302 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

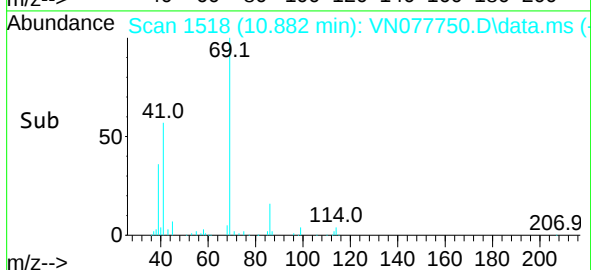
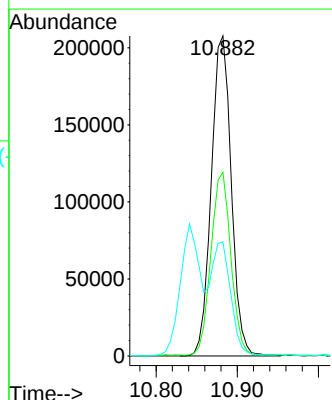
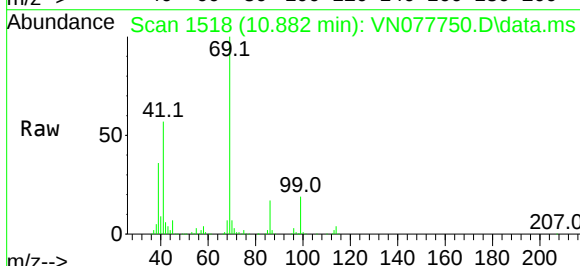
Tgt Ion: 69 Resp: 354517

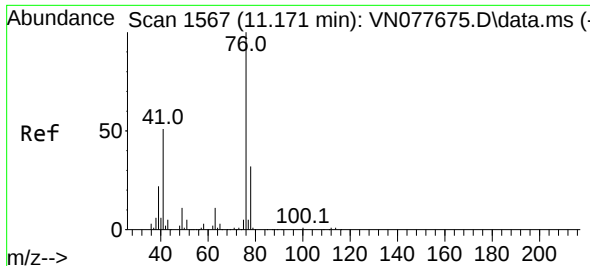
Ion Ratio Lower Upper

69 100

41 57.2 39.6 59.4

39 36.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 48.880 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

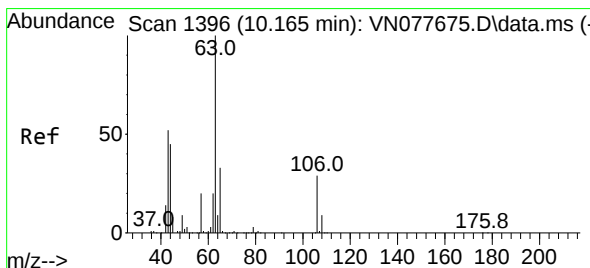
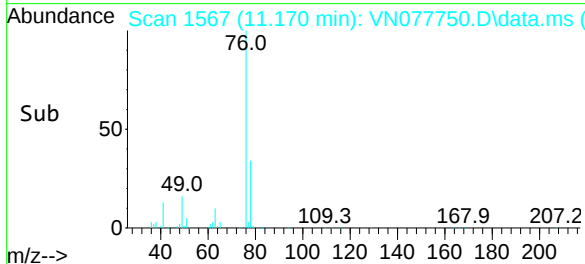
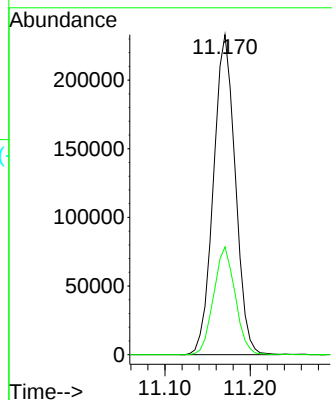
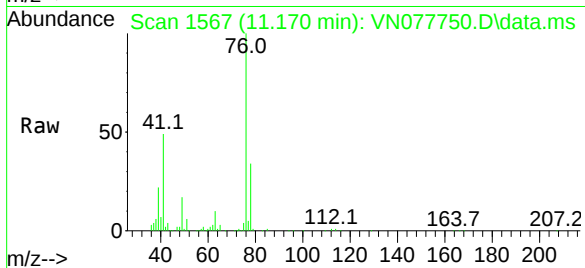
VSTDCCC050EC

Tgt Ion: 76 Resp: 415365

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 221.180 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077750.D

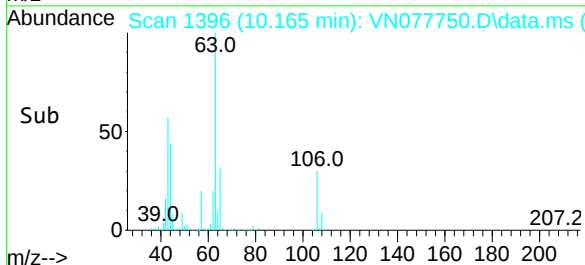
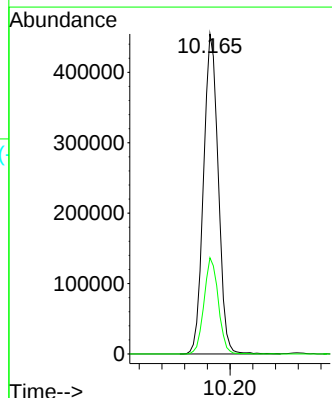
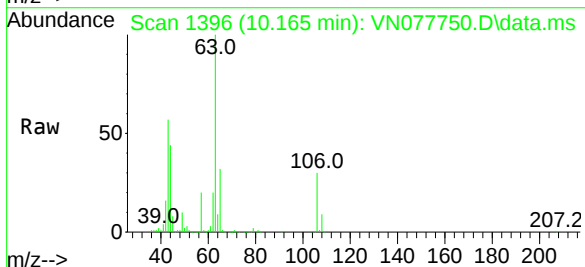
Acq: 18 May 2023 20:38

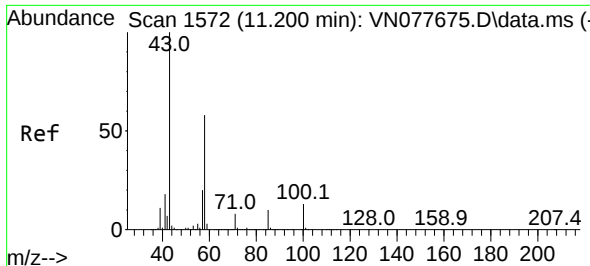
Tgt Ion: 63 Resp: 815509

Ion Ratio Lower Upper

63 100

106 29.2 26.2 39.4

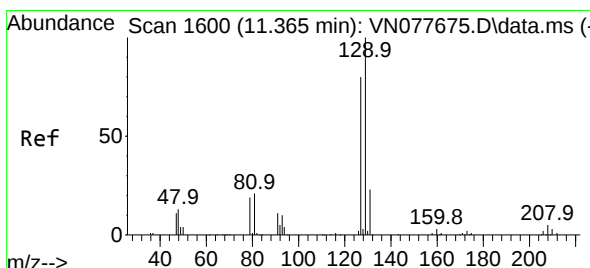
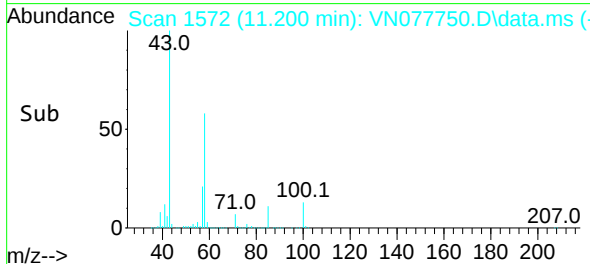
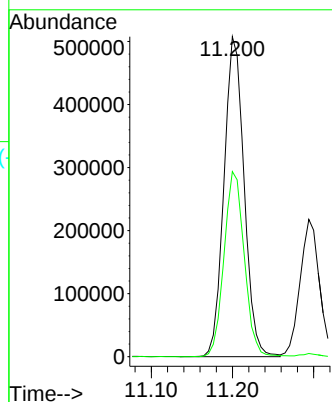
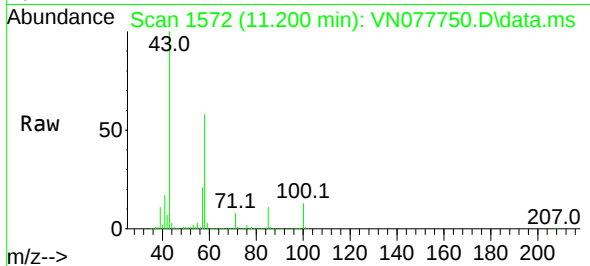




#59
2-Hexanone
Concen: 201.305 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

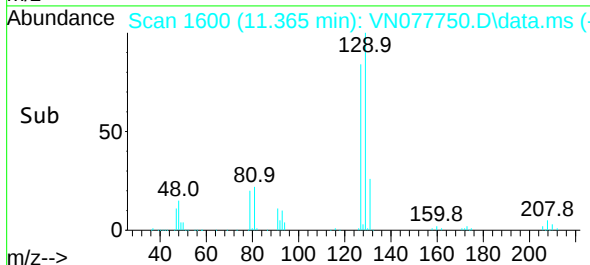
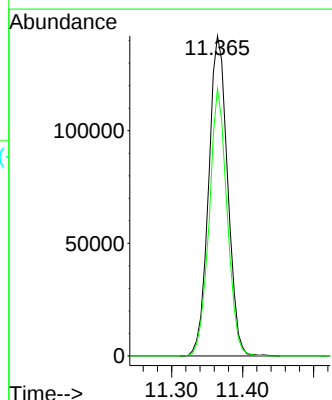
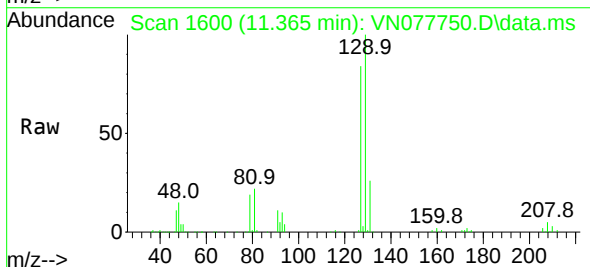
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

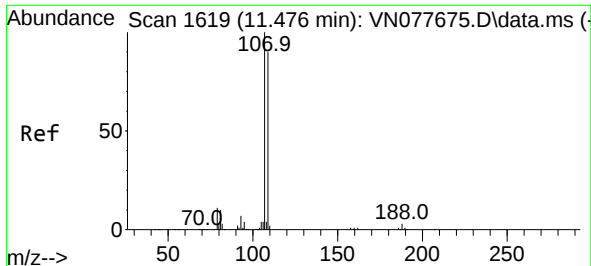
Tgt Ion: 43 Resp: 875591
Ion Ratio Lower Upper
43 100
58 58.2 31.7 95.1



#60
Dibromochloromethane
Concen: 51.457 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 129 Resp: 263311
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

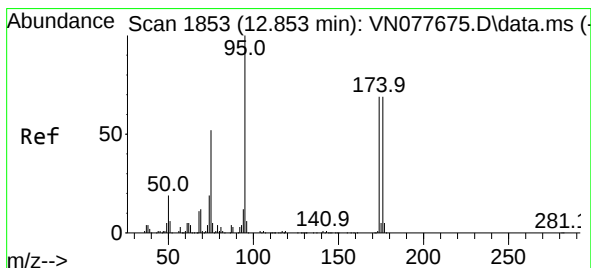
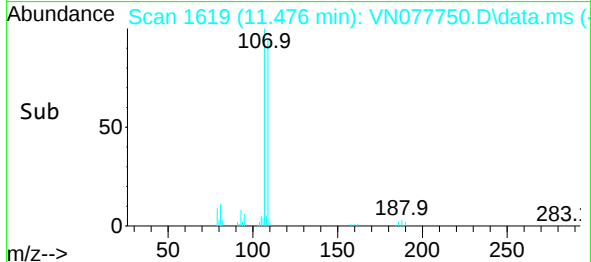
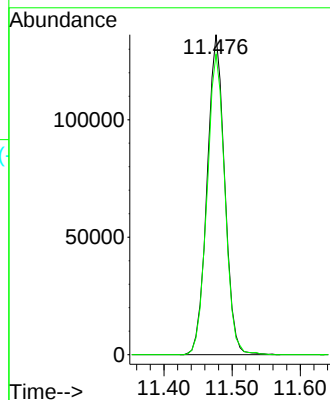
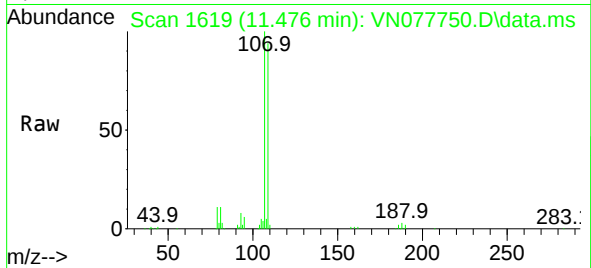




#61
1,2-Dibromoethane
Concen: 49.363 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

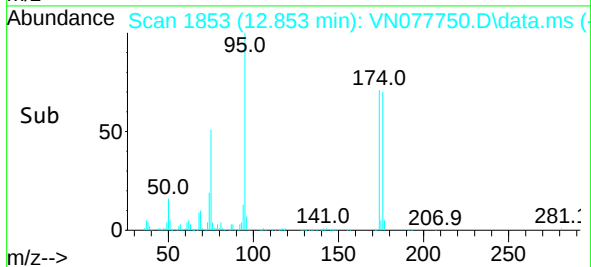
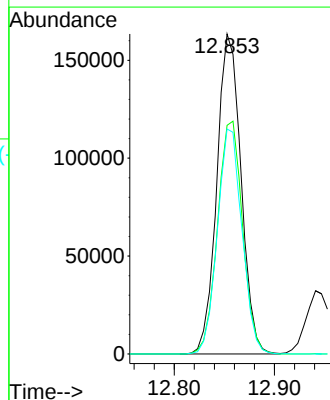
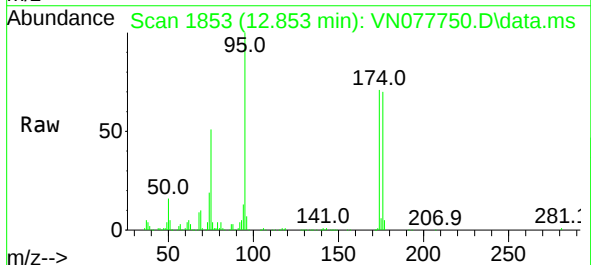
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

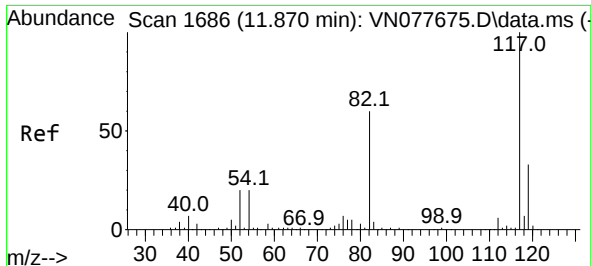
Tgt Ion:107 Resp: 244102
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 43.379 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 95 Resp: 273966
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.4 0.0 135.8

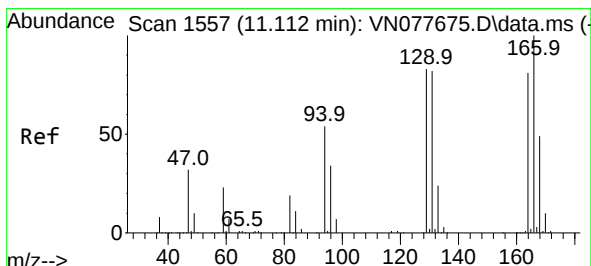
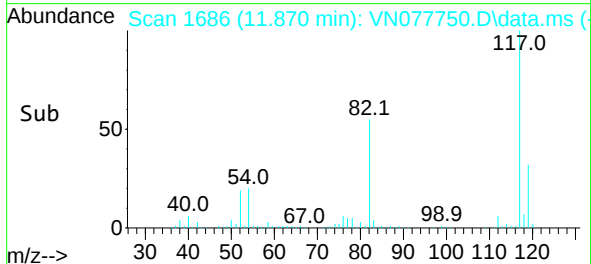
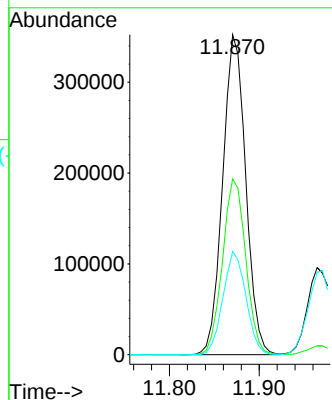
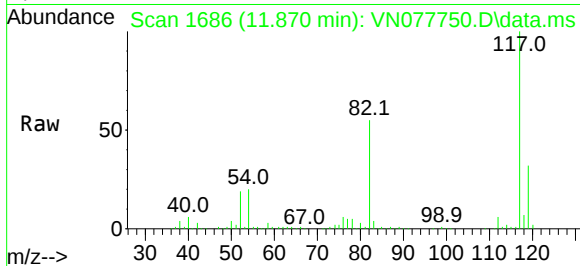




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

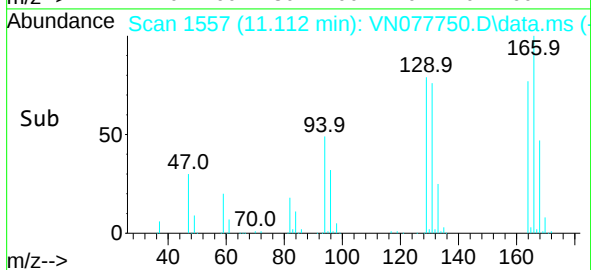
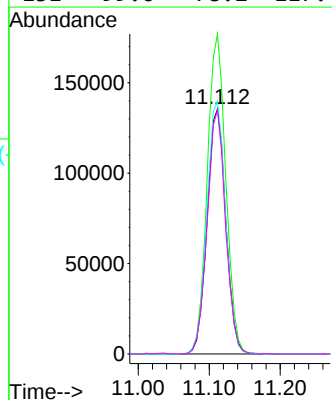
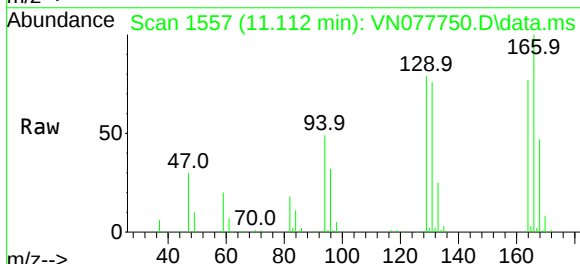
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

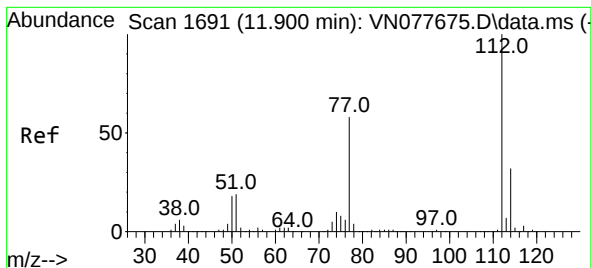
Tgt Ion:117 Resp: 628876
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 56.432 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion:164 Resp: 248183
Ion Ratio Lower Upper
164 100
166 130.7 101.4 152.0
129 103.3 82.4 123.6
131 99.6 78.2 117.4





#65

Chlorobenzene

Concen: 48.964 ug/l

RT: 11.900 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

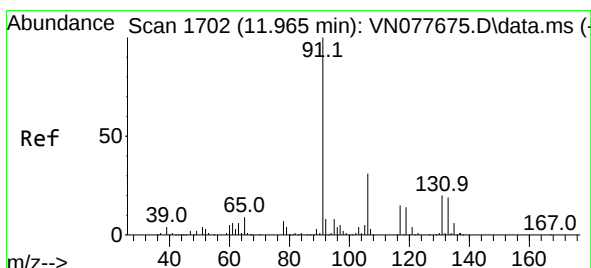
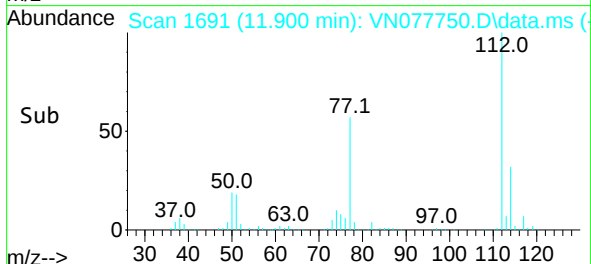
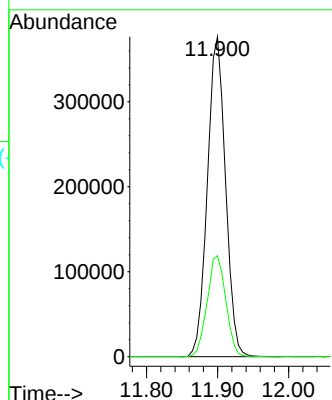
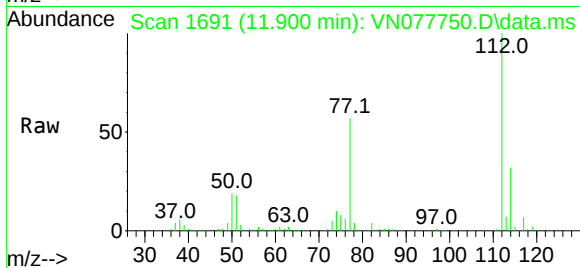
VSTDCCC050EC

Tgt Ion:112 Resp: 667546

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 53.393 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

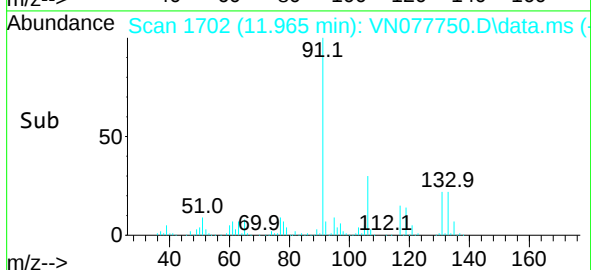
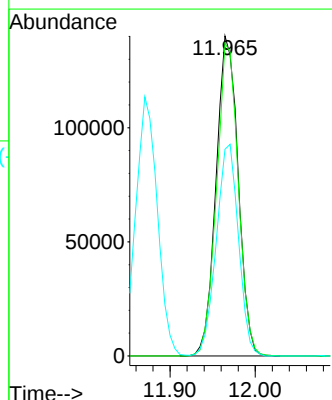
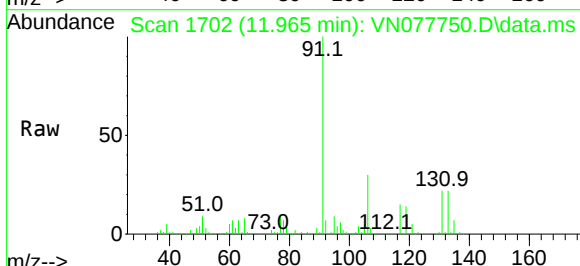
Tgt Ion:131 Resp: 251871

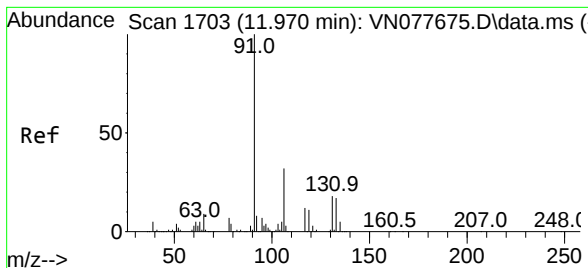
Ion Ratio Lower Upper

131 100

133 96.2 46.4 139.1

119 66.7 34.1 102.2

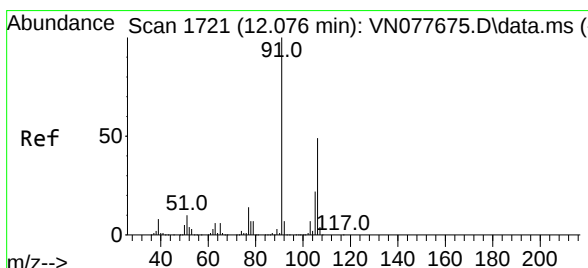
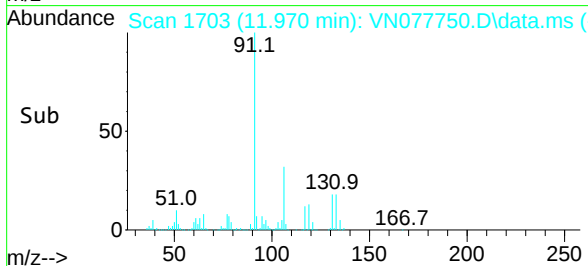
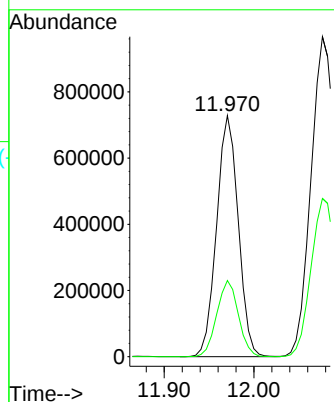
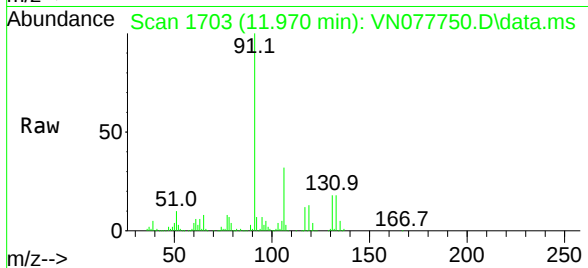




#67
Ethyl Benzene
Concen: 49.937 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

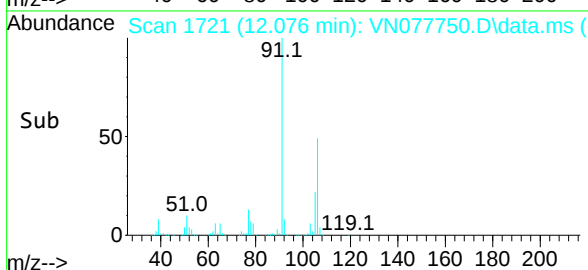
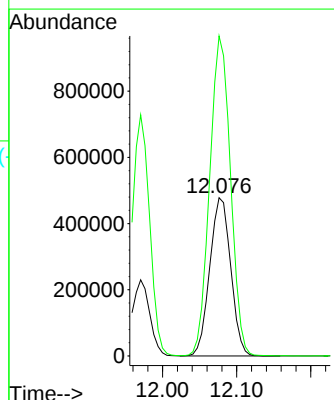
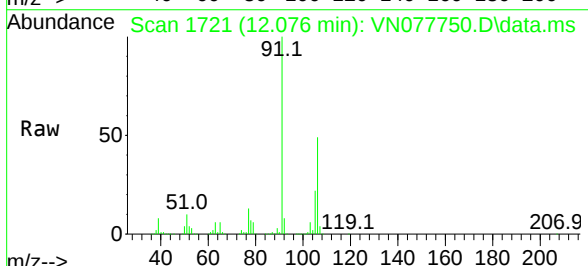
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

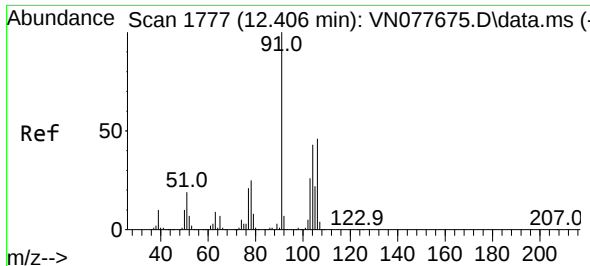
Tgt Ion: 91 Resp: 1220036
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4



#68
m/p-Xylenes
Concen: 101.485 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion:106 Resp: 939482
Ion Ratio Lower Upper
106 100
91 200.8 159.6 239.4

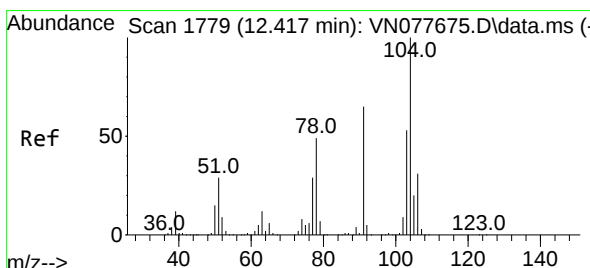
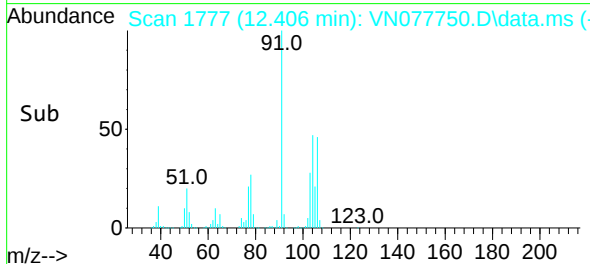
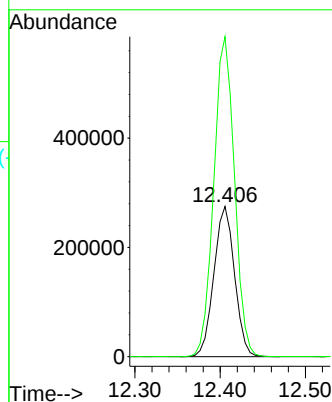
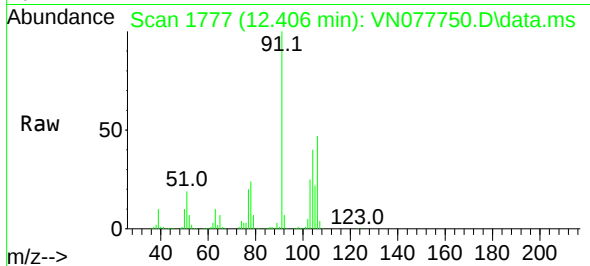




#69
o-Xylene
Concen: 50.791 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

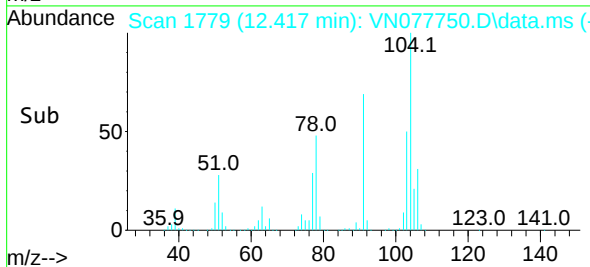
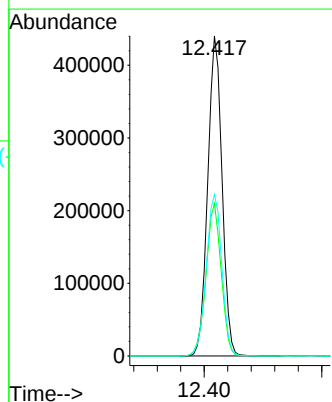
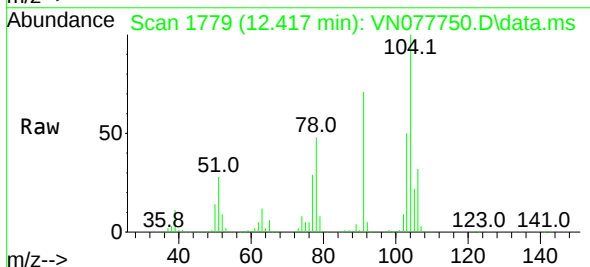
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

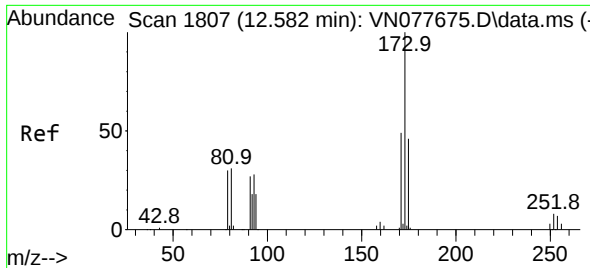
Tgt Ion:106 Resp: 462409
Ion Ratio Lower Upper
106 100
91 213.7 105.2 315.5



#70
Styrene
Concen: 51.413 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion:104 Resp: 743559
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.2 43.2 64.8

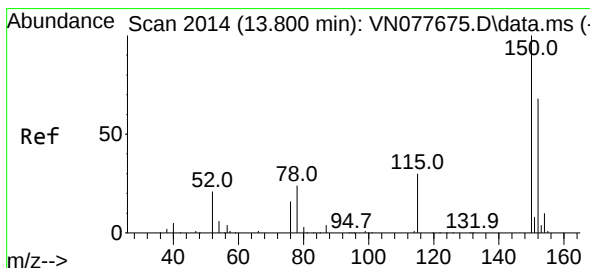
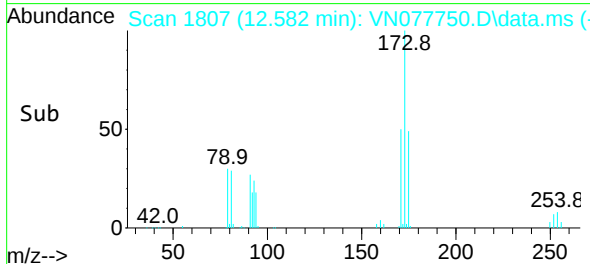
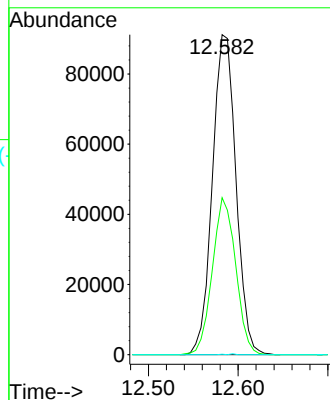
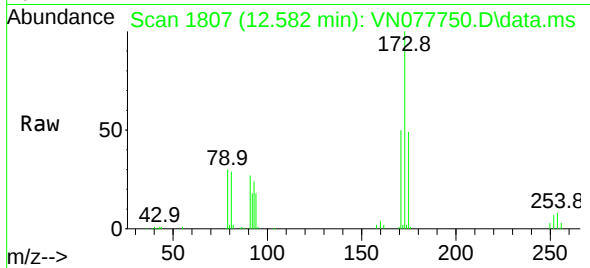




#71
Bromoform
Concen: 53.043 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

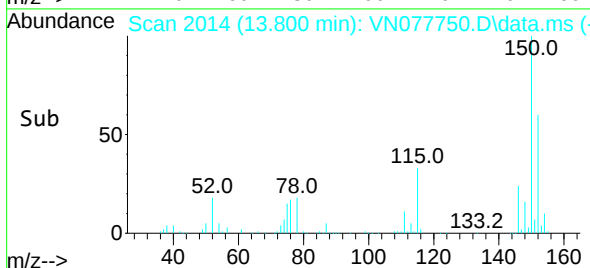
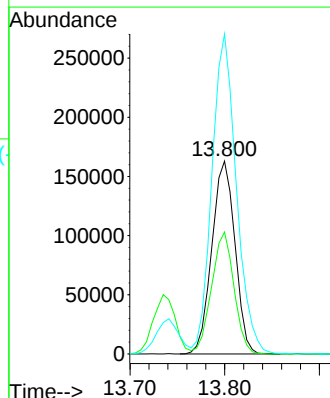
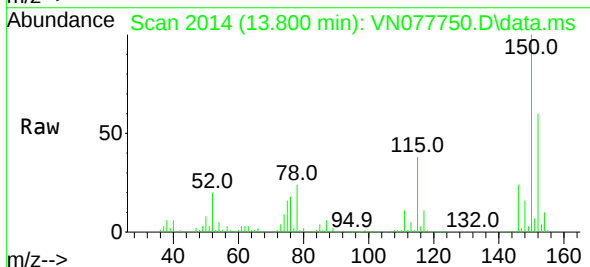
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

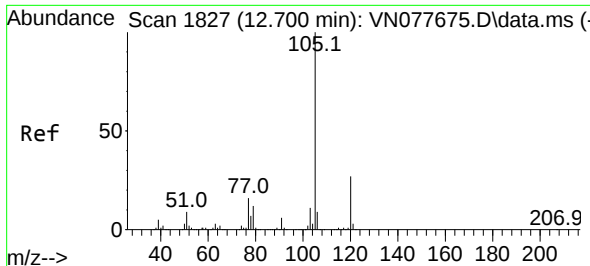
Tgt Ion:173 Resp: 166453
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion:152 Resp: 276628
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 175.0 0.0 355.8

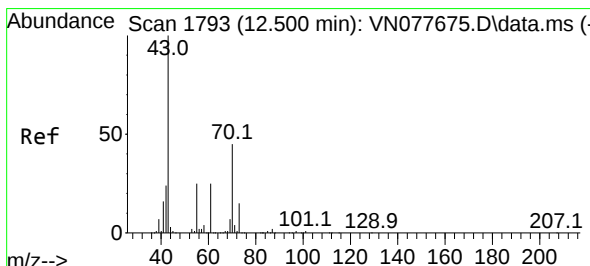
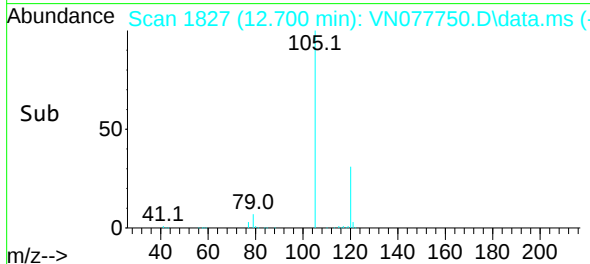
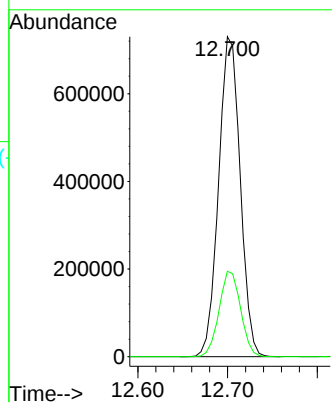
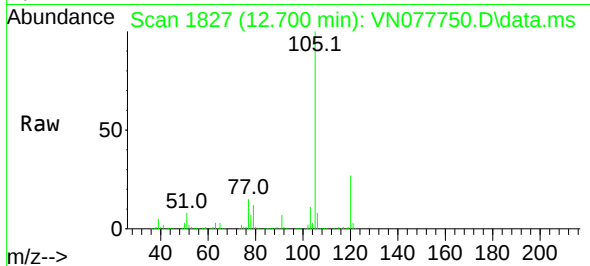




#73
Isopropylbenzene
Concen: 51.163 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

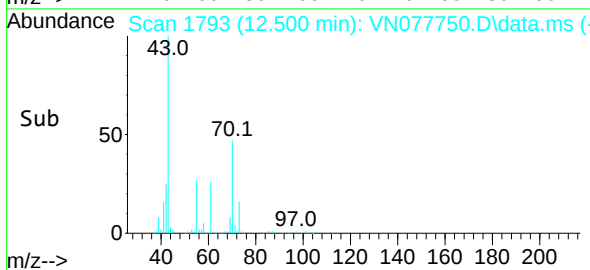
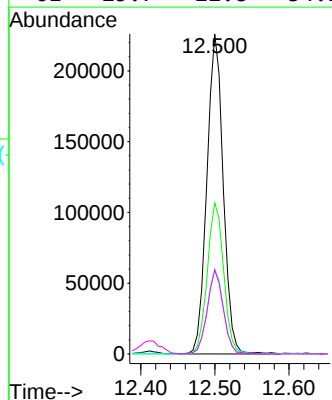
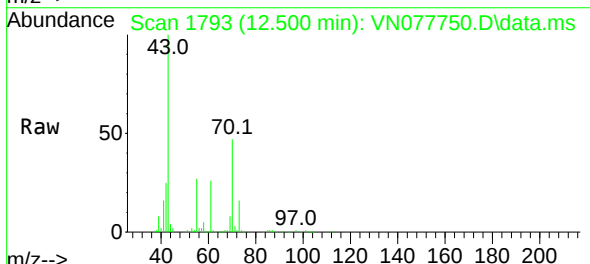
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

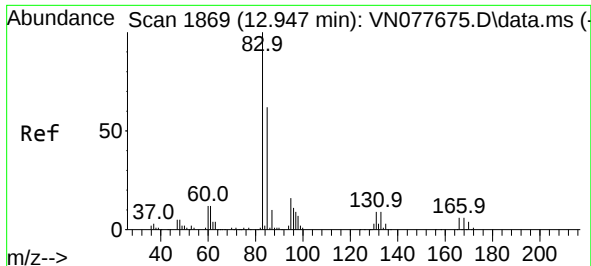
Tgt Ion:105 Resp: 1220013
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 39.283 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 43 Resp: 346242
Ion Ratio Lower Upper
43 100
70 47.3 43.4 65.2
55 26.4 21.4 32.0
61 25.7 22.8 34.2

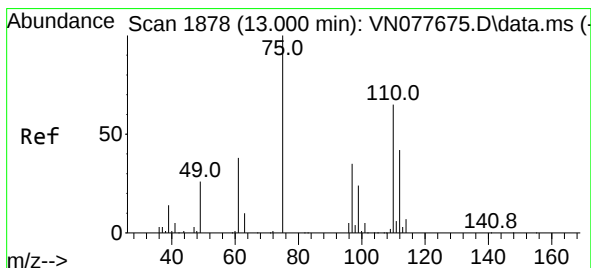
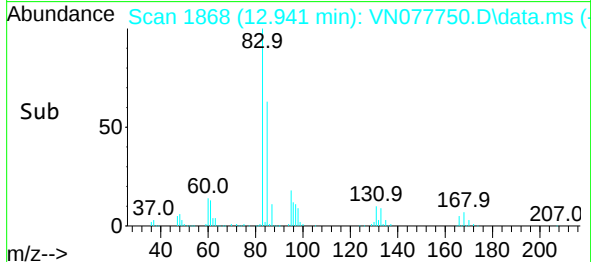
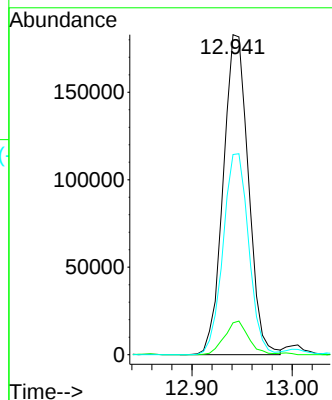
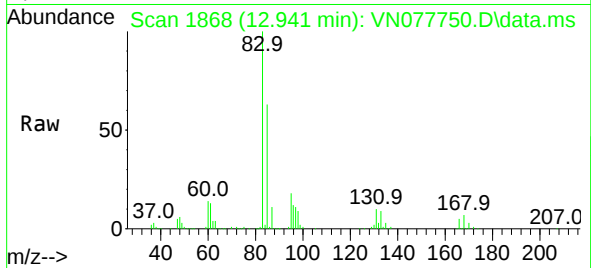




#75
1,1,2,2-Tetrachloroethane
Concen: 43.446 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

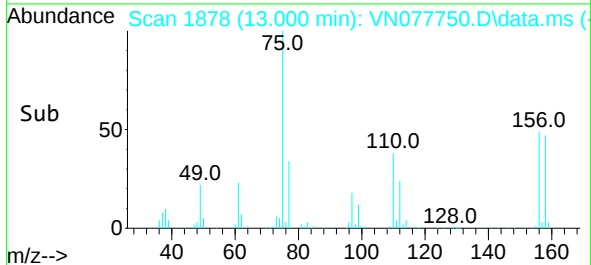
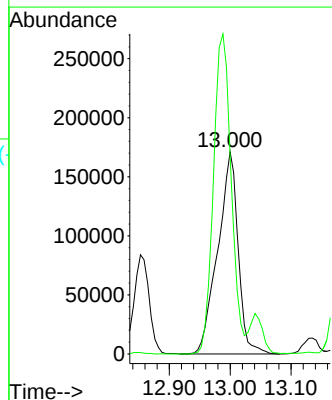
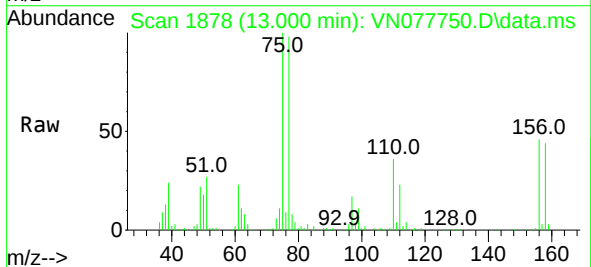
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

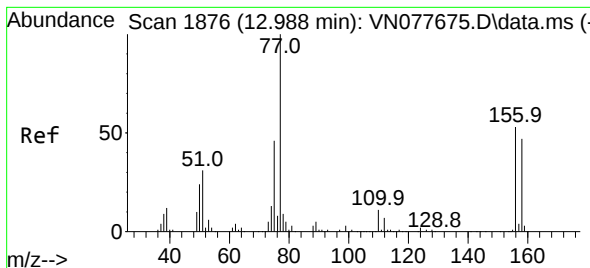
Tgt Ion: 83 Resp: 318711
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 57.281 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 75 Resp: 396827
Ion Ratio Lower Upper
75 100
77 138.0 84.5 253.5





#77

Bromobenzene

Concen: 48.700 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

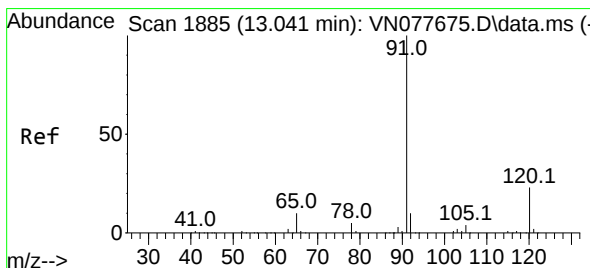
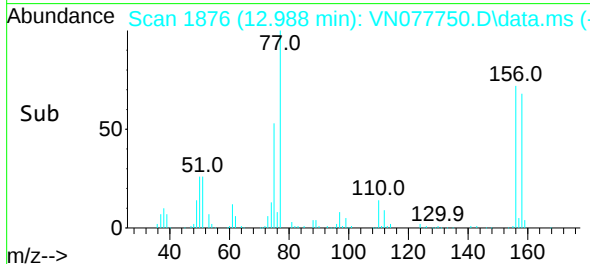
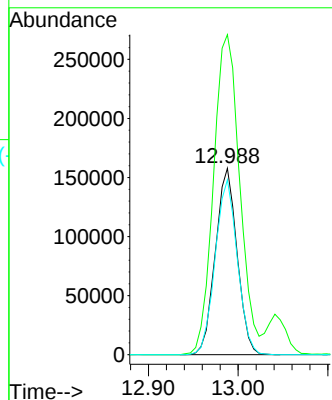
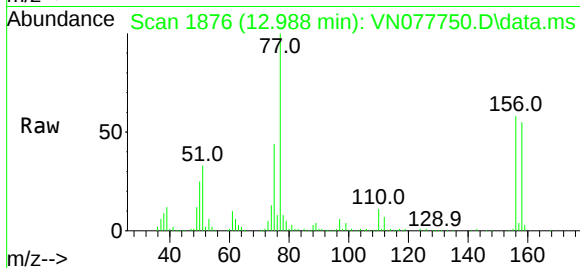
Tgt Ion:156 Resp: 265009

Ion Ratio Lower Upper

156 100

77 206.7 107.7 323.3

158 96.0 48.4 145.3



#78

n-propylbenzene

Concen: 49.536 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN077750.D

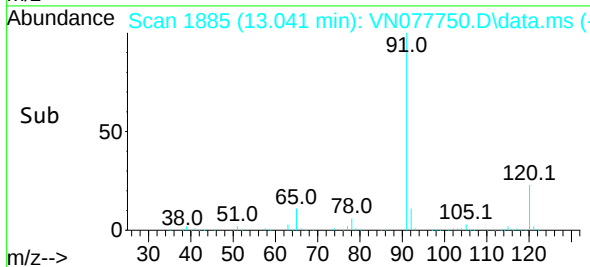
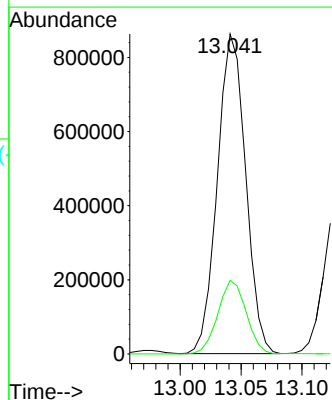
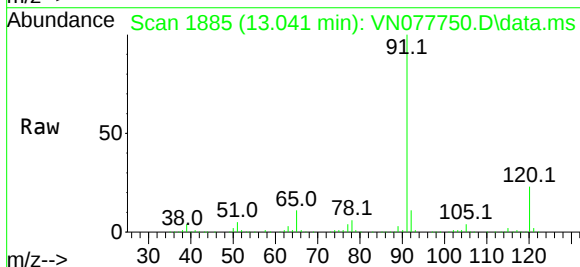
Acq: 18 May 2023 20:38

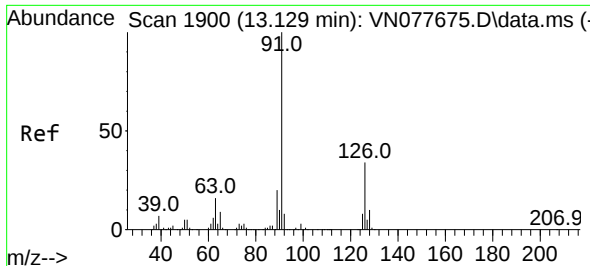
Tgt Ion: 91 Resp: 1392575

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

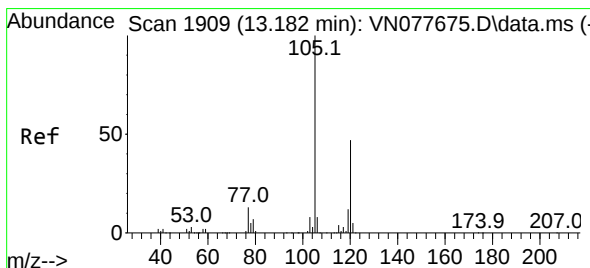
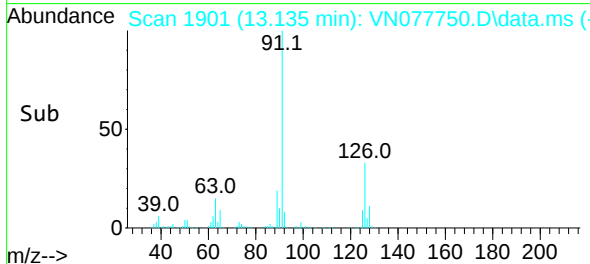
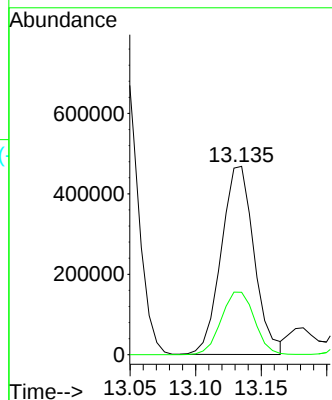
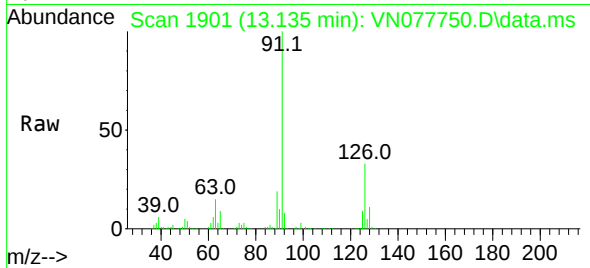




#79
2-Chlorotoluene
Concen: 48.722 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

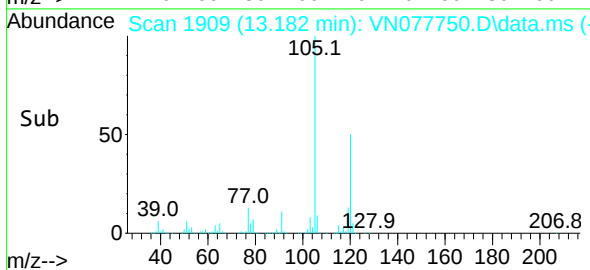
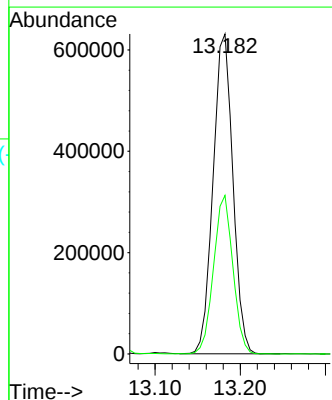
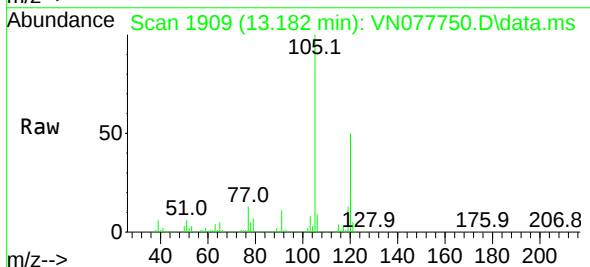
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

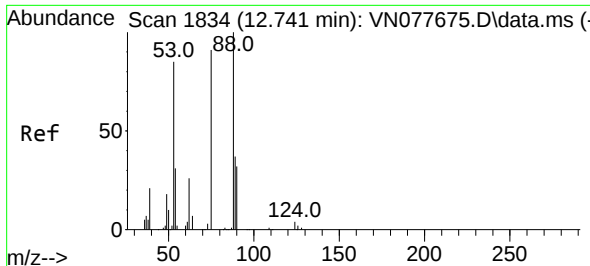
Tgt Ion: 91 Resp: 817314
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.775 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 105 Resp: 1017595
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

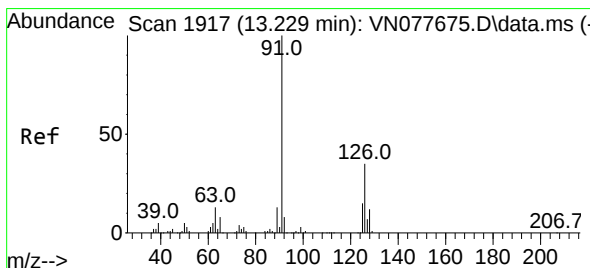
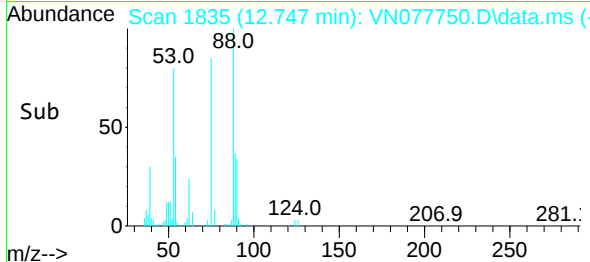
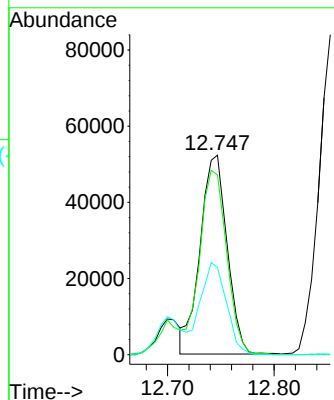
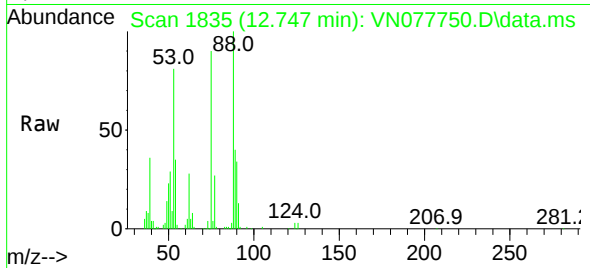




#81
trans-1,4-Dichloro-2-butene
Concen: 42.520 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

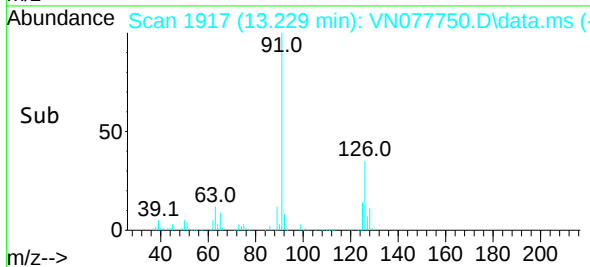
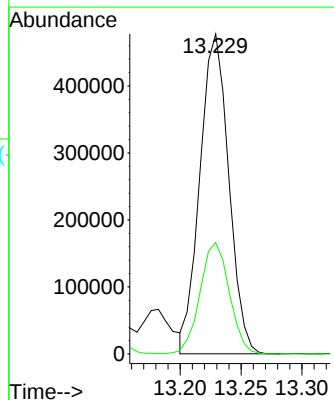
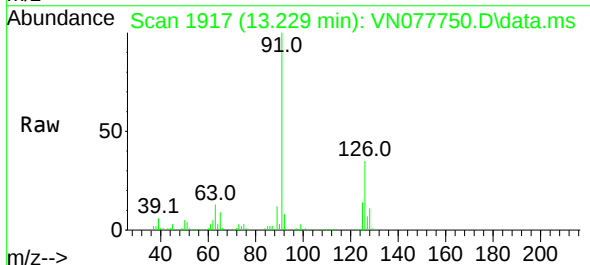
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

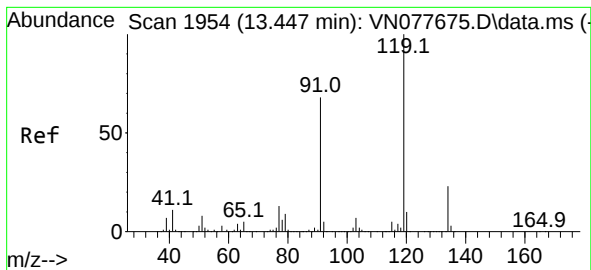
Tgt Ion: 75 Resp: 92152
Ion Ratio Lower Upper
75 100
53 93.6 67.4 101.2
89 44.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.102 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077750.D
Acq: 18 May 2023 20:38

Tgt Ion: 91 Resp: 786159
Ion Ratio Lower Upper
91 100
126 35.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 50.745 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

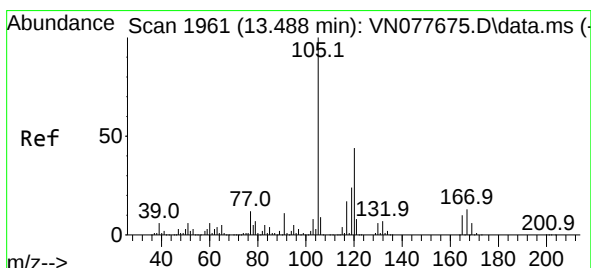
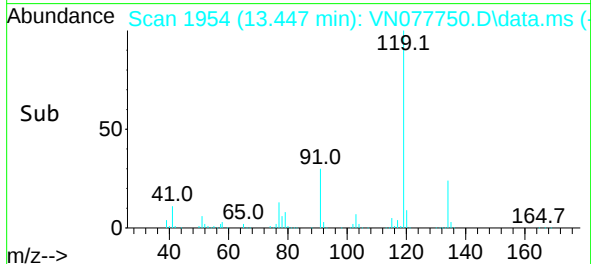
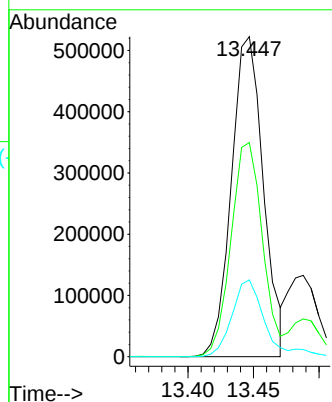
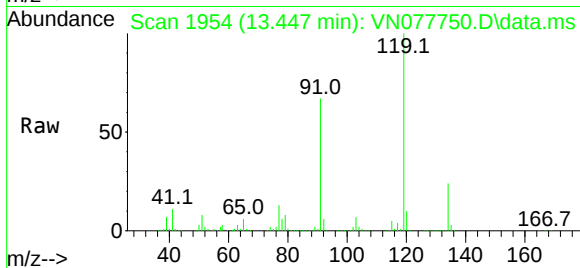
Tgt Ion:119 Resp: 887829

Ion Ratio Lower Upper

119 100

91 65.6 33.9 101.7

134 24.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.812 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN077750.D

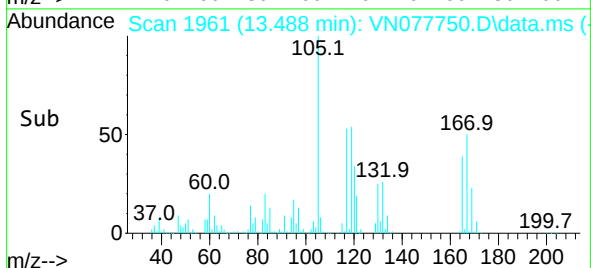
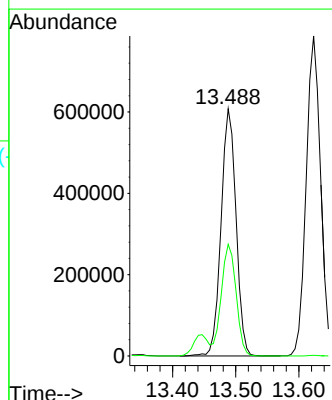
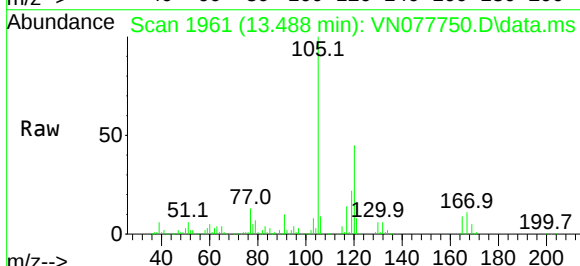
Acq: 18 May 2023 20:38

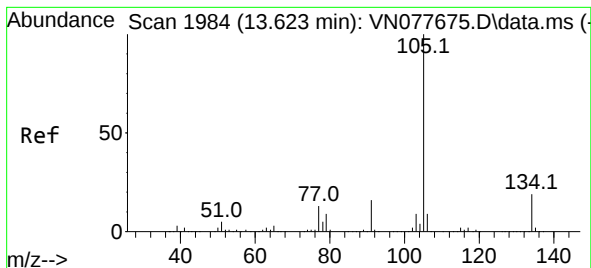
Tgt Ion:105 Resp: 1001522

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.139 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

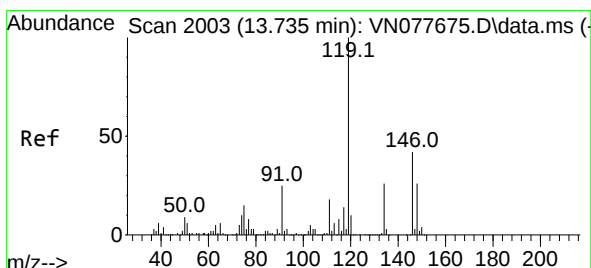
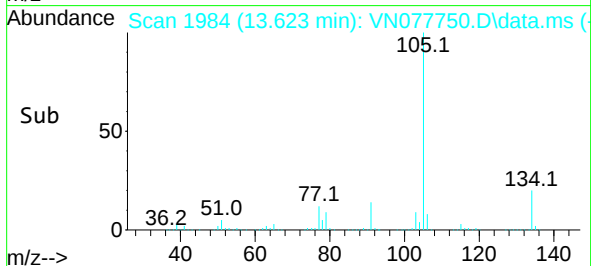
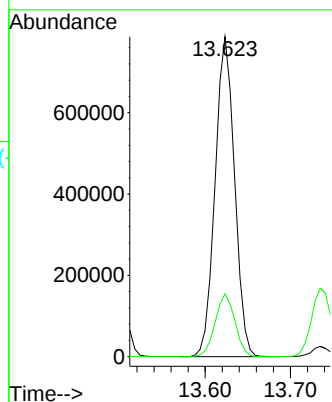
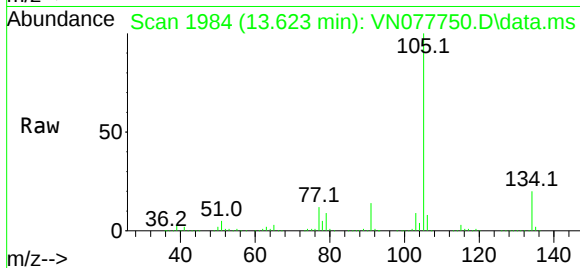
VSTDCCC050EC

Tgt Ion:105 Resp: 1246687

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.741 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

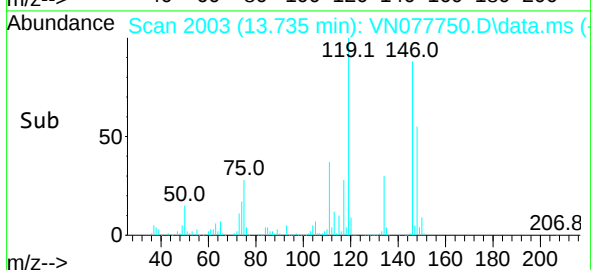
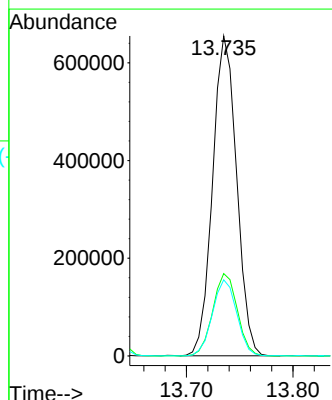
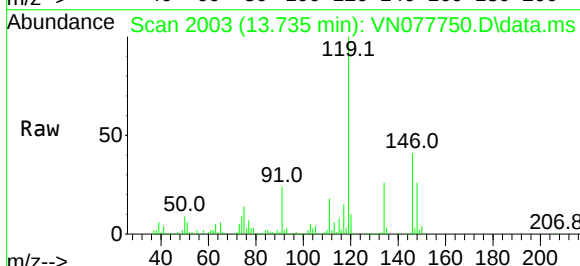
Tgt Ion:119 Resp: 1025650

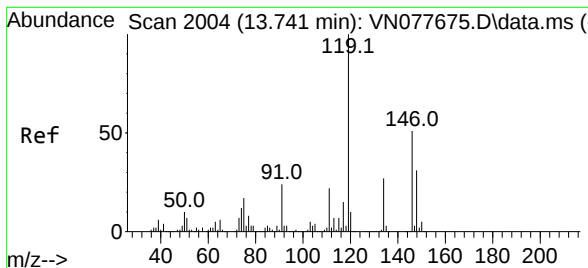
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.208 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

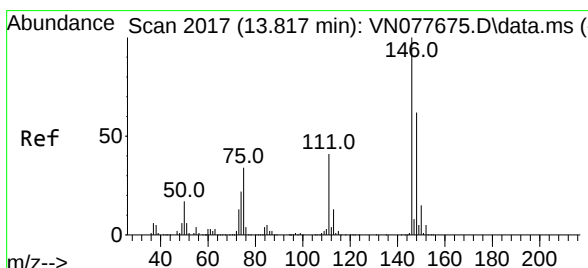
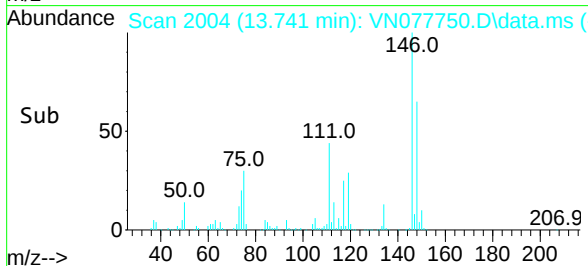
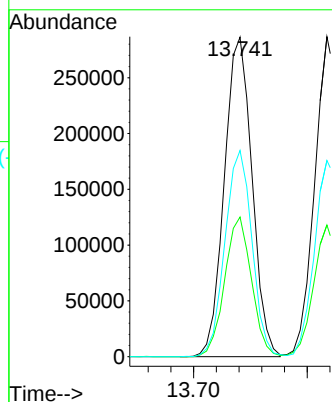
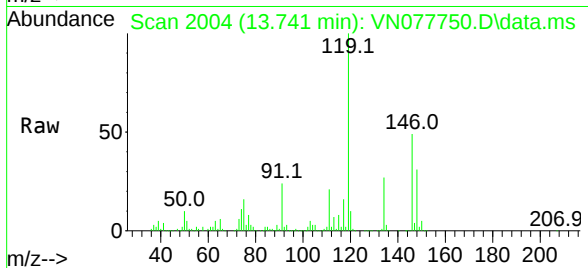
Tgt Ion:146 Resp: 485144

Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.3

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.147 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

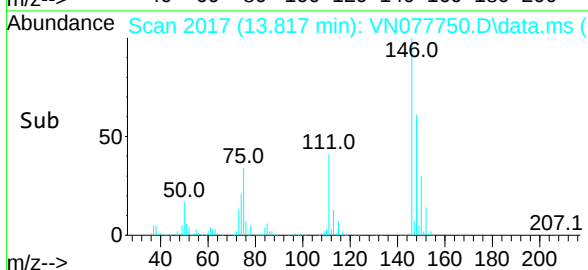
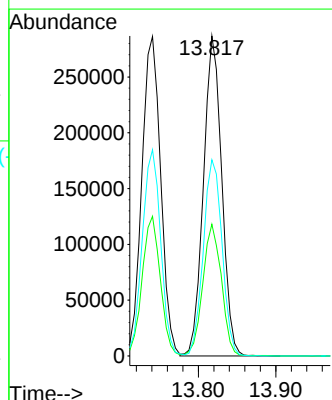
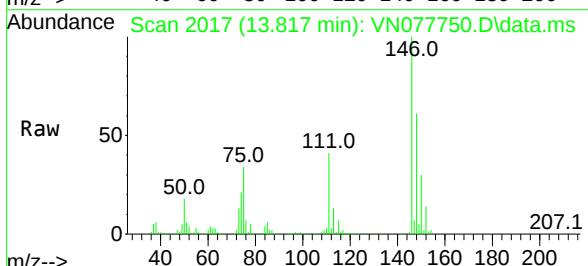
Tgt Ion:146 Resp: 470829

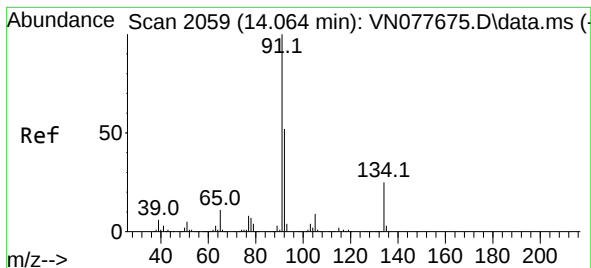
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.8

148 62.9 31.6 94.8





#89

n-Butylbenzene

Concen: 47.328 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

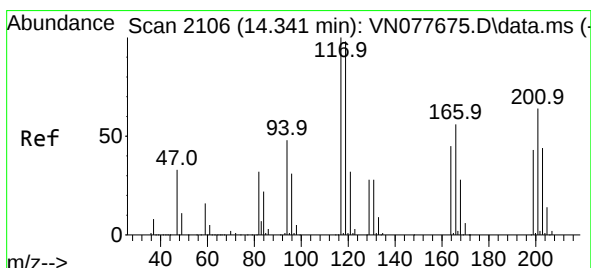
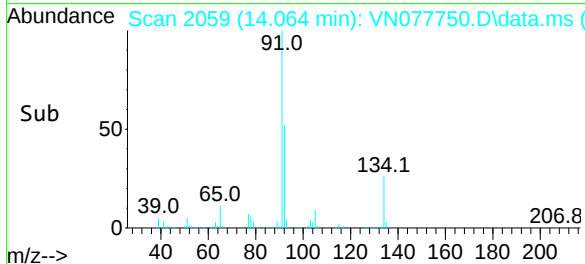
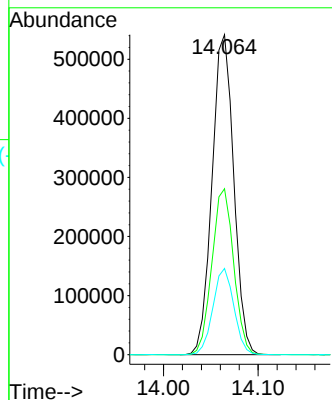
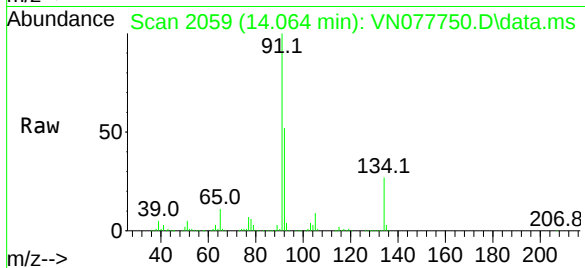
Tgt Ion: 91 Resp: 862915

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 52.600 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077750.D

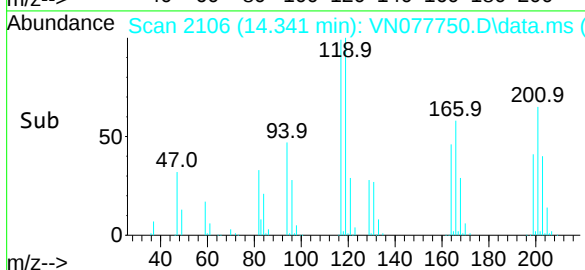
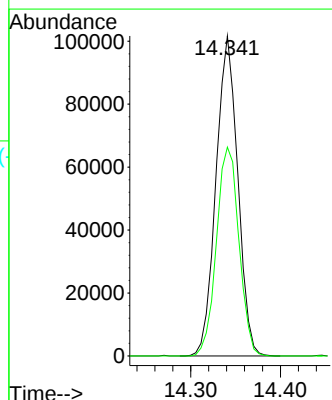
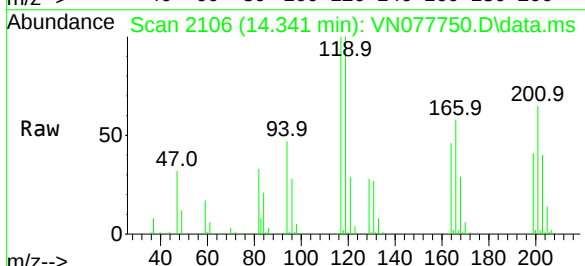
Acq: 18 May 2023 20:38

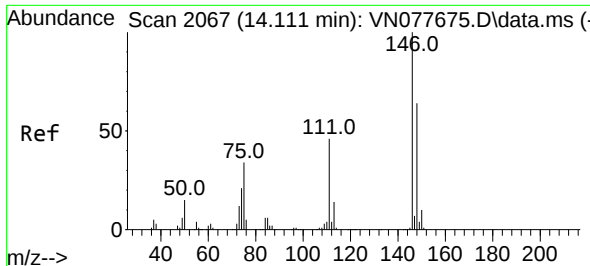
Tgt Ion: 117 Resp: 171289

Ion Ratio Lower Upper

117 100

201 67.4 29.3 88.0

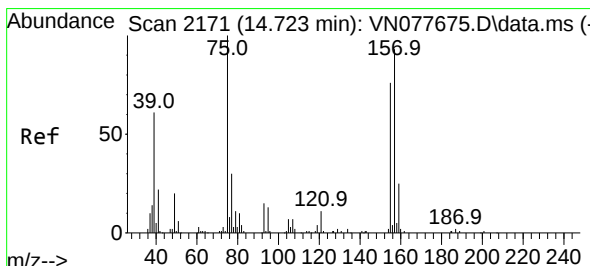
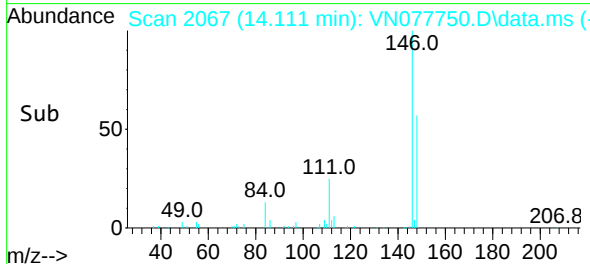
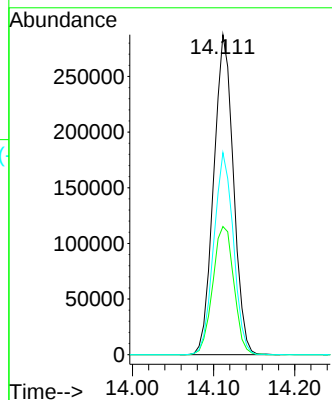
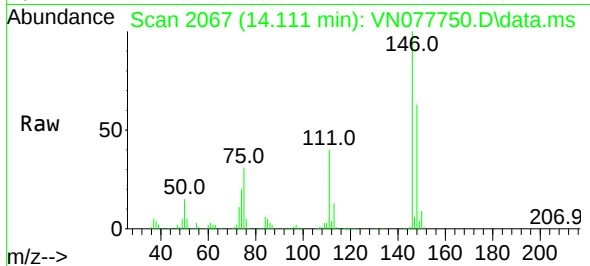




#91
 1,2-Dichlorobenzene
 Concen: 51.768 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN077750.D
 Acq: 18 May 2023 20:38

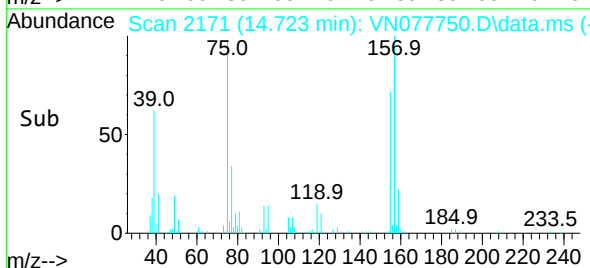
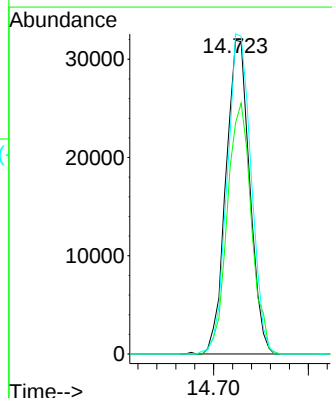
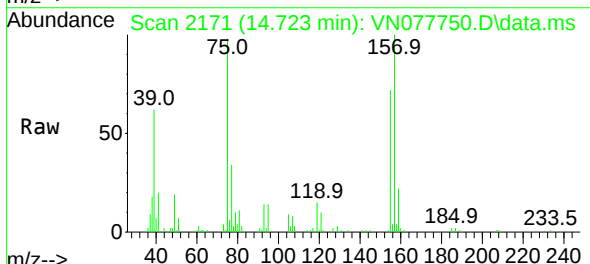
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

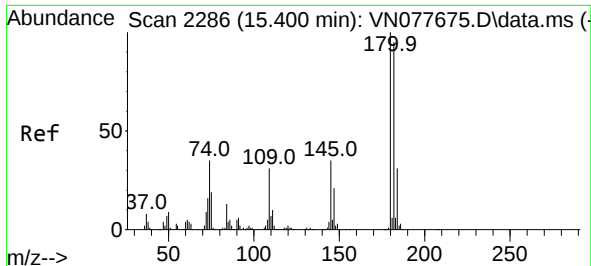
Tgt Ion:146 Resp: 486690
 Ion Ratio Lower Upper
 146 100
 111 42.7 22.0 66.0
 148 62.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.223 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN077750.D
 Acq: 18 May 2023 20:38

Tgt Ion: 75 Resp: 55705
 Ion Ratio Lower Upper
 75 100
 155 81.0 39.1 117.2
 157 102.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 41.170 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

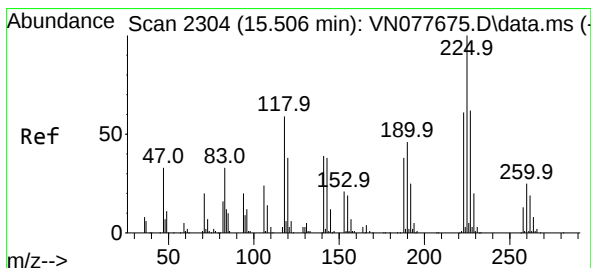
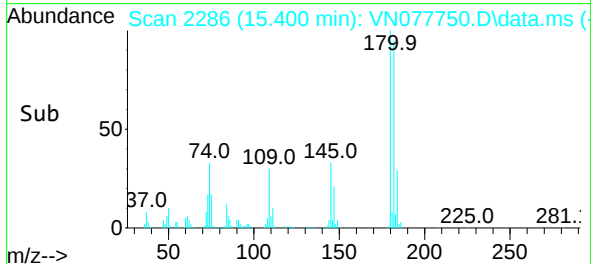
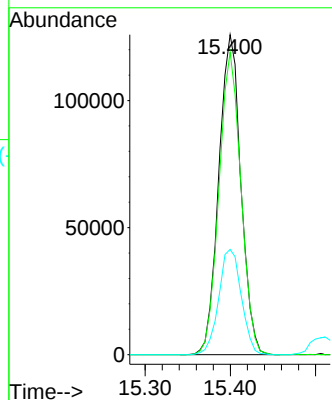
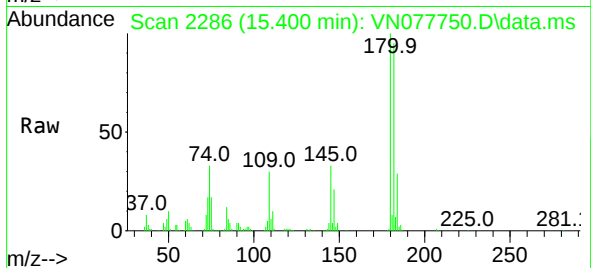
Tgt Ion:180 Resp: 226187

Ion Ratio Lower Upper

180 100

182 94.1 46.1 138.2

145 33.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 48.481 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

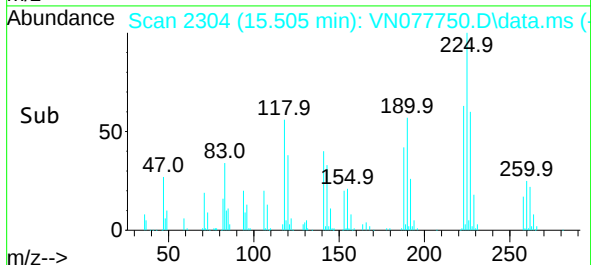
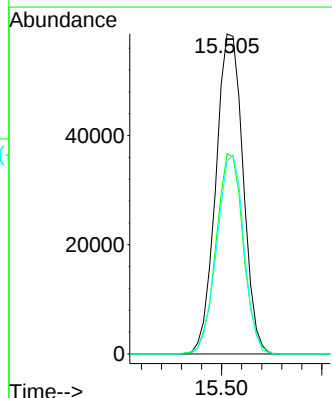
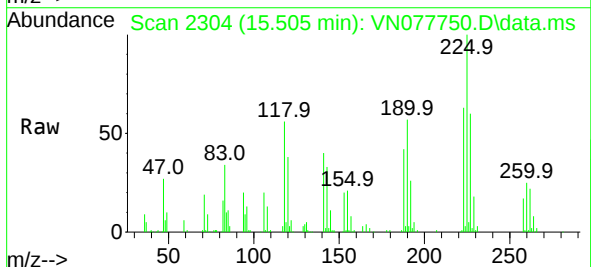
Tgt Ion:225 Resp: 110590

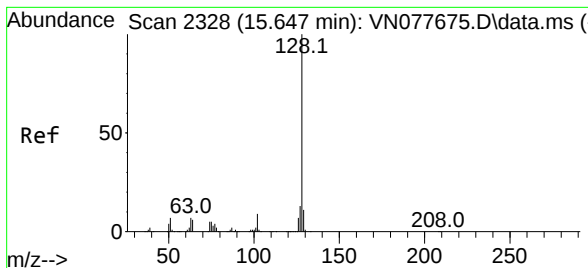
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

227 61.5 31.9 95.9





#95

Naphthalene

Concen: 34.630 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

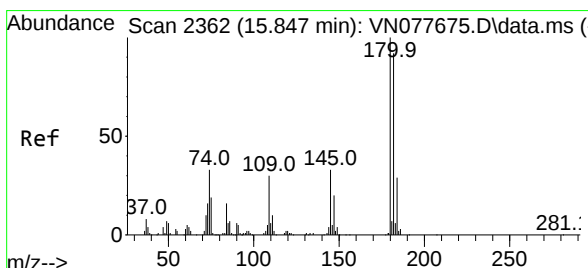
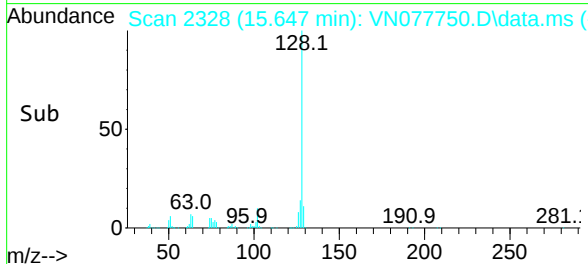
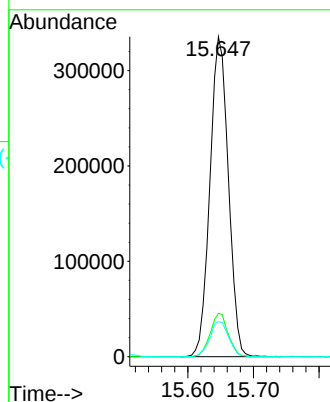
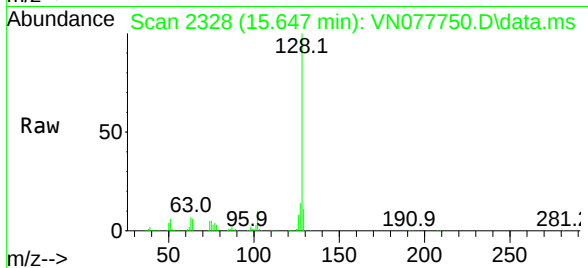
Tgt Ion:128 Resp: 654870

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 42.044 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077750.D

Acq: 18 May 2023 20:38

Tgt Ion:180 Resp: 226162

Ion Ratio Lower Upper

180 100

182 94.5 46.2 138.6

145 34.2 17.5 52.6

