

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075446.D
 Acq On : 28 Nov 2022 14:11
 Operator : JC\MD
 Sample : N5757-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137D7-20221121

Quant Time: Nov 29 05:31:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

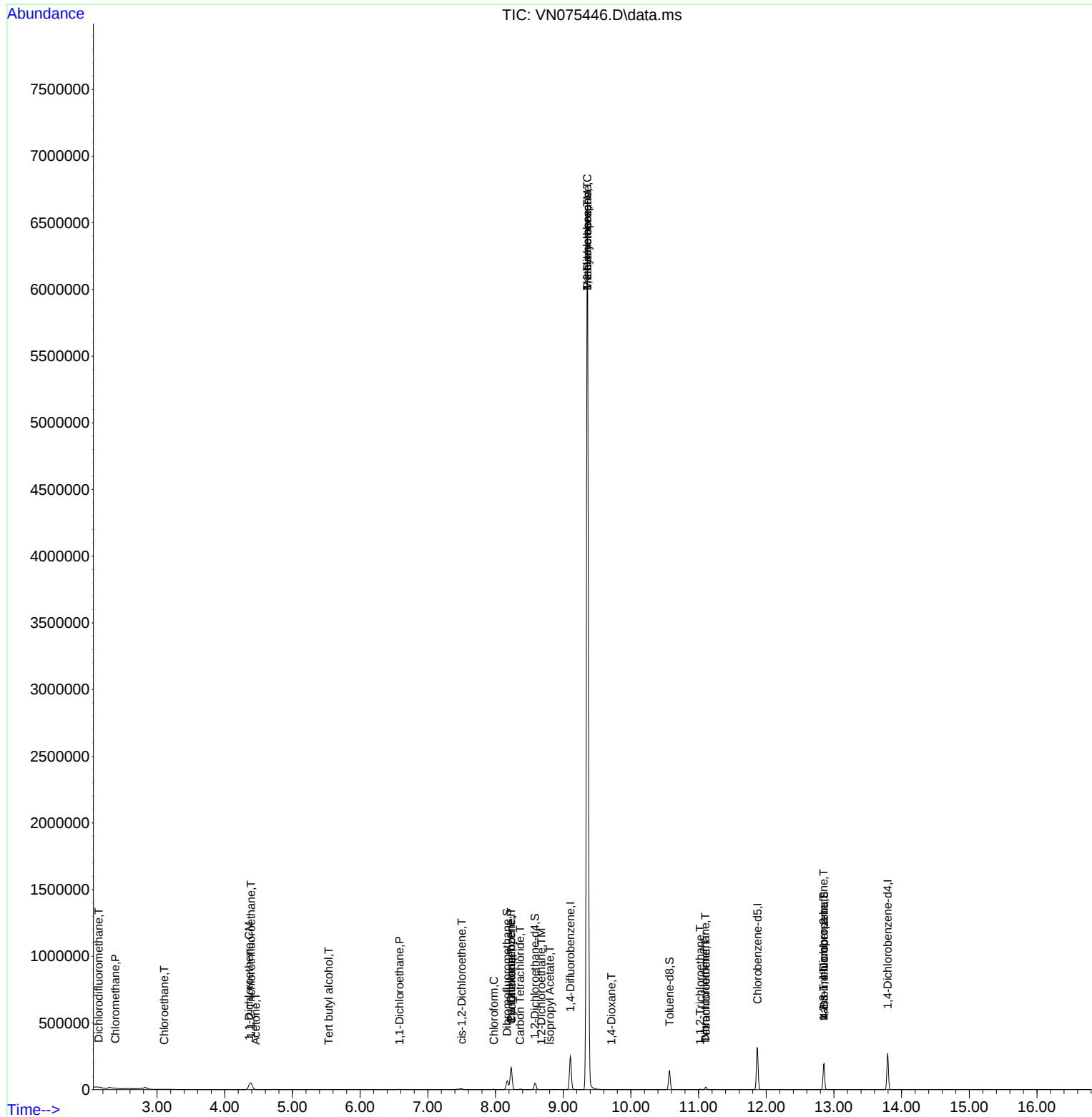
Internal Standards						
1) Pentafluorobenzene	8.229	168	123409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	197902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39364	59.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.840%			
35) Dibromofluoromethane	8.171	113	47285	52.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	10.570	98	101278	50.123	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.853	95	66567	44.634	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	284	0.301	ug/l #	59
3) Chloromethane	2.383	50	257	0.219	ug/l #	42
6) Chloroethane	3.106	64	672	0.599	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.389	101	33194	28.442	ug/l	96
11) Tert butyl alcohol	5.536	59	270	0.971	ug/l #	72
12) 1,1-Dichloroethene	4.359	96	8811	7.710	ug/l	87
16) Acetone	4.459	43	681	1.102	ug/l #	43
18) Methyl Acetate	5.053	43	945	Below Cal	#	47
20) Methylene Chloride	5.294	84	194	Below Cal	#	50
24) 1,1-Dichloroethane	6.583	63	3824	1.766	ug/l #	86
27) cis-1,2-Dichloroethene	7.500	96	4587	3.115	ug/l	91
30) Chloroform	7.977	83	3119	1.254	ug/l	92
31) Cyclohexane	8.235	56	2505	1.190	ug/l #	23
36) 1,1-Dichloropropene	8.229	75	9638	4.926	ug/l #	52
38) Carbon Tetrachloride	8.365	117	3229	1.502	ug/l	89
39) Methylcyclohexane	9.359	83	28962	11.828	ug/l #	1
42) 1,2-Dichloroethane	8.677	62	488	0.243	ug/l #	75
43) Isopropyl Acetate	8.806	43	961	0.340	ug/l #	53
44) Trichloroethene	9.359	130	2347129	1432.044	ug/l	100
45) 1,2-Dichloropropane	9.359	63	7194	5.040	ug/l #	1
49) 1,4-Dioxane	9.712	88	240	6.464	ug/l #	28
55) 1,1,2-Trichloroethane	11.023	97	1314	0.836	ug/l #	94
60) Dibromochloromethane	11.100	129	4074	2.525	ug/l #	11
64) Tetrachloroethene	11.106	164	4818	3.188	ug/l #	84
76) 1,2,3-Trichloropropane	12.847	75	33406	23.308	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	33406	68.962	ug/l #	10

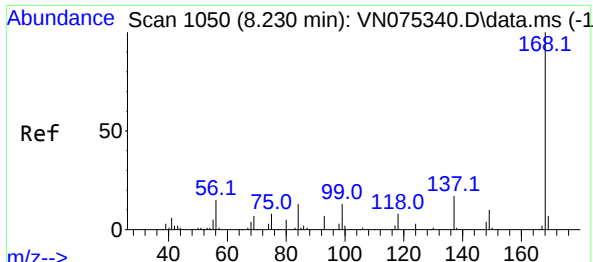
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
Data File : VN075446.D
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Misc : 5.0mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
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RE137D7-20221121

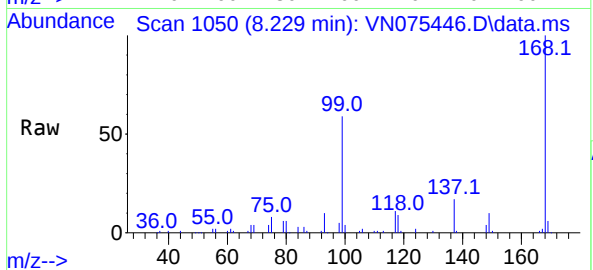
Quant Time: Nov 29 05:31:51 2022
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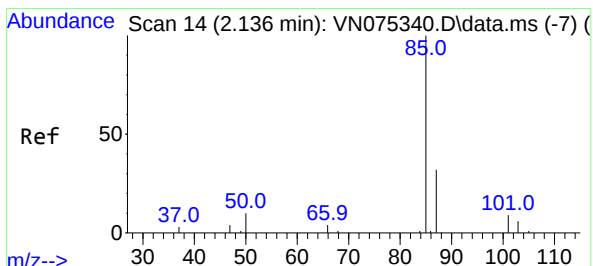
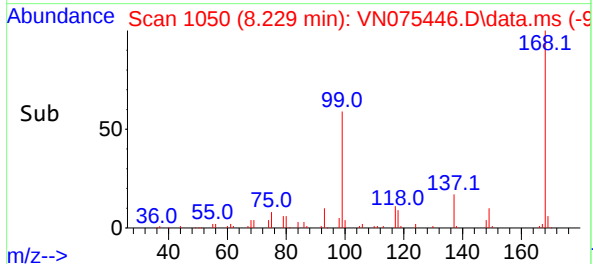
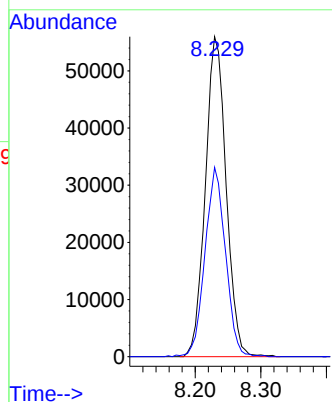


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

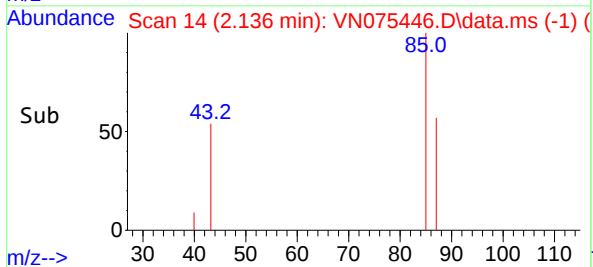
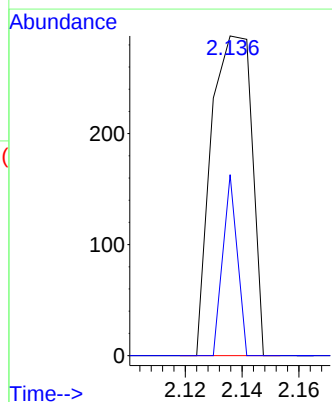
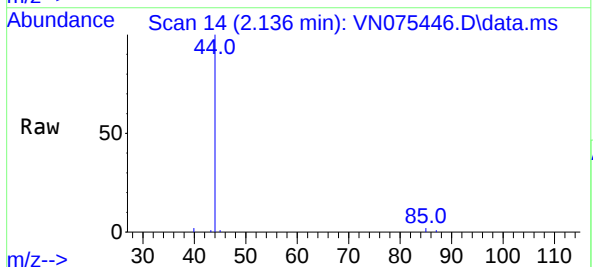


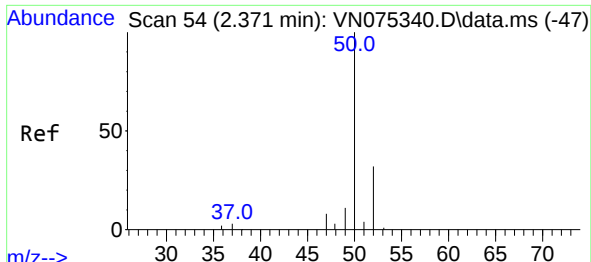
Tgt Ion:168 Resp: 123409
Ion Ratio Lower Upper
168 100
99 59.1 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 0.301 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 85 Resp: 284
Ion Ratio Lower Upper
85 100
87 56.6 16.7 50.0#

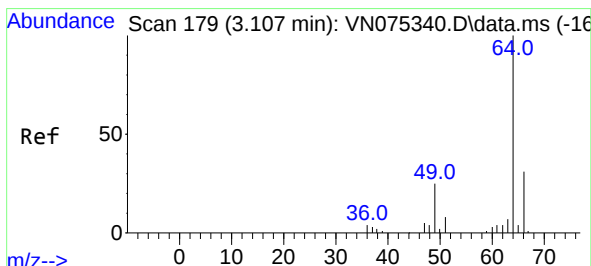
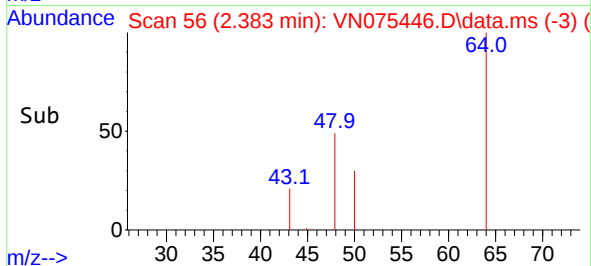
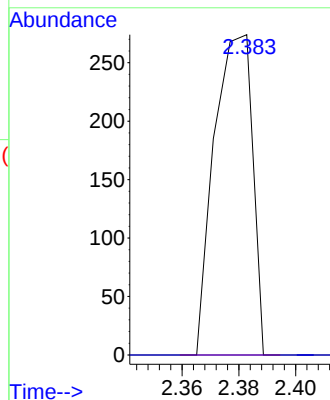
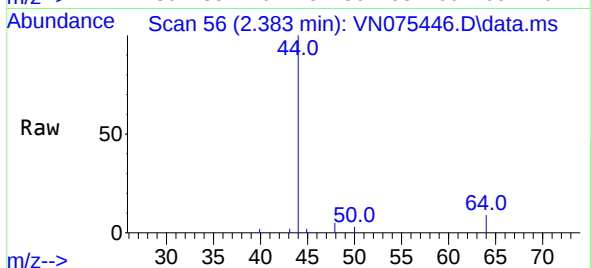




#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

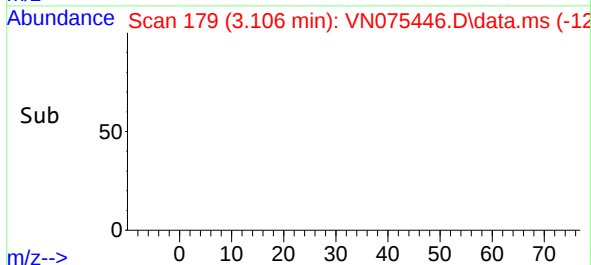
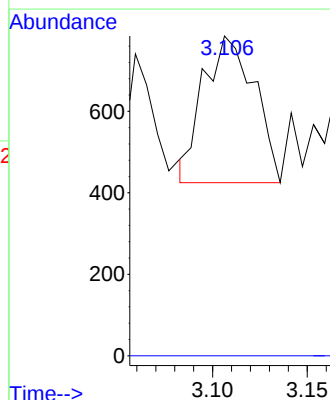
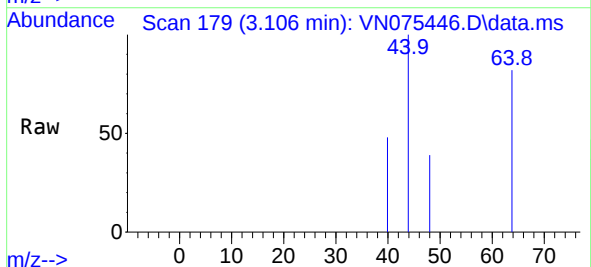
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

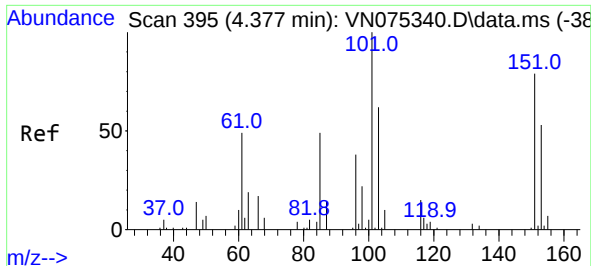
Tgt Ion: 50 Resp: 257
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#



#6
Chloroethane
Concen: 0.599 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 64 Resp: 672
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

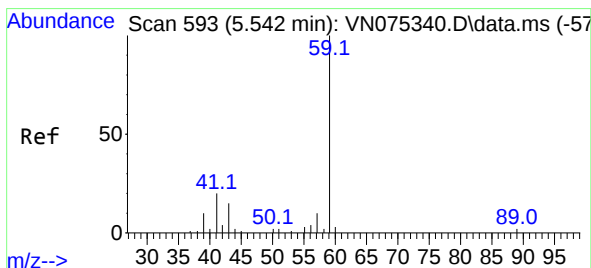
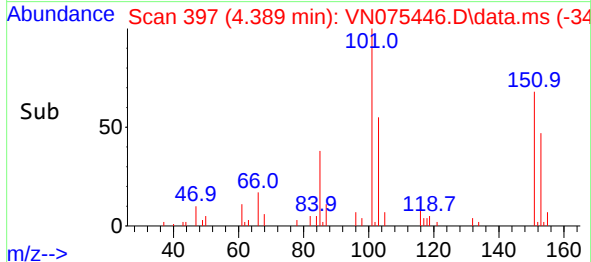
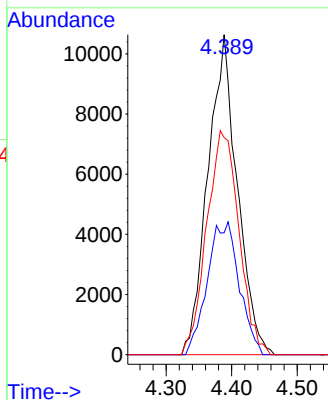
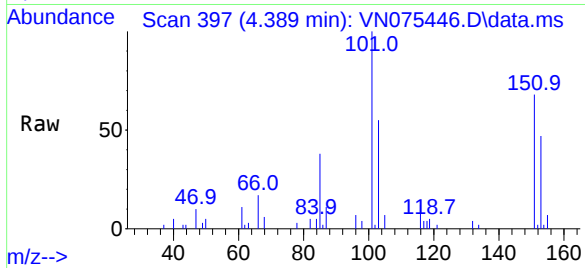




#9
1,1,2-Trichlorotrifluoroethane
Concen: 28.442 ug/l
RT: 4.389 min Scan# 395
Delta R.T. 0.012 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

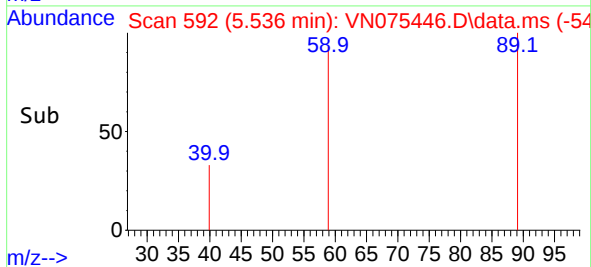
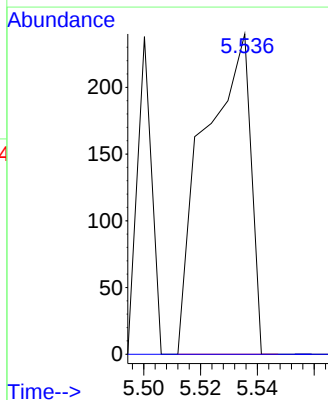
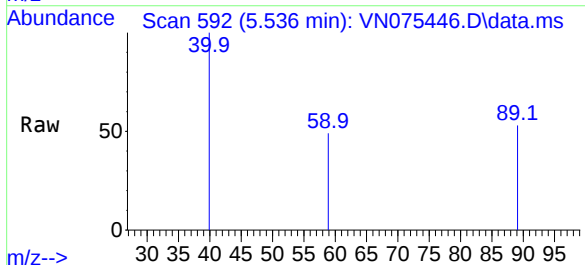
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

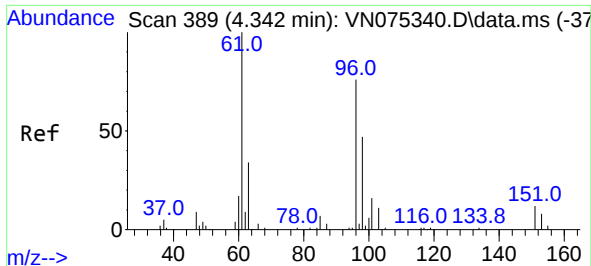
Tgt Ion:101 Resp: 33194
Ion Ratio Lower Upper
101 100
85 44.9 37.6 56.4
151 76.6 58.3 87.5



#11
Tert butyl alcohol
Concen: 0.971 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

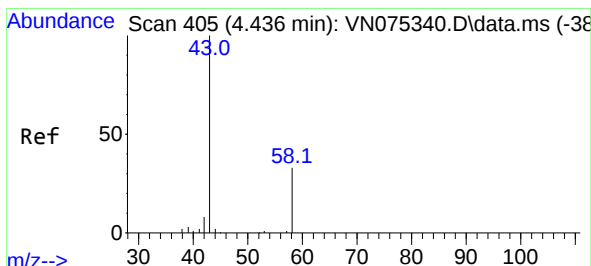
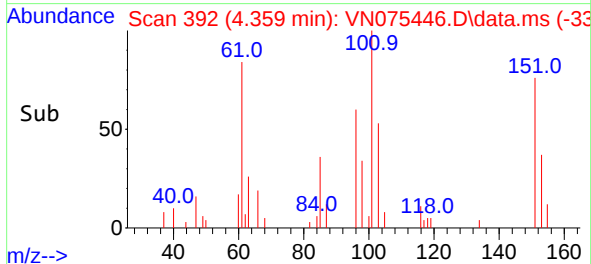
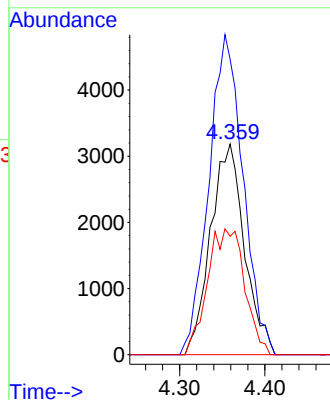
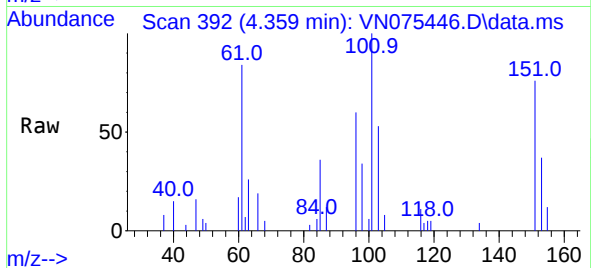




#12
1,1-Dichloroethene
Concen: 7.710 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

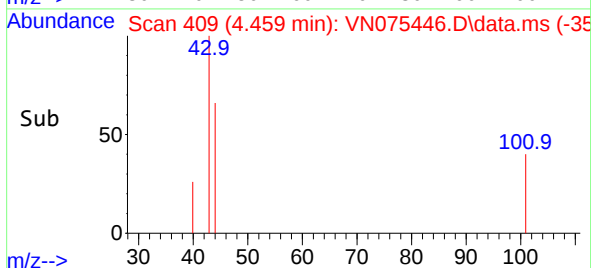
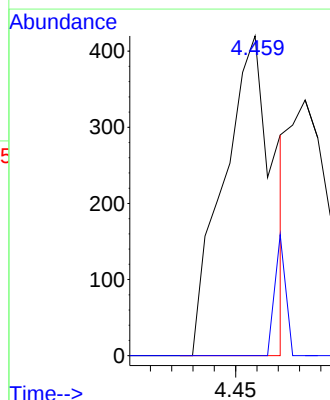
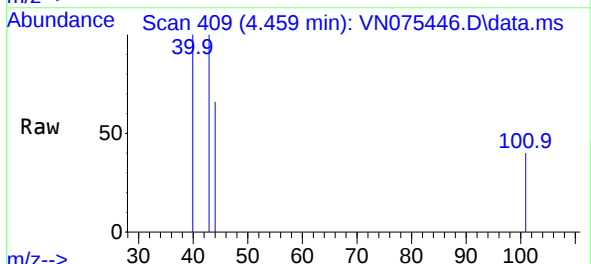
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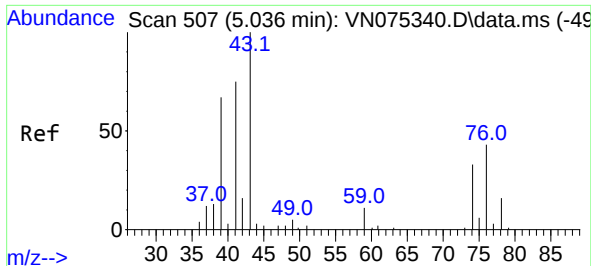
Tgt Ion: 96 Resp: 8811
Ion Ratio Lower Upper
96 100
61 140.2 126.2 189.4
98 56.2 51.5 77.3



#16
Acetone
Concen: 1.102 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.023 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

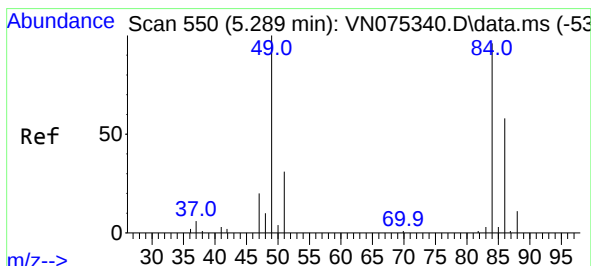
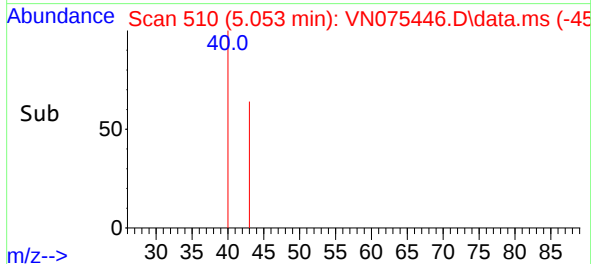
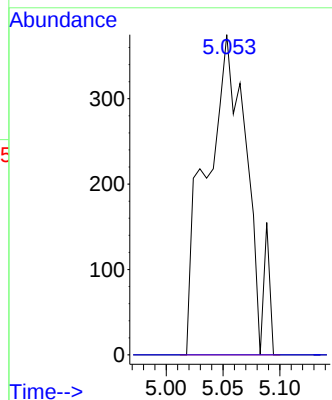
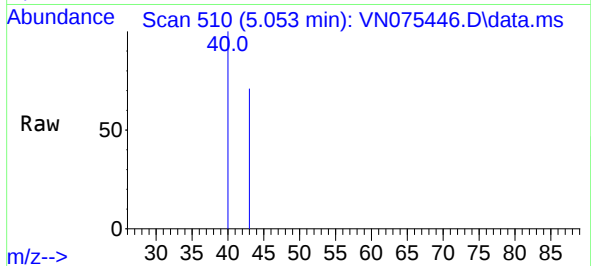




#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

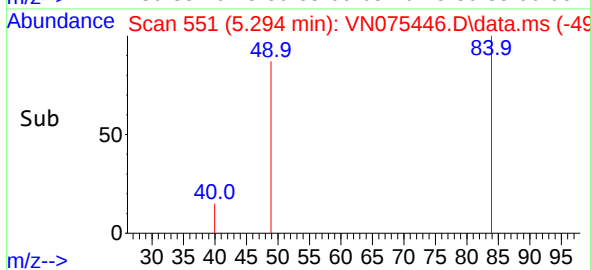
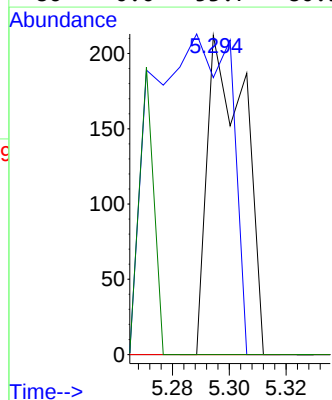
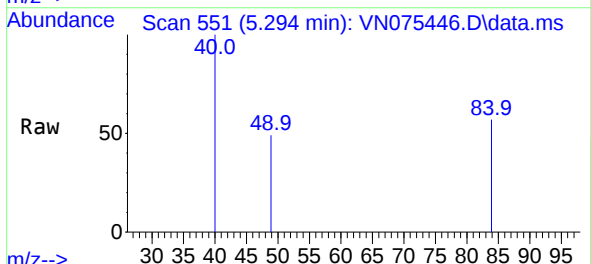
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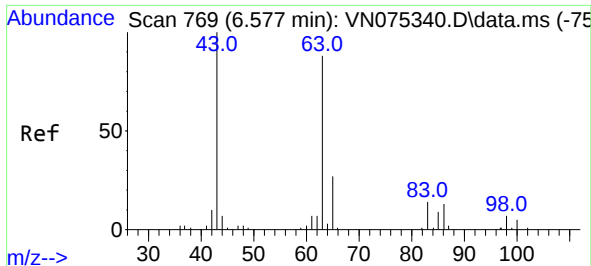
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 84 Resp: 194
Ion Ratio Lower Upper
84 100
49 86.8 94.9 142.3#
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#

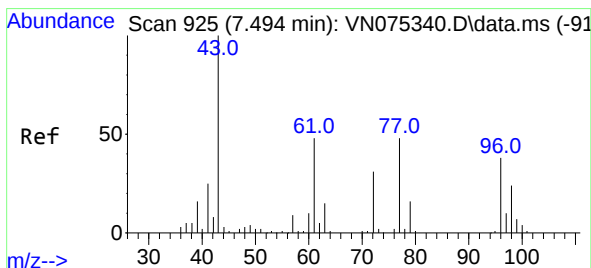
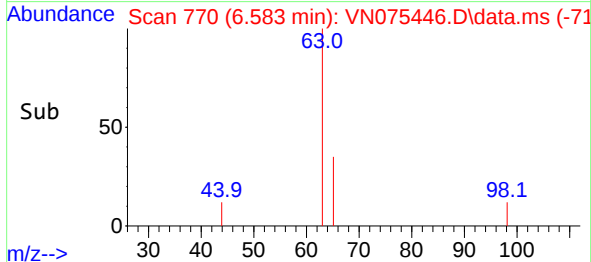
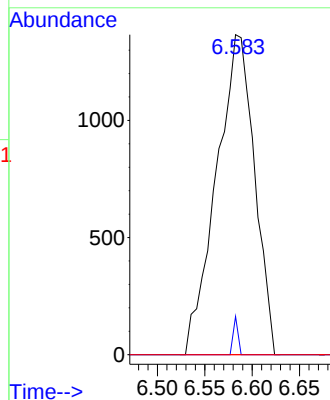
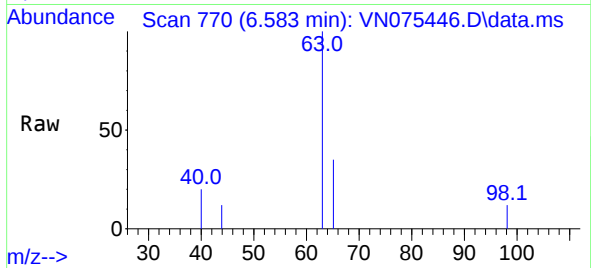




#24
1,1-Dichloroethane
Concen: 1.766 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

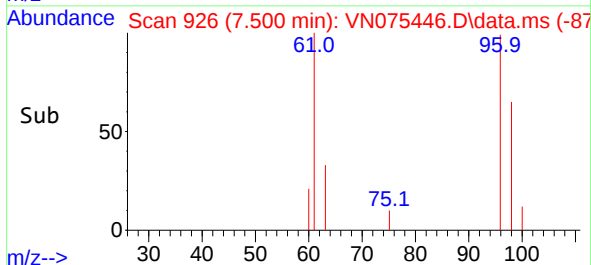
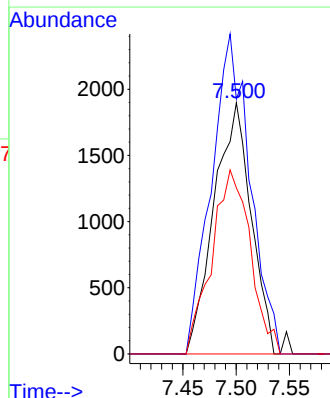
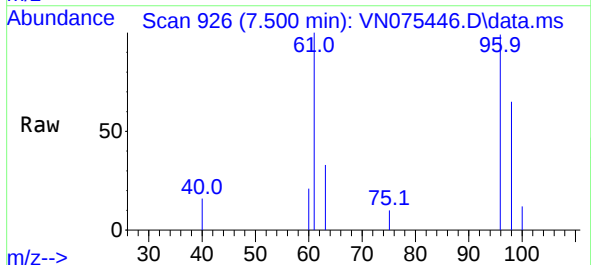
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

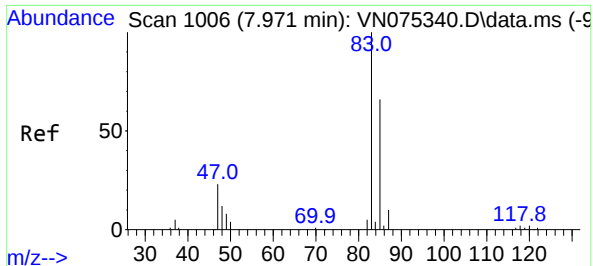
Tgt Ion: 63 Resp: 3824
Ion Ratio Lower Upper
63 100
98 11.9 3.6 10.8#
100 0.0 2.4 7.2#



#27
cis-1,2-Dichloroethene
Concen: 3.115 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 96 Resp: 4587
Ion Ratio Lower Upper
96 100
61 133.0 0.0 278.8
98 76.6 0.0 128.4





#30

Chloroform

Concen: 1.254 ug/l

RT: 7.977 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

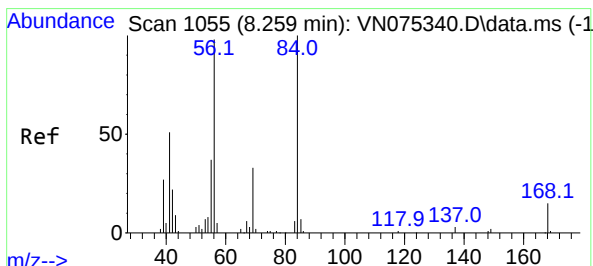
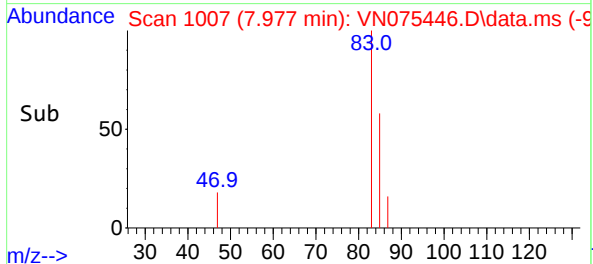
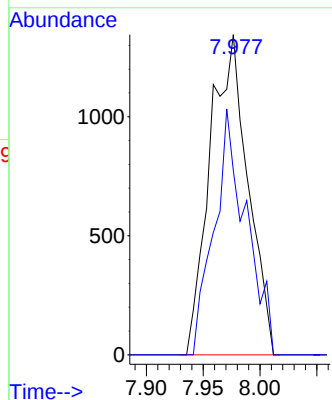
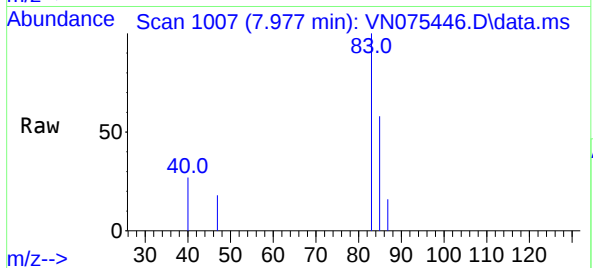
RE137D7-20221121

Tgt Ion: 83 Resp: 3119

Ion Ratio Lower Upper

83 100

85 57.5 51.4 77.0



#31

Cyclohexane

Concen: 1.190 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.024 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

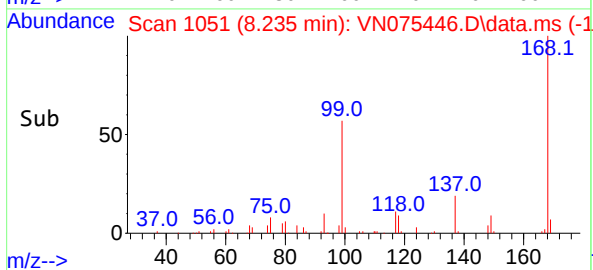
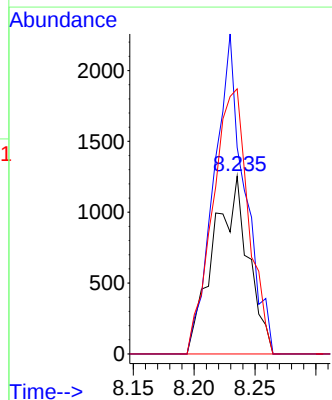
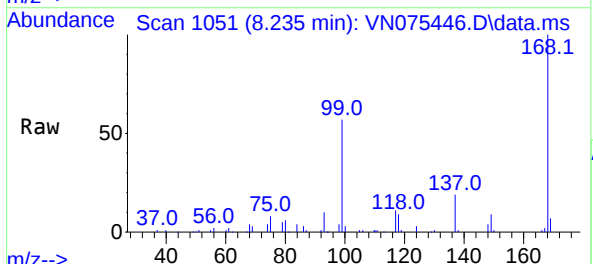
Tgt Ion: 56 Resp: 2505

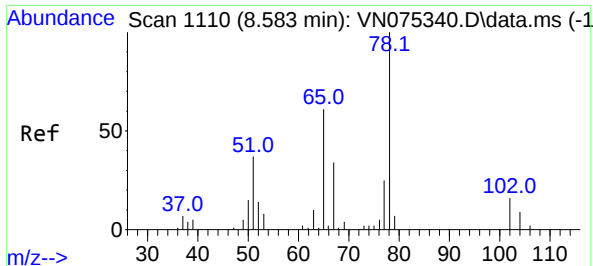
Ion Ratio Lower Upper

56 100

69 116.3 25.2 37.8#

84 149.2 77.8 116.8#

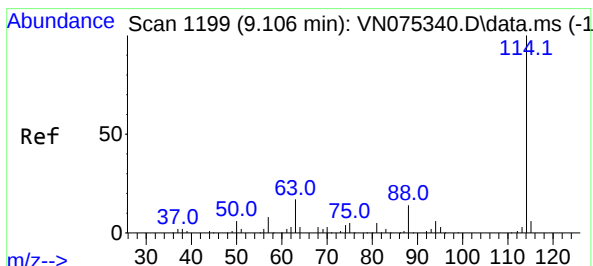
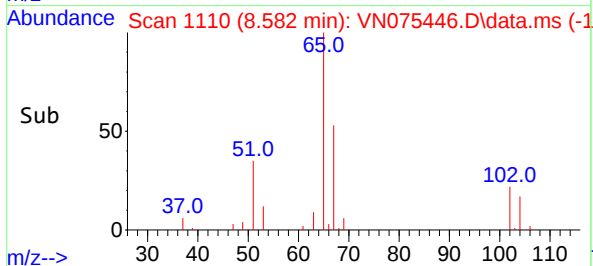
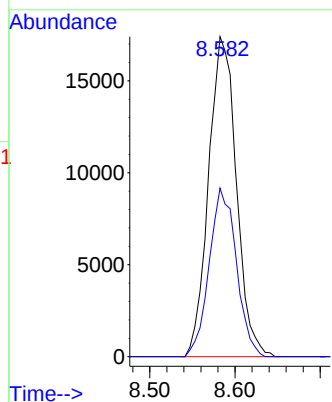
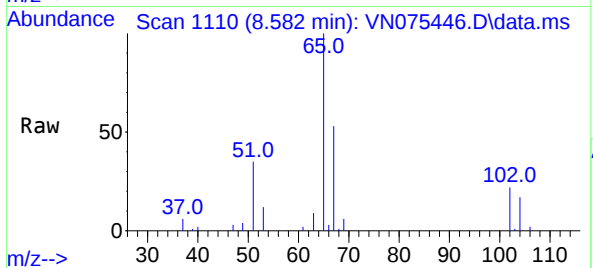




#33
1,2-Dichloroethane-d4
Concen: 59.423 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

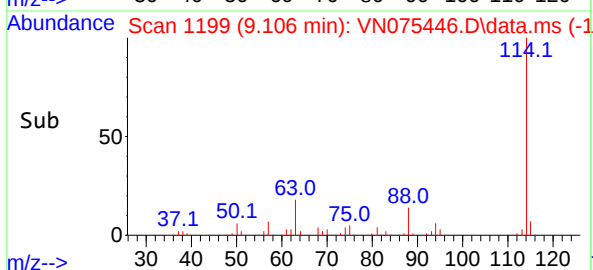
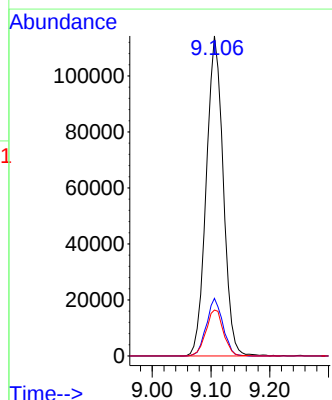
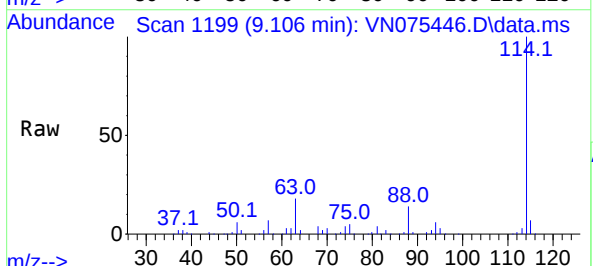
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

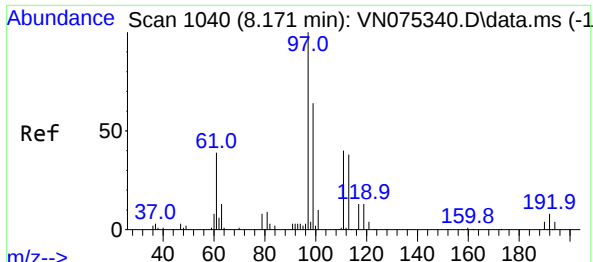
Tgt Ion: 65 Resp: 39364
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

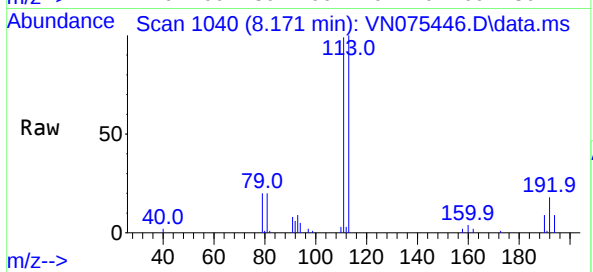
Tgt Ion:114 Resp: 228373
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.6
88 14.3 0.0 29.0



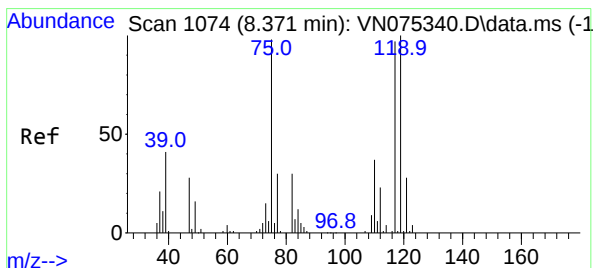
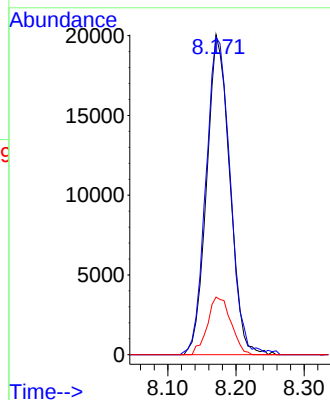
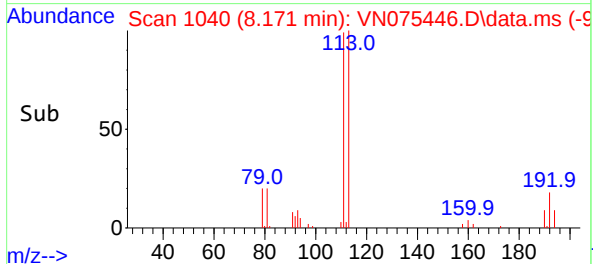


#35
Dibromofluoromethane
Concen: 52.707 ug/l
RT: 8.171 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

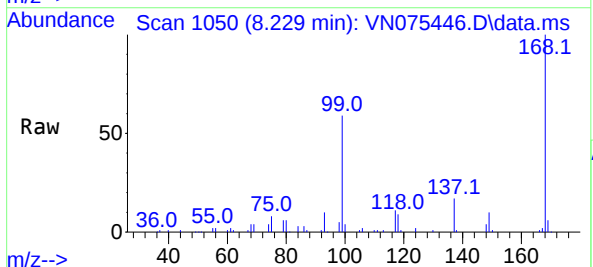
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121



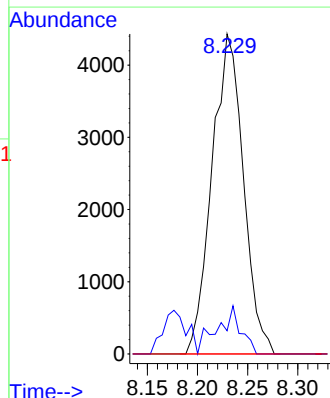
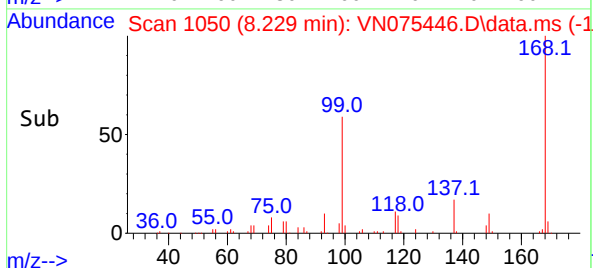
Tgt Ion:113 Resp: 47285
Ion Ratio Lower Upper
113 100
111 104.4 80.5 120.7
192 18.3 13.2 19.8

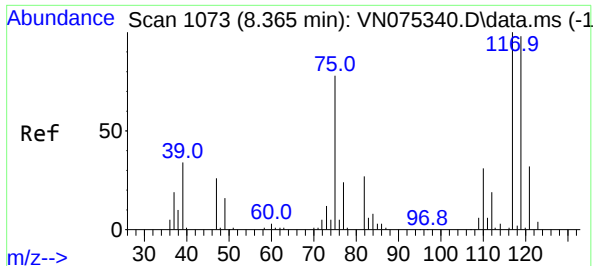


#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11



Tgt Ion: 75 Resp: 9638
Ion Ratio Lower Upper
75 100
110 11.3 17.8 53.3#
77 0.0 24.6 37.0#

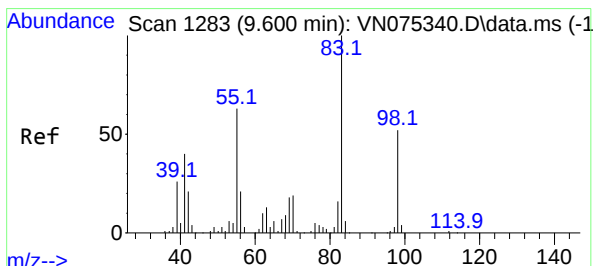
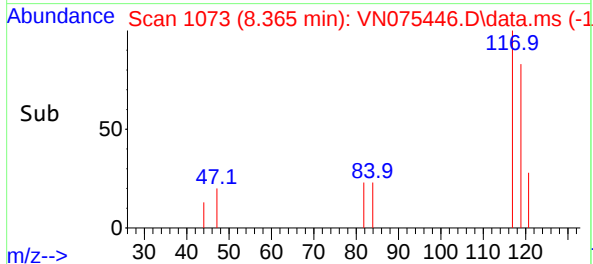
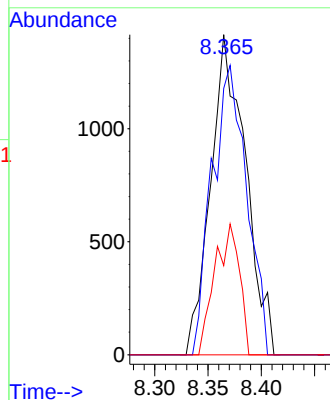
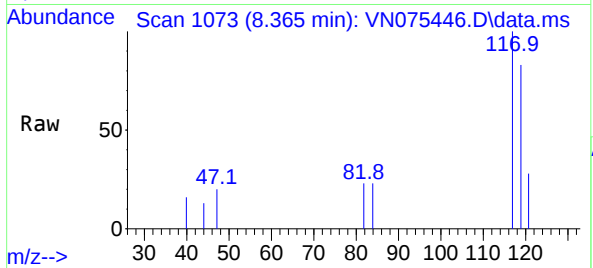




#38
Carbon Tetrachloride
Concen: 1.502 ug/l
RT: 8.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

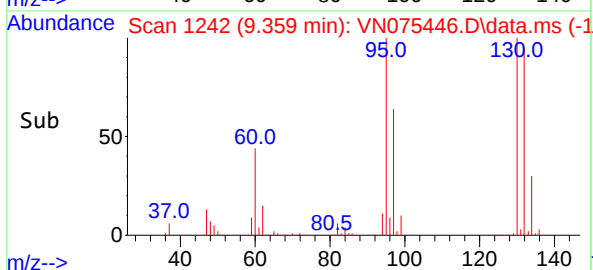
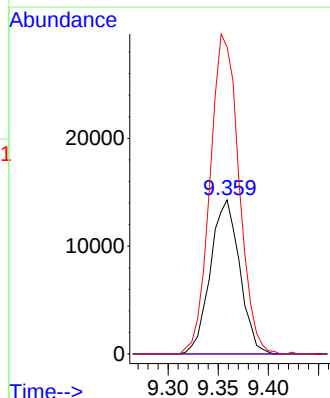
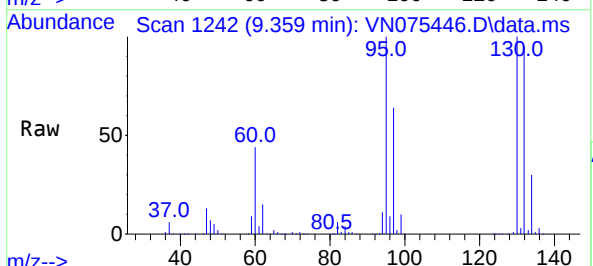
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

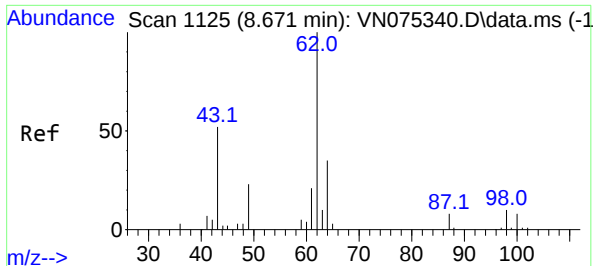
Tgt Ion:117 Resp: 3229
Ion Ratio Lower Upper
117 100
119 83.2 76.7 115.1
121 27.9 23.9 35.9



#39
Methylcyclohexane
Concen: 11.828 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.241 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 83 Resp: 28962
Ion Ratio Lower Upper
83 100
55 0.0 53.6 80.4#
98 199.0 41.1 61.7#





#42

1,2-Dichloroethane

Concen: 0.243 ug/l

RT: 8.677 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

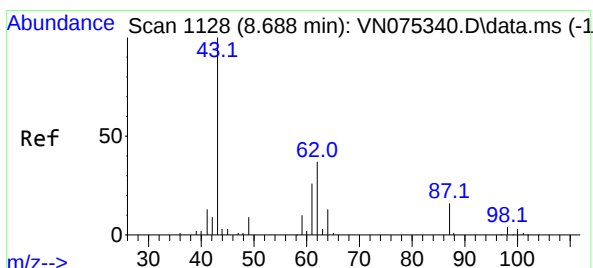
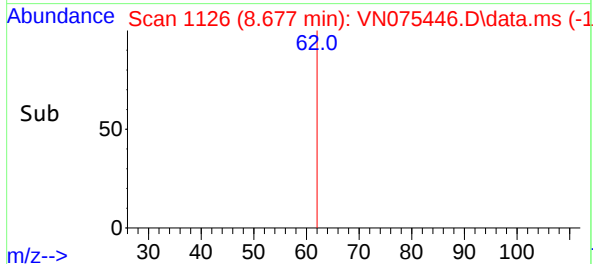
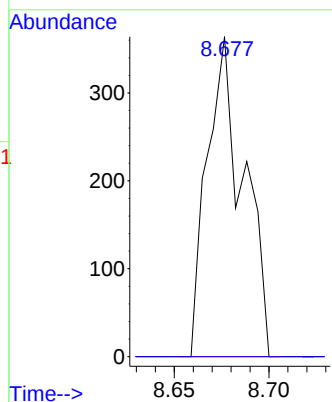
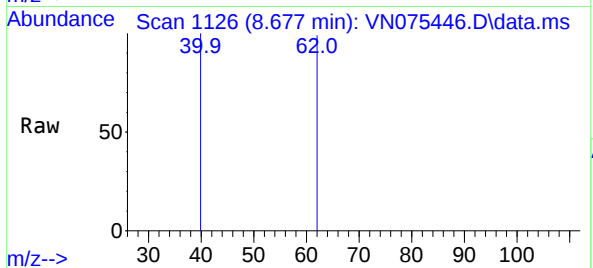
RE137D7-20221121

Tgt Ion: 62 Resp: 488

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 0.340 ug/l

RT: 8.806 min Scan# 1148

Delta R.T. 0.118 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

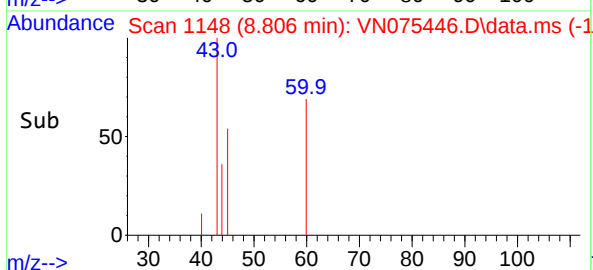
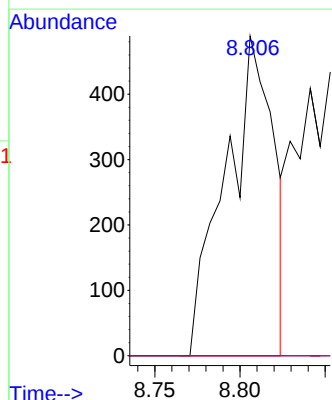
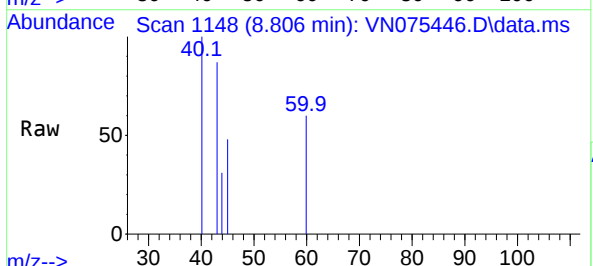
Tgt Ion: 43 Resp: 961

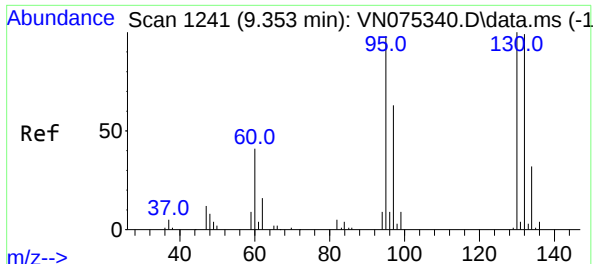
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#





#44

Trichloroethene

Concen: 1432.044 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN075446.D

Acq: 28 Nov 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

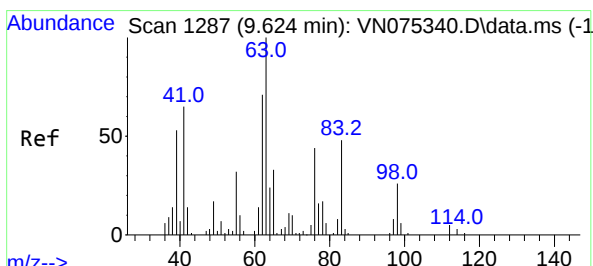
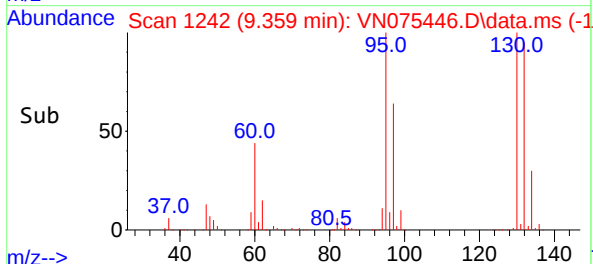
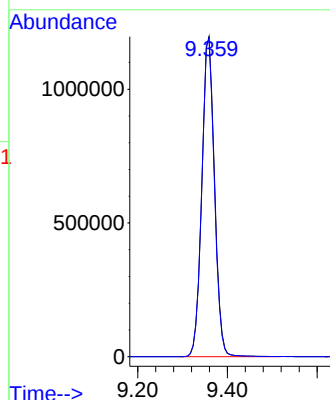
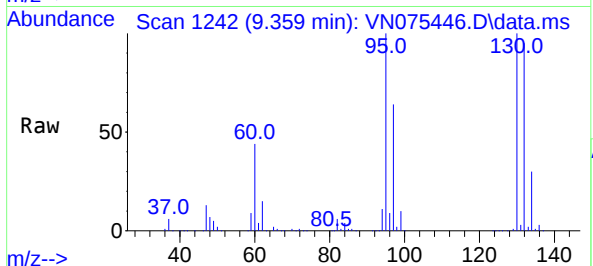
RE137D7-20221121

Tgt Ion:130 Resp: 2347129

Ion Ratio Lower Upper

130 100

95 99.5 0.0 198.4



#45

1,2-Dichloropropane

Concen: 5.040 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.265 min

Lab File: VN075446.D

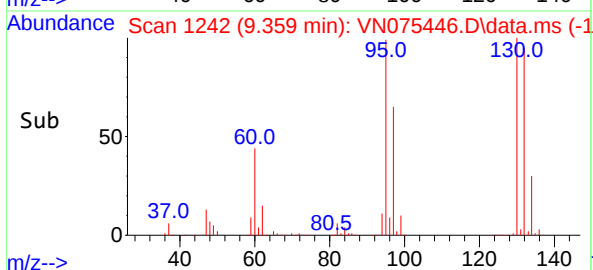
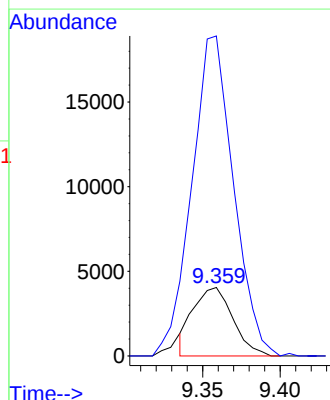
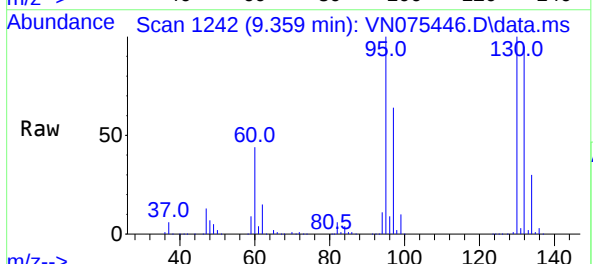
Acq: 28 Nov 2022 14:11

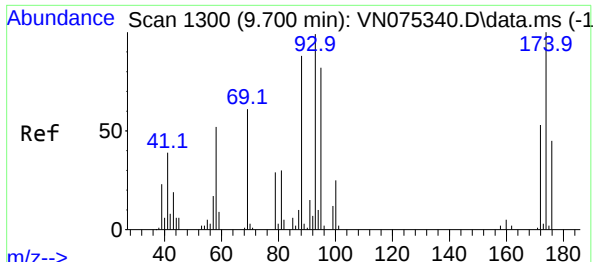
Tgt Ion: 63 Resp: 7194

Ion Ratio Lower Upper

63 100

65 467.3 26.1 39.1#

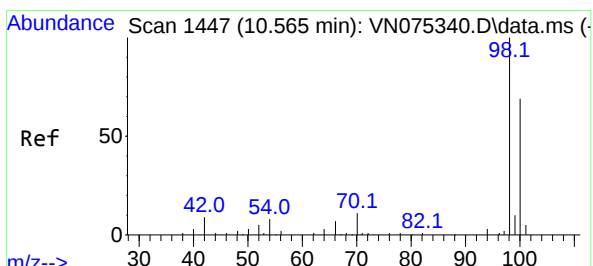
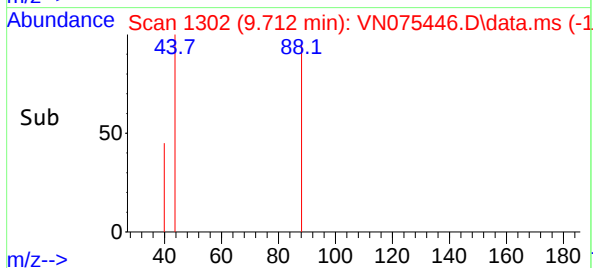
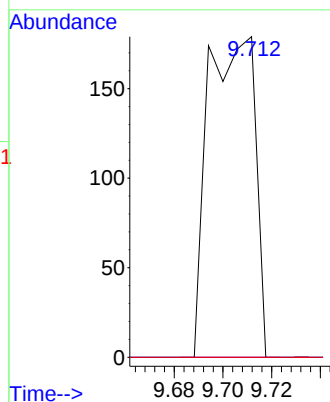
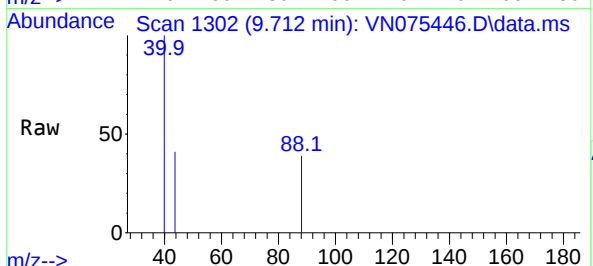




#49
1,4-Dioxane
Concen: 6.464 ug/l
RT: 9.712 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

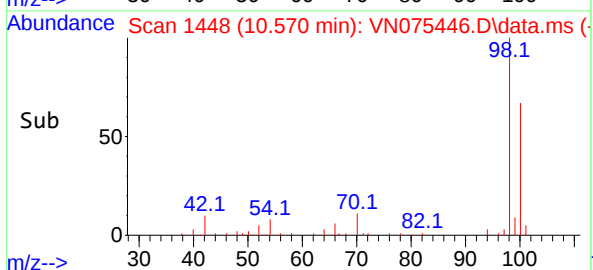
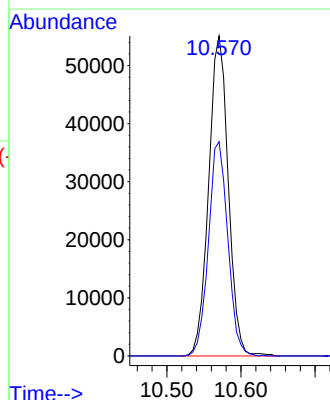
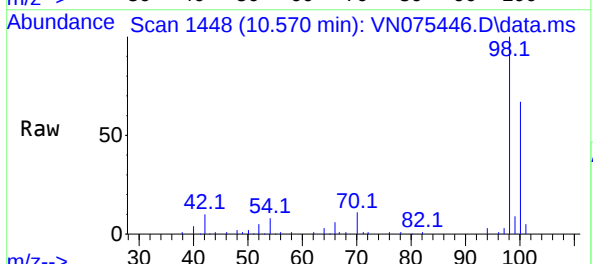
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

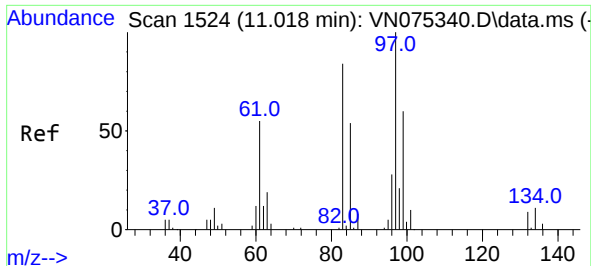
Tgt Ion: 88 Resp: 240
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3#
58 0.0 49.8 74.8#



#50
Toluene-d8
Concen: 50.123 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 98 Resp: 101278
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6

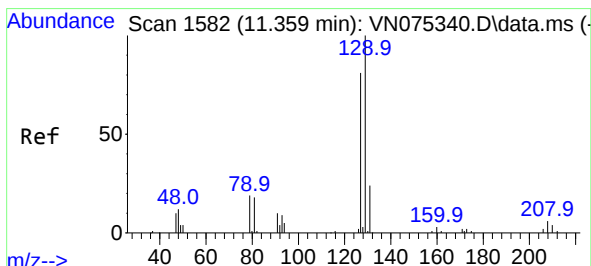
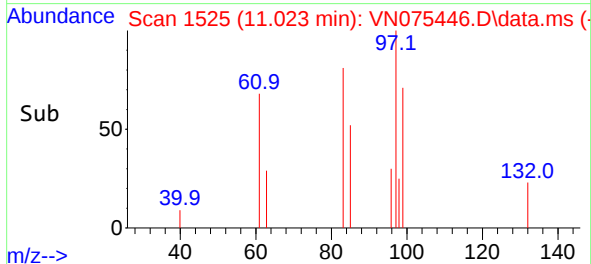
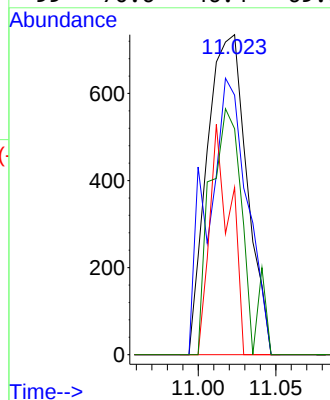
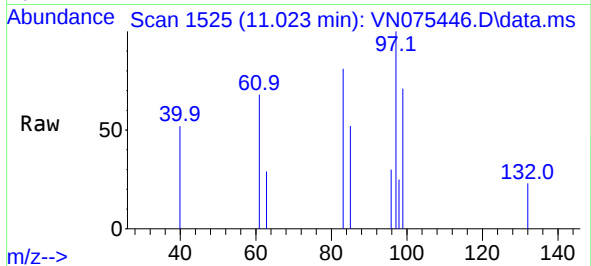




#55
1,1,2-Trichloroethane
Concen: 0.836 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

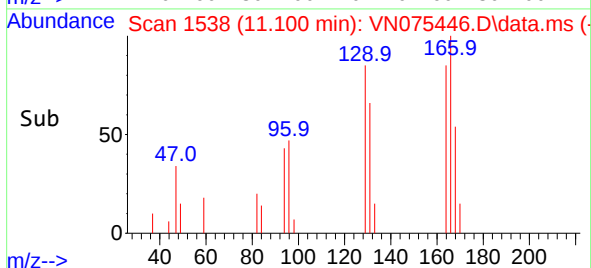
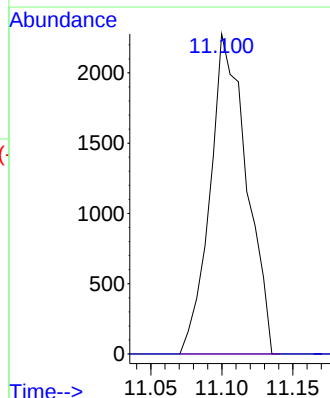
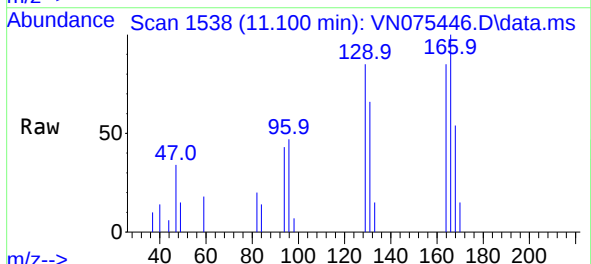
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

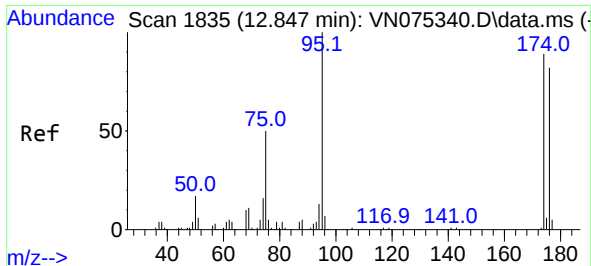
Tgt Ion: 97	Resp:	1314	
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.9	98.9
85	52.2	40.4	60.6
99	70.6	46.4	69.6#



#60
Dibromochloromethane
Concen: 2.525 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.259 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion:129	Resp:	4074	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

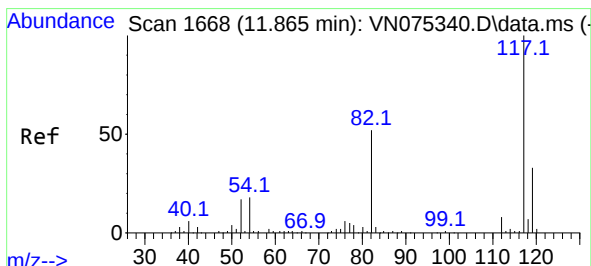
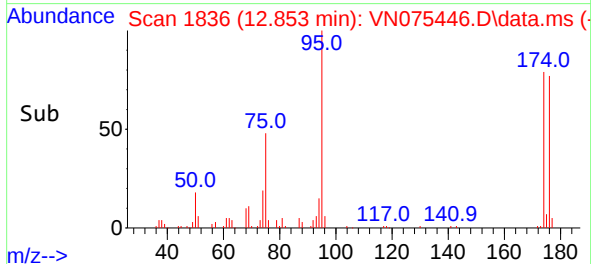
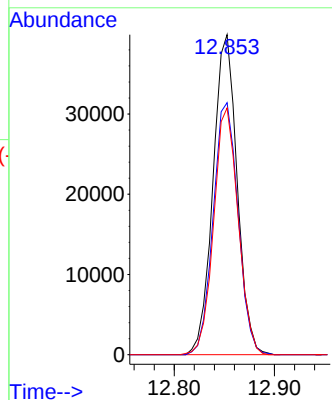
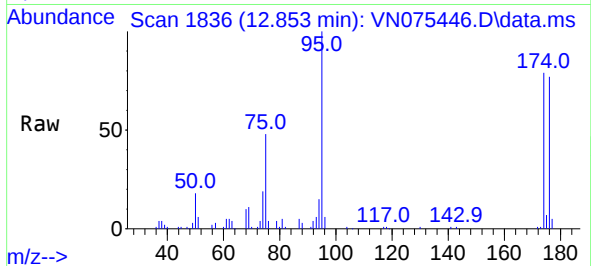




#62
4-Bromofluorobenzene
Concen: 44.634 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

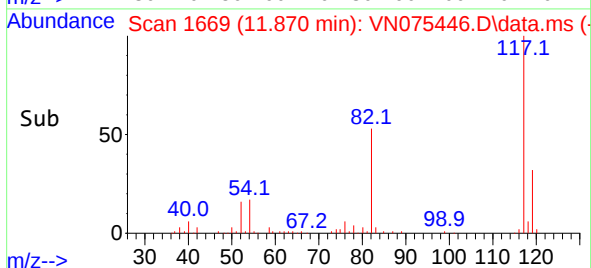
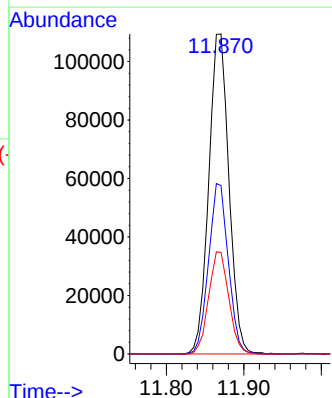
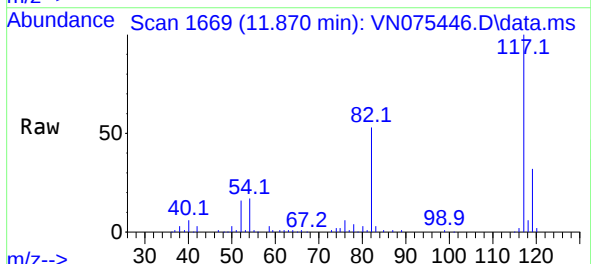
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

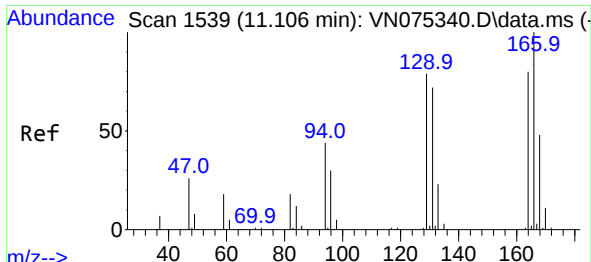
Tgt Ion: 95 Resp: 66567
Ion Ratio Lower Upper
95 100
174 81.2 0.0 147.4
176 78.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

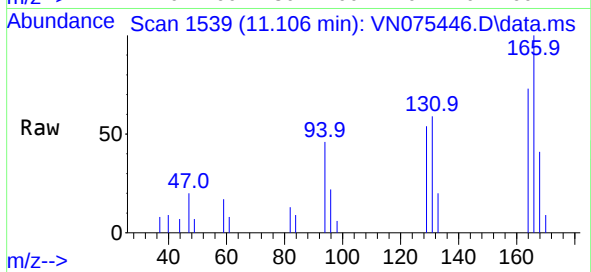
Tgt Ion: 117 Resp: 197902
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 31.7 25.5 38.3



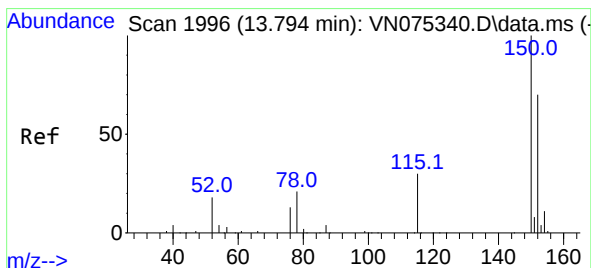
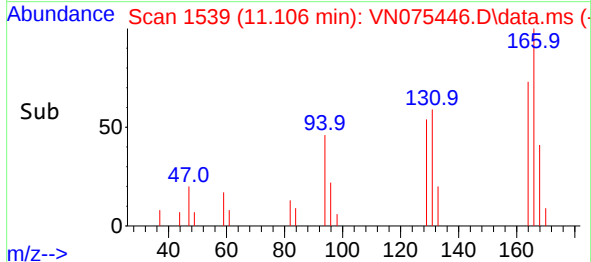
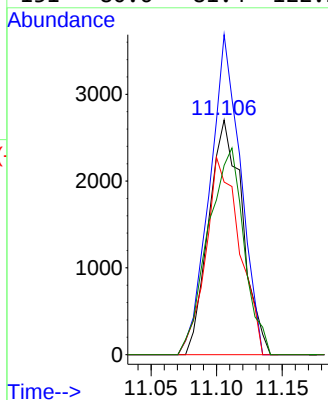


#64
Tetrachloroethene
Concen: 3.188 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

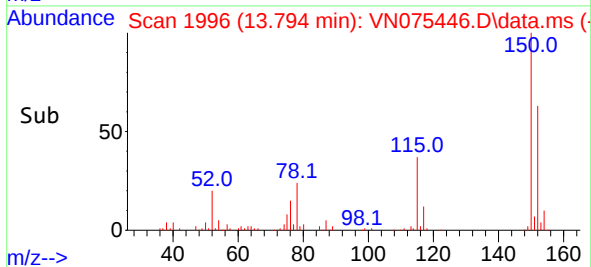
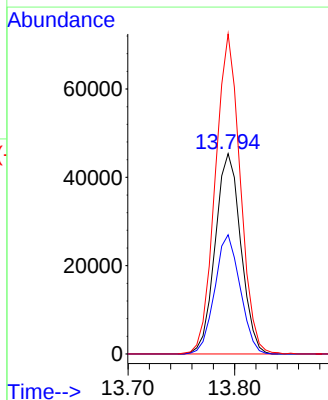
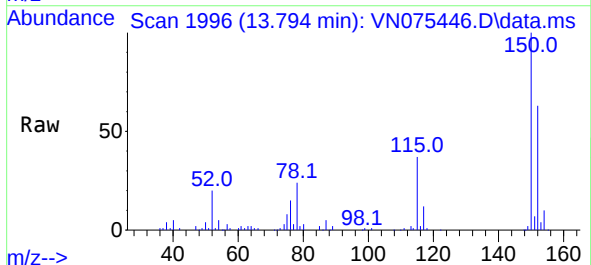


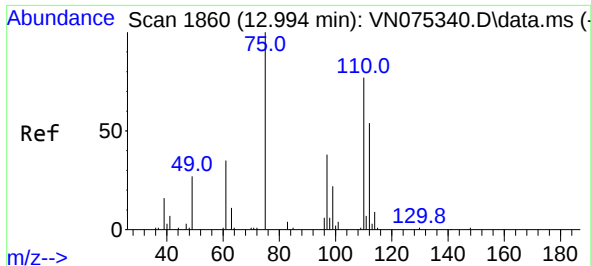
Tgt Ion:164 Resp: 4818
Ion Ratio Lower Upper
164 100
166 136.3 106.5 159.7
129 73.5 81.9 122.9#
131 80.6 81.4 122.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion:152 Resp: 75804
Ion Ratio Lower Upper
152 100
115 58.9 30.2 90.6
150 155.4 0.0 348.4

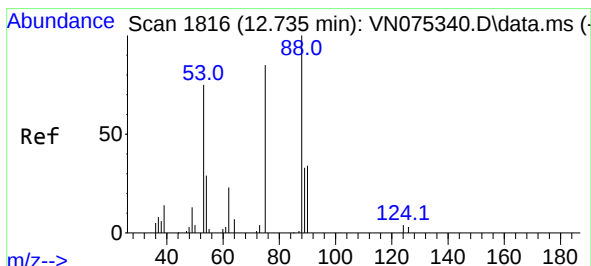
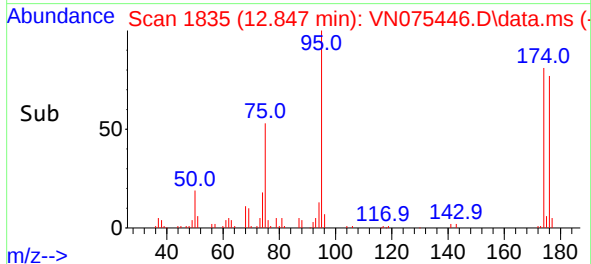
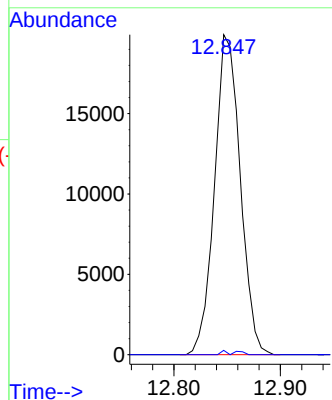
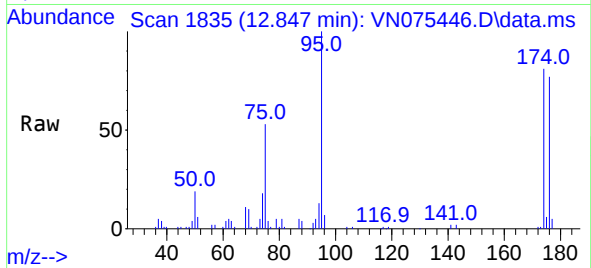




#76
1,2,3-Trichloropropane
Concen: 23.308 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121

Tgt Ion: 75 Resp: 33406
Ion Ratio Lower Upper
75 100
77 0.3 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.962 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075446.D
Acq: 28 Nov 2022 14:11

Tgt Ion: 75 Resp: 33406
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

