

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074810.D
 Acq On : 07 Oct 2022 14:43
 Operator : JC\MD
 Sample : N5000-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5486-4

Quant Time: Oct 08 03:52:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

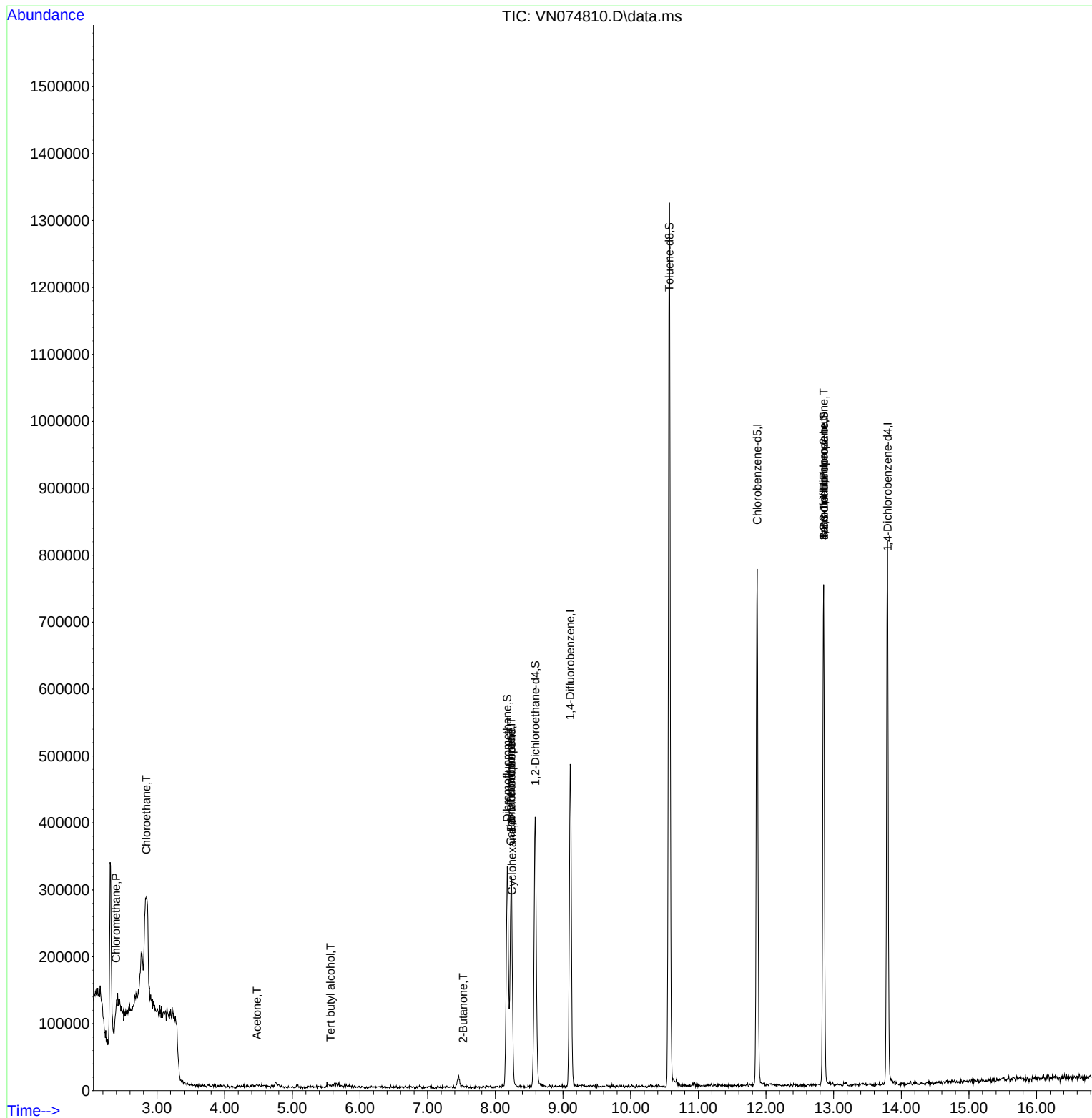
Internal Standards						
1) Pentafluorobenzene	8.236	168	225088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	416902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	417587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	206043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.594	65	300355	56.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.640%			
35) Dibromofluoromethane	8.177	113	225388	53.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	10.571	98	900105	49.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.853	95	231992	42.225	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.440%			
Target Compounds						Qvalue
3) Chloromethane	2.395	50	1797	0.262	ug/l	92
6) Chloroethane	2.842	64	198276	31.528	ug/l #	48
11) Tert butyl alcohol	5.565	59	596	0.334	ug/l #	74
13) Acrolein	4.195	56	92	Below Cal	#	76
16) Acetone	4.477	43	3454	1.143	ug/l #	80
20) Methylene Chloride	5.283	84	390	Below Cal	#	3
25) 2-Butanone	7.524	43	1113	0.203	ug/l #	48
31) Cyclohexane	8.247	56	6902	0.749	ug/l #	45
36) 1,1-Dichloropropene	8.236	75	21959	3.221	ug/l #	51
38) Carbon Tetrachloride	8.230	117	25083	3.901	ug/l #	16
71) Bromoform	12.853	173	2501	0.702	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.012	83	131	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	132037	21.470	ug/l #	1
77) Bromobenzene	12.841	156	67	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	132037	41.831	ug/l #	14
96) 1,2,3-Trichlorobenzene	15.982	180	77	Below Cal	#	12

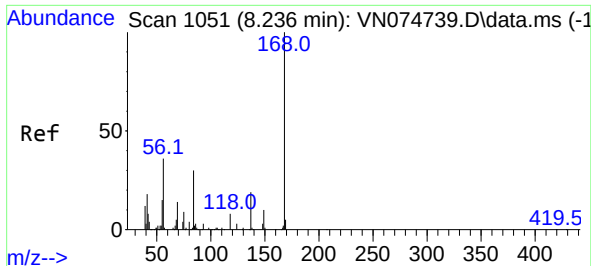
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

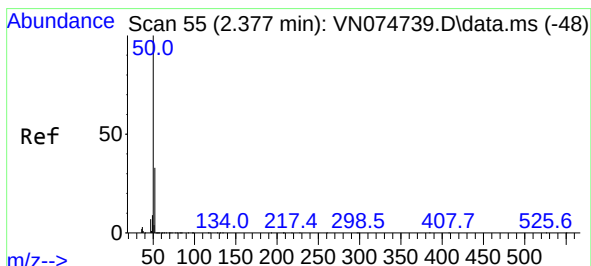
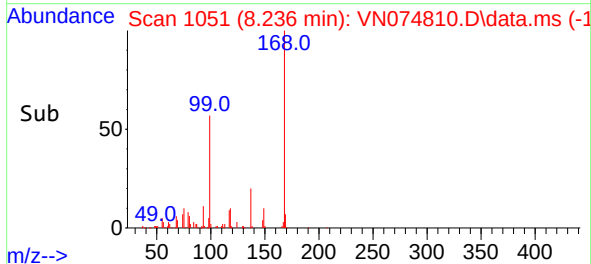
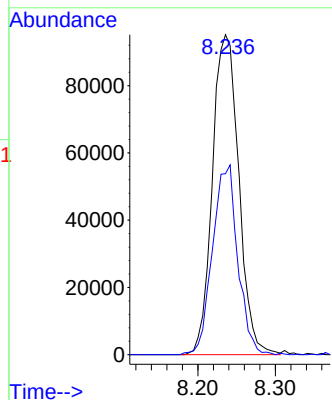
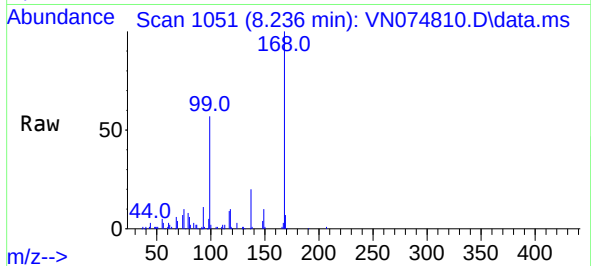




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

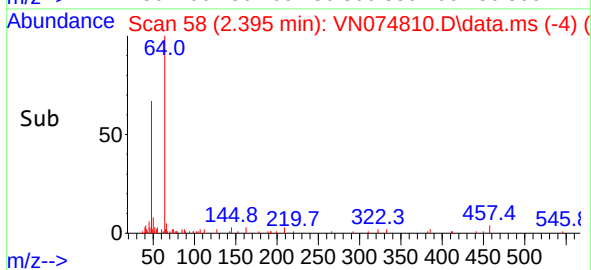
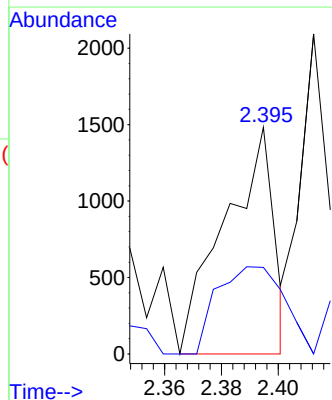
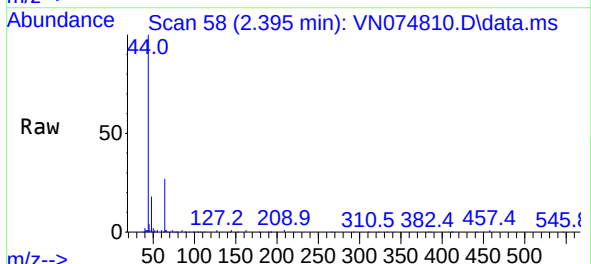
Instrument :
MSVOA_N
ClientSampleId :
5486-4

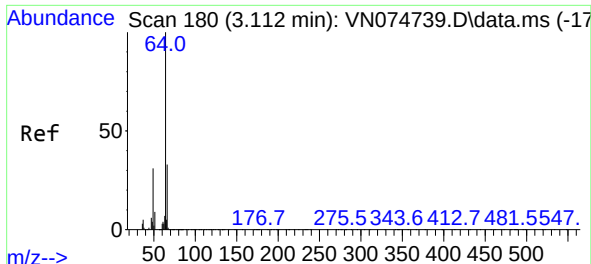
Tgt Ion:168 Resp: 225088
Ion Ratio Lower Upper
168 100
99 56.6 42.8 64.2



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.395 min Scan# 58
Delta R.T. 0.018 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion: 50 Resp: 1797
Ion Ratio Lower Upper
50 100
52 38.2 26.7 40.1

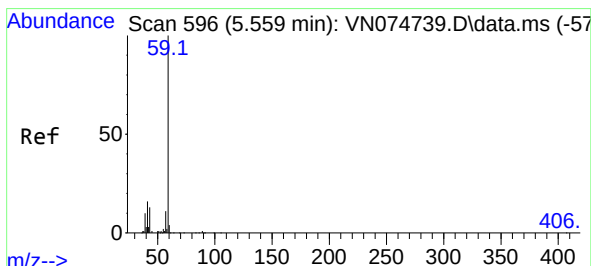
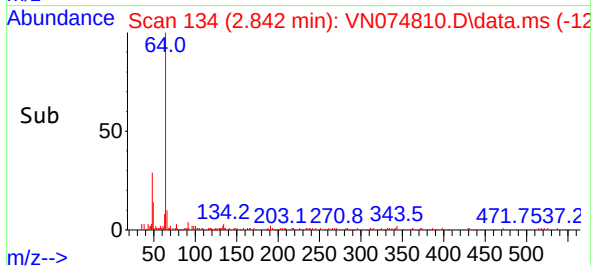
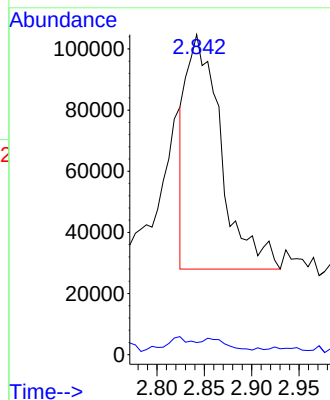
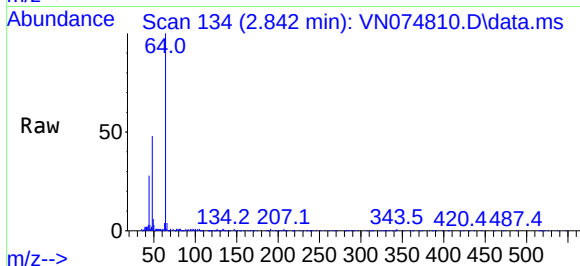




#6
Chloroethane
Concen: 31.528 ug/l
RT: 2.842 min Scan# 11
Delta R.T. -0.271 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

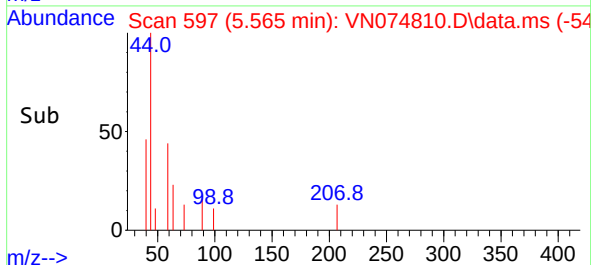
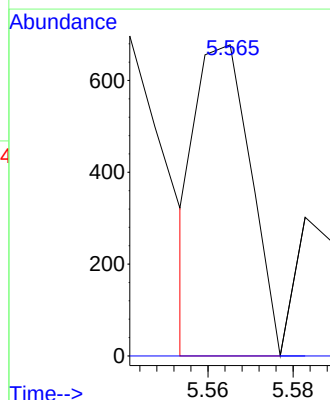
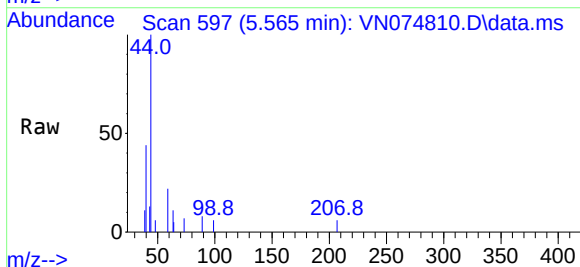
Instrument :
MSVOA_N
ClientSampleId :
5486-4

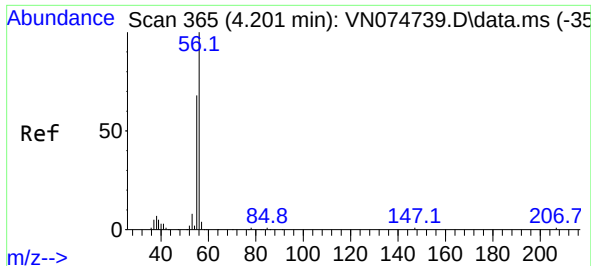
Tgt Ion: 64 Resp: 198276
Ion Ratio Lower Upper
64 100
66 2.6 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.334 ug/l
RT: 5.565 min Scan# 597
Delta R.T. 0.006 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion: 59 Resp: 596
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

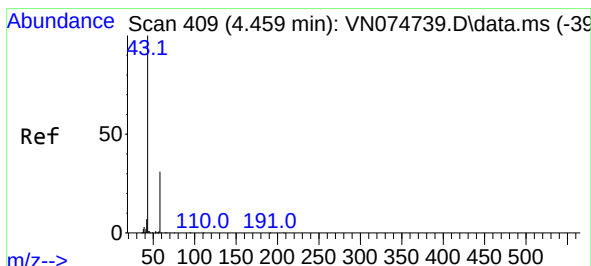
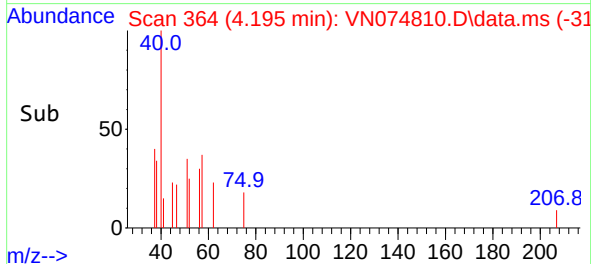
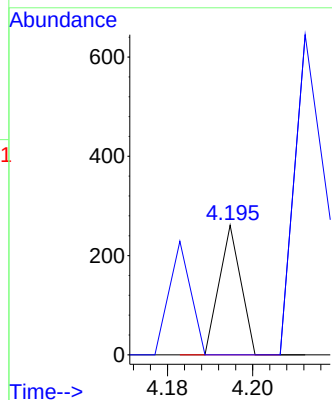
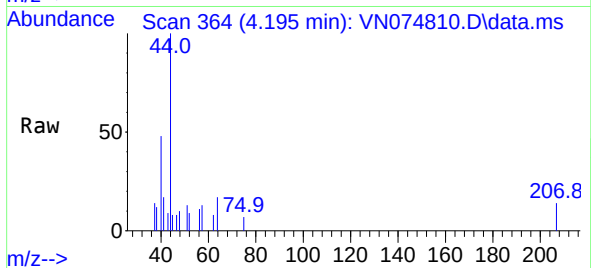




#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

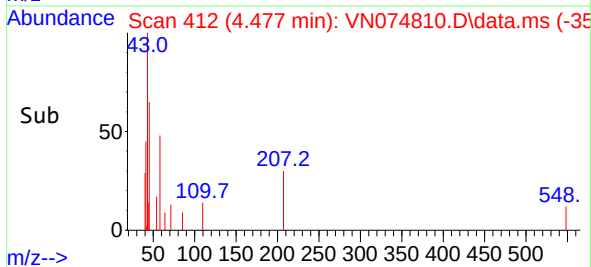
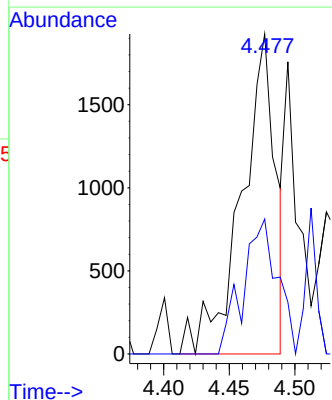
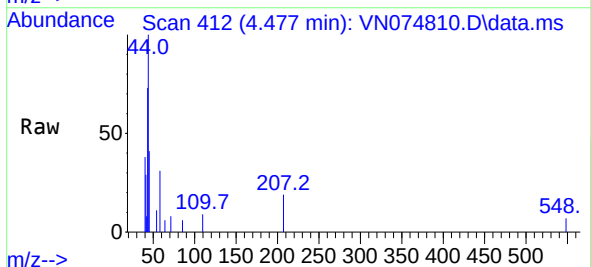
Instrument :
MSVOA_N
ClientSampleId :
5486-4

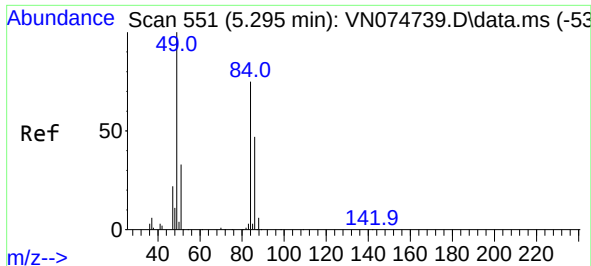
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 88.0 54.9 82.3#



#16
Acetone
Concen: 1.143 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion: 43 Resp: 3454
Ion Ratio Lower Upper
43 100
58 42.2 24.9 37.3#

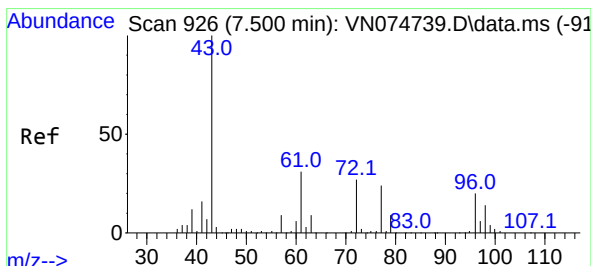
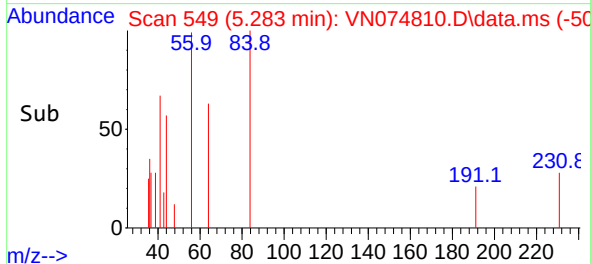
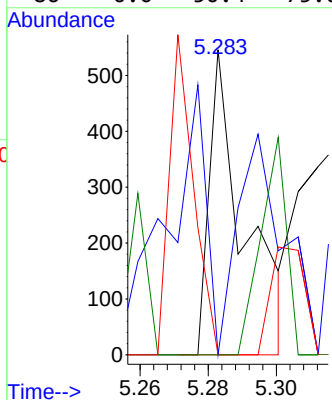
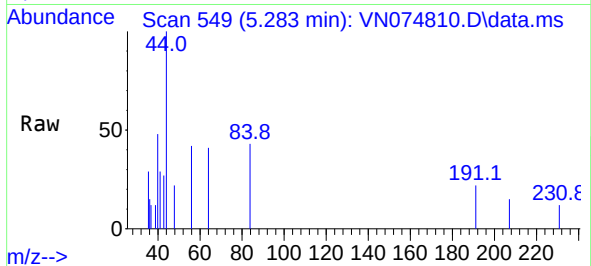




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.012 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

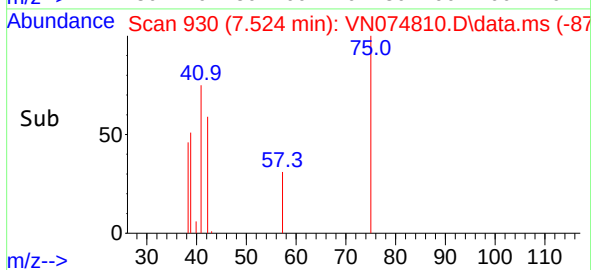
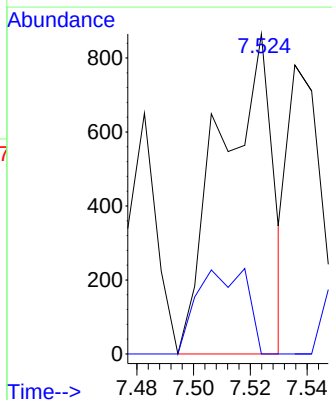
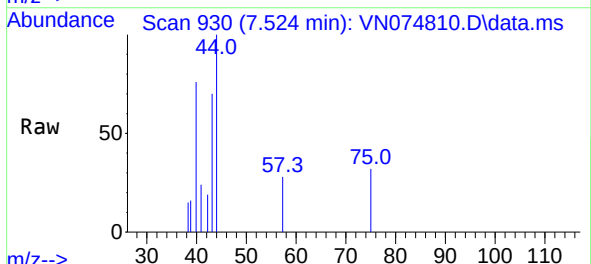
Instrument :
MSVOA_N
ClientSampleId :
5486-4

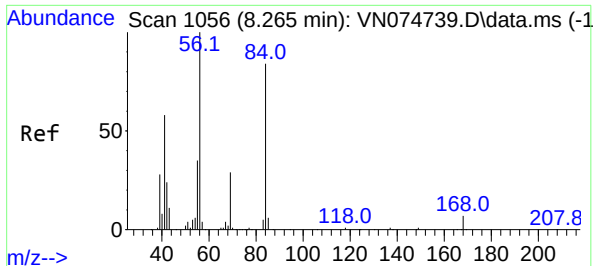
Tgt Ion: 84 Resp: 390
Ion Ratio Lower Upper
84 100
49 0.0 107.4 161.0#
51 0.0 35.1 52.7#
86 0.0 50.4 75.6#



#25
2-Butanone
Concen: 0.203 ug/l
RT: 7.524 min Scan# 930
Delta R.T. 0.024 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#

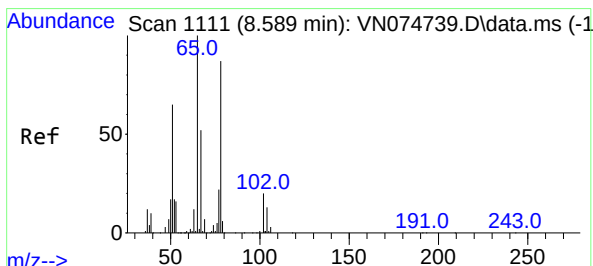
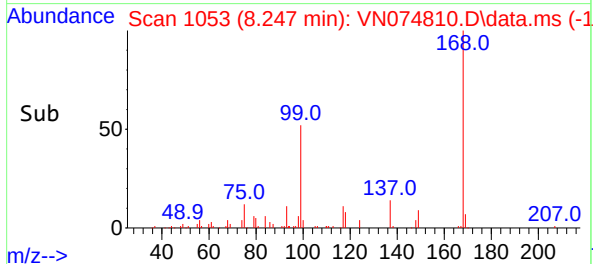
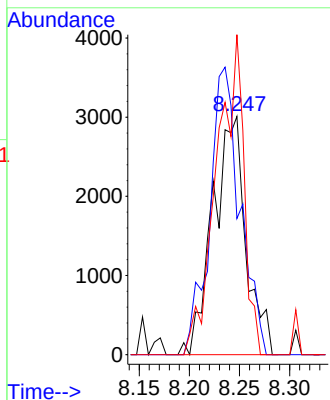
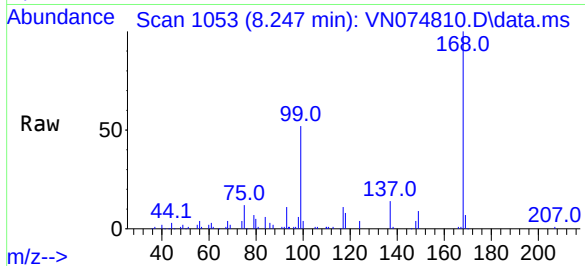




#31
Cyclohexane
Concen: 0.749 ug/l
RT: 8.247 min Scan# 1105
Delta R.T. -0.018 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

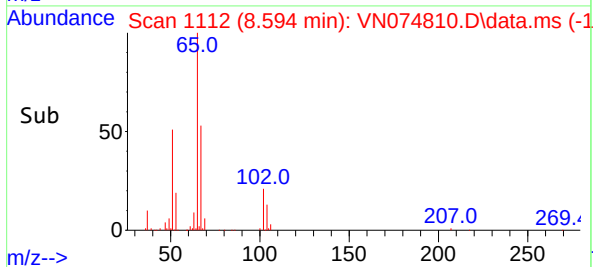
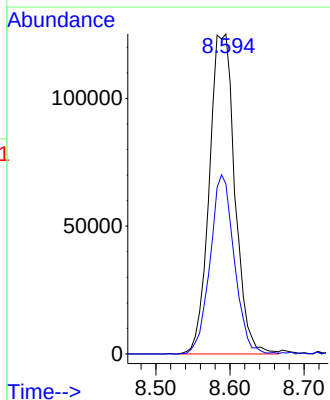
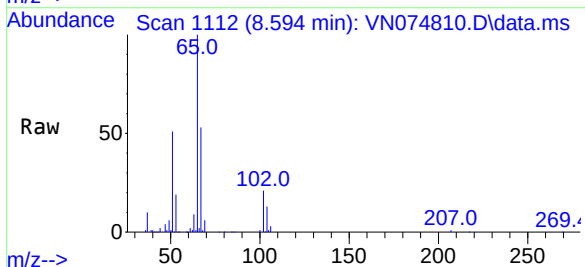
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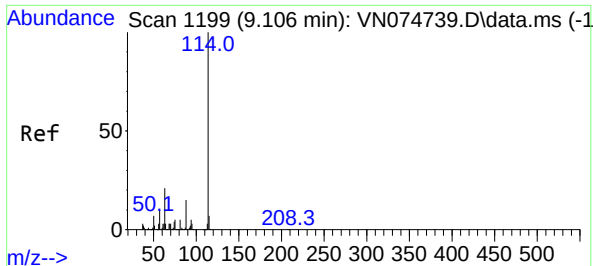
Tgt Ion: 56 Resp: 6902
Ion Ratio Lower Upper
56 100
69 57.1 23.1 34.7#
84 134.3 67.1 100.7#



#33
1,2-Dichloroethane-d4
Concen: 56.317 ug/l
RT: 8.594 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion: 65 Resp: 300355
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0

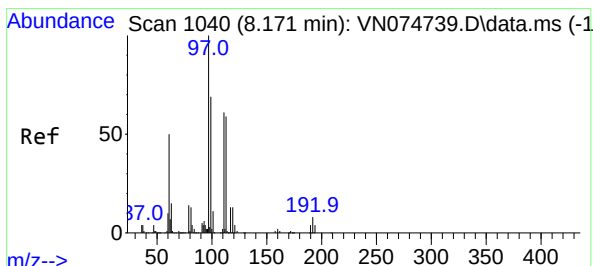
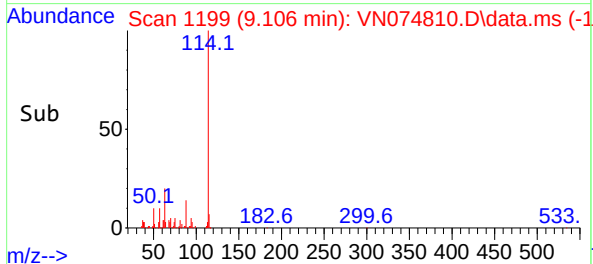
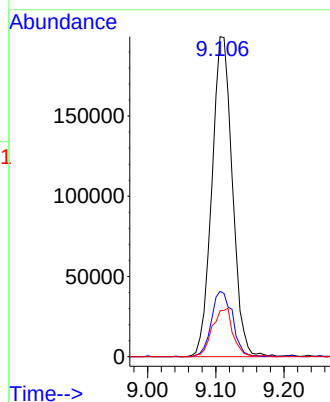
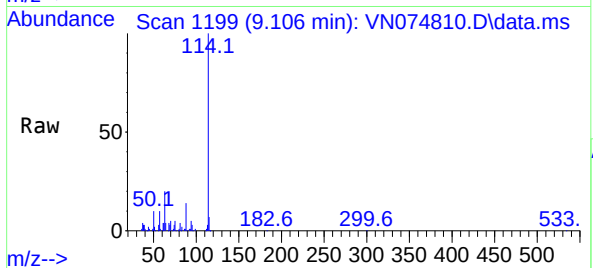




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

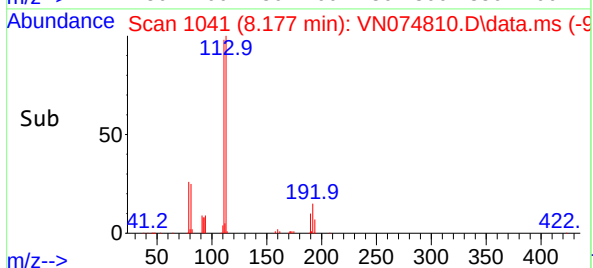
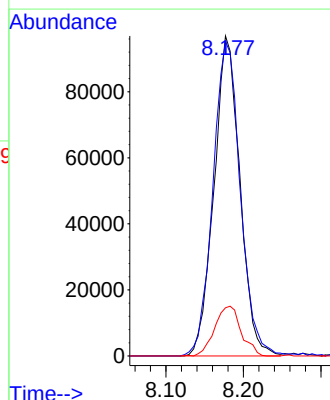
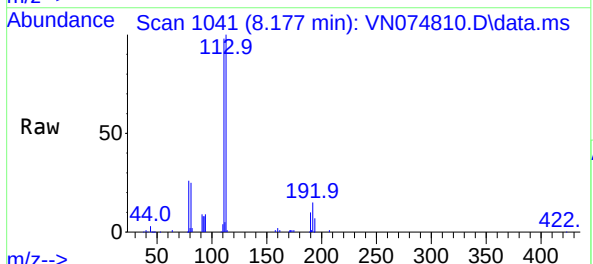
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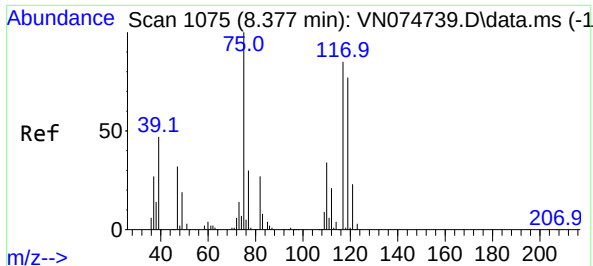
Tgt Ion:114 Resp: 416902
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.2
88 14.4 0.0 30.2



#35
Dibromofluoromethane
Concen: 53.508 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion:113 Resp: 225388
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.6
192 15.9 12.6 18.8





#36

1,1-Dichloropropene

Concen: 3.221 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN074810.D

Acq: 07 Oct 2022 14:43

Instrument :

MSVOA_N

ClientSampleId :

5486-4

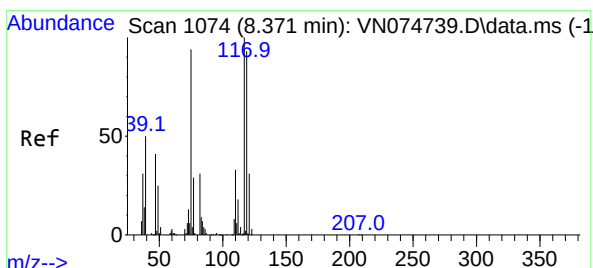
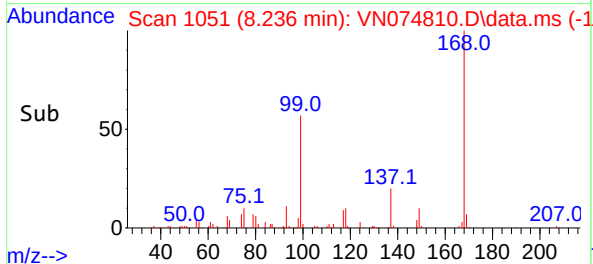
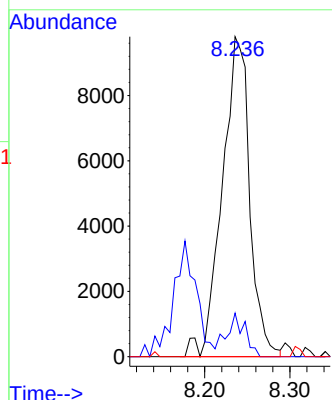
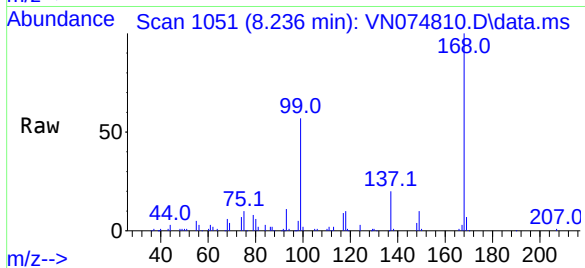
Tgt Ion: 75 Resp: 21959

Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 3.901 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN074810.D

Acq: 07 Oct 2022 14:43

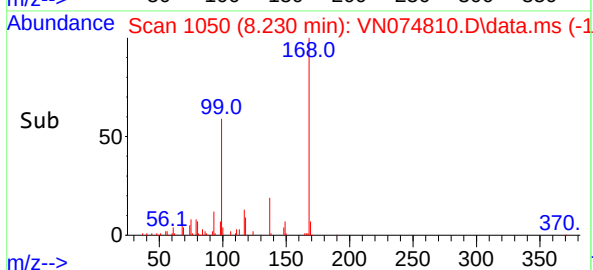
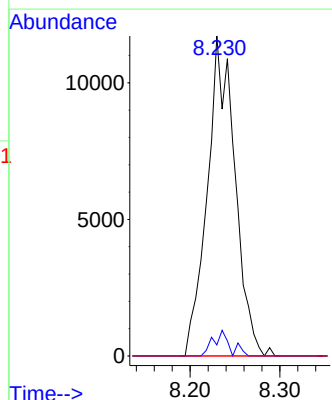
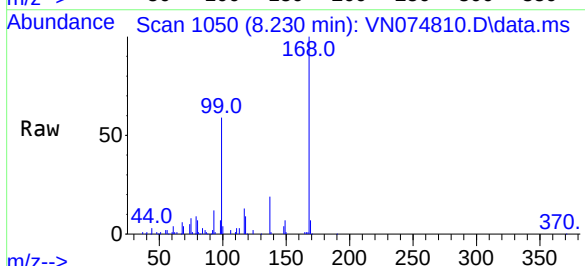
Tgt Ion: 117 Resp: 25083

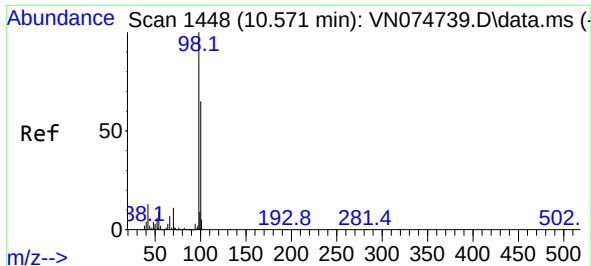
Ion Ratio Lower Upper

117 100

119 3.4 74.3 111.5#

121 0.0 25.0 37.4#

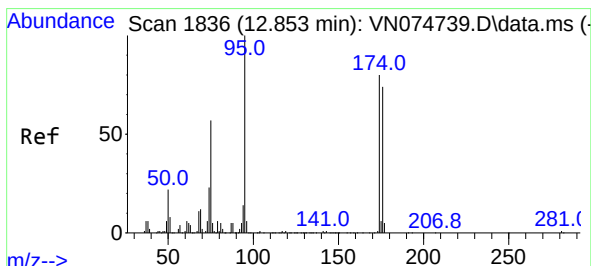
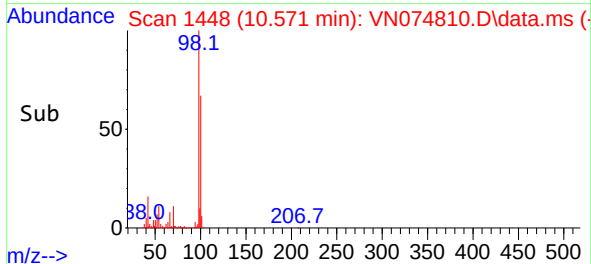
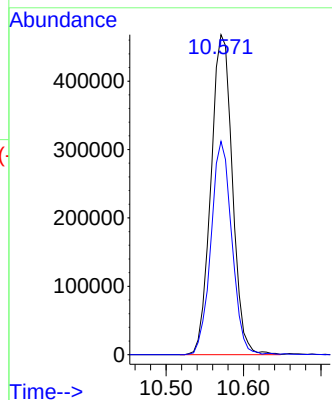
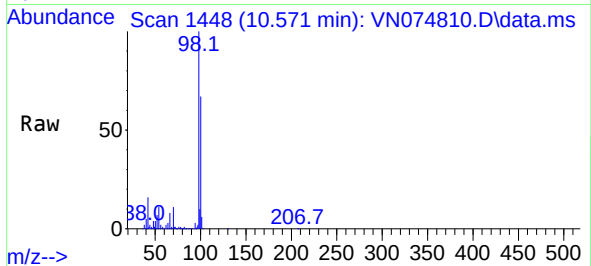




#50
Toluene-d8
Concen: 49.801 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

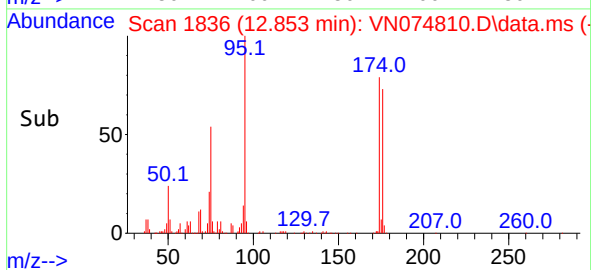
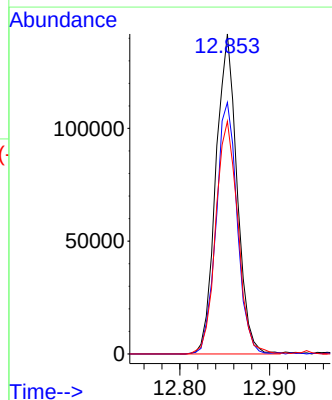
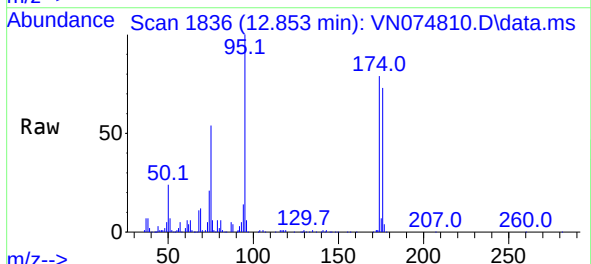
Instrument :
MSVOA_N
ClientSampleId :
5486-4

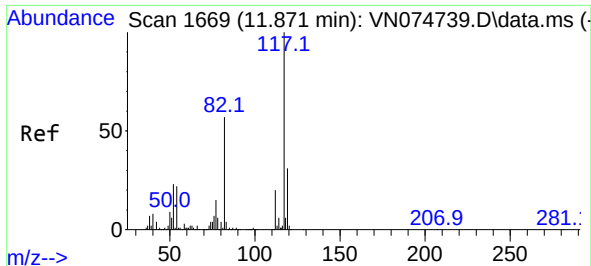
Tgt Ion: 98 Resp: 900105
Ion Ratio Lower Upper
98 100
100 64.8 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.225 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion: 95 Resp: 231992
Ion Ratio Lower Upper
95 100
174 78.4 0.0 149.4
176 76.0 0.0 142.0

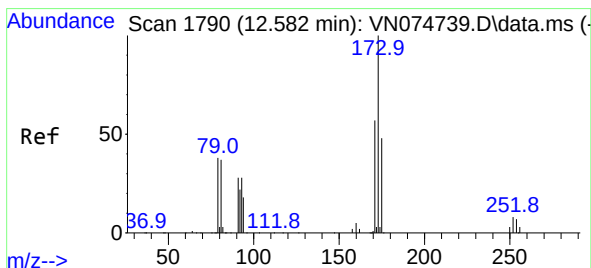
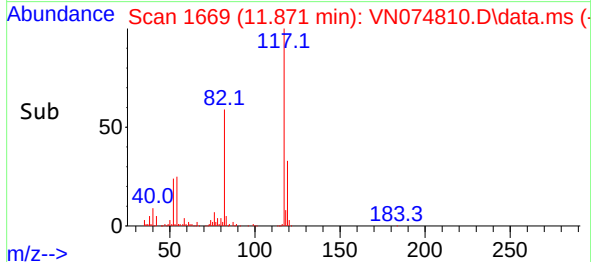
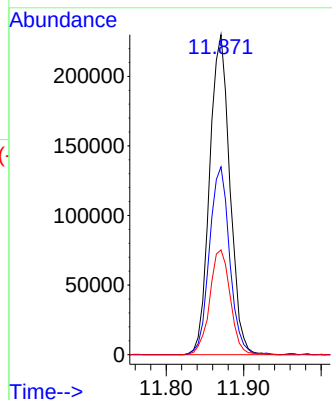
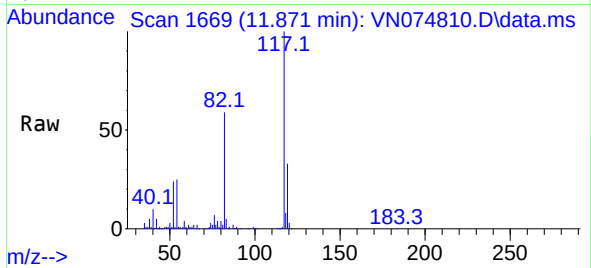




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

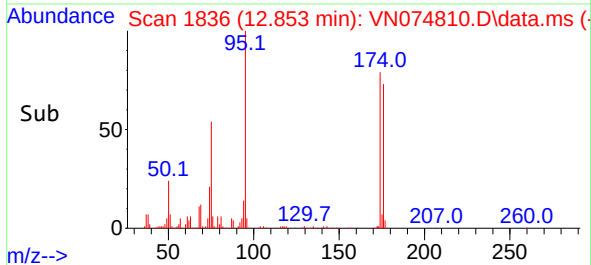
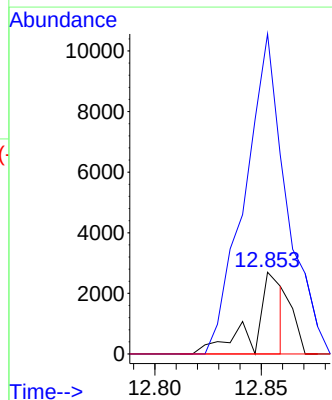
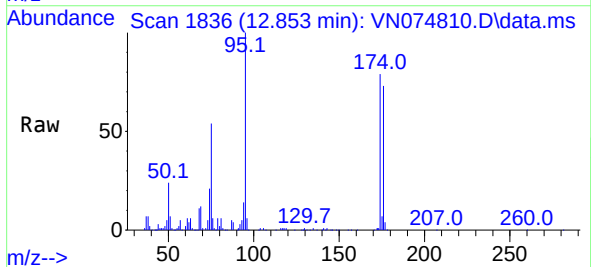
Instrument :
MSVOA_N
ClientSampleId :
5486-4

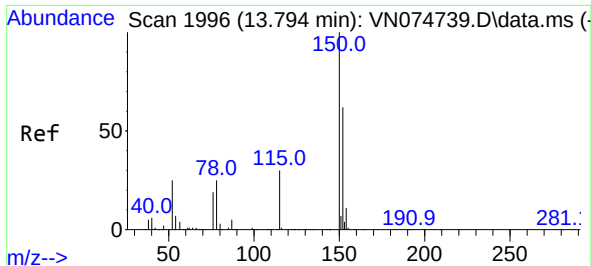
Tgt Ion:117 Resp: 417587
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.7 25.1 37.7



#71
Bromoform
Concen: 0.702 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion:173 Resp: 2501
Ion Ratio Lower Upper
173 100
175 478.8 23.9 71.7#
254 0.0 0.1 0.1#

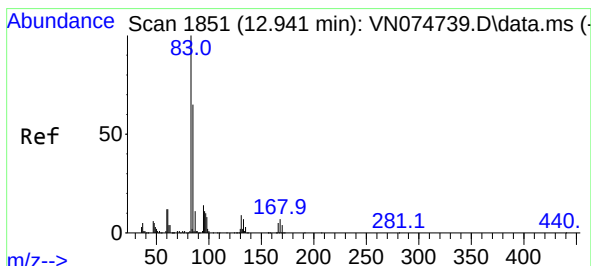
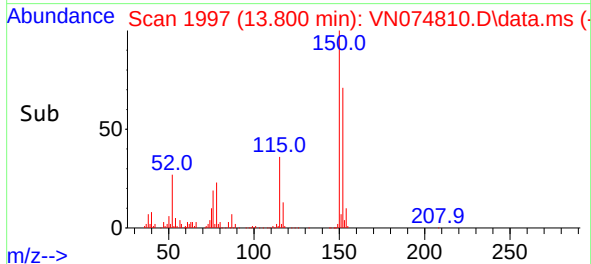
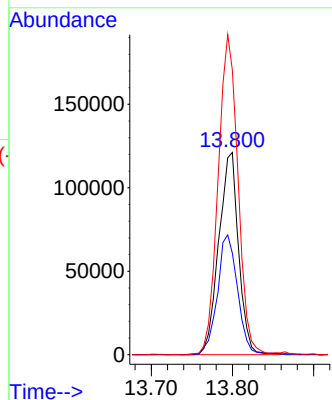
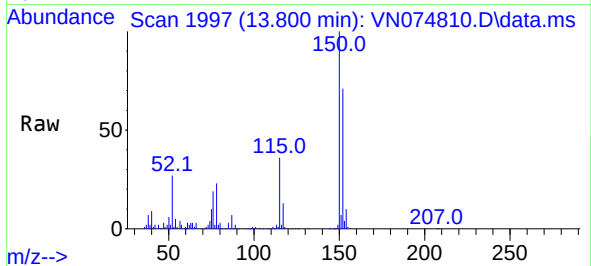




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

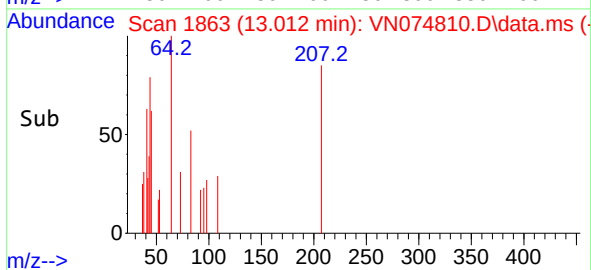
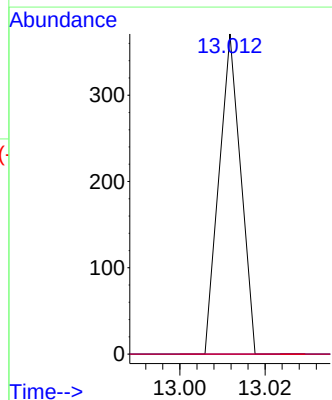
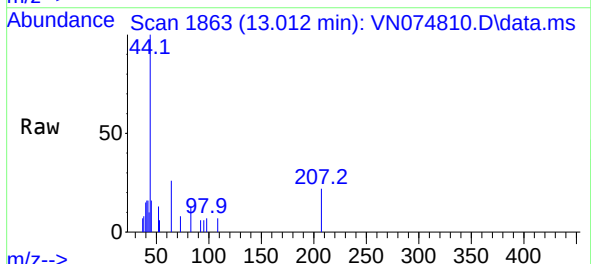
Instrument :
MSVOA_N
ClientSampleId :
5486-4

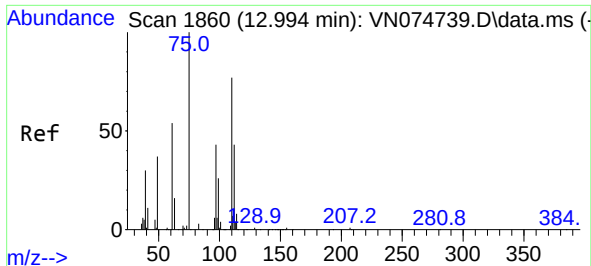
Tgt Ion:152 Resp: 206043
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 157.8 0.0 356.4



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 13.012 min Scan# 1863
Delta R.T. 0.071 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion: 83 Resp: 131
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 0.0 32.9 98.6#

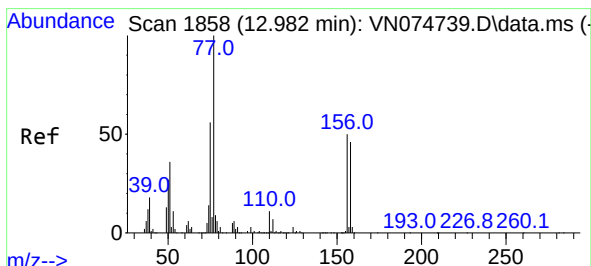
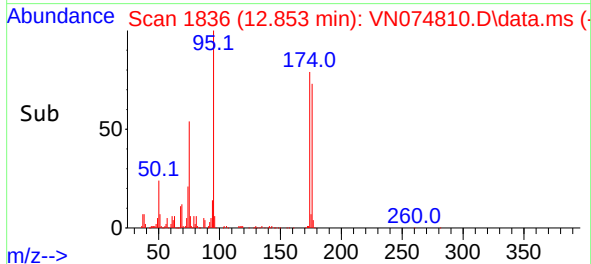
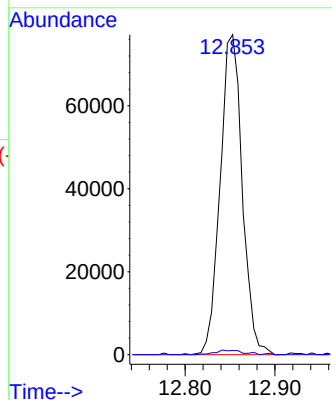
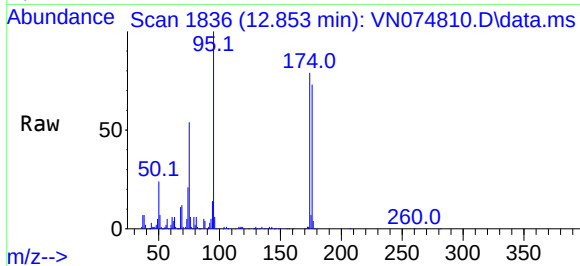




#76
1,2,3-Trichloropropane
Concen: 21.470 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

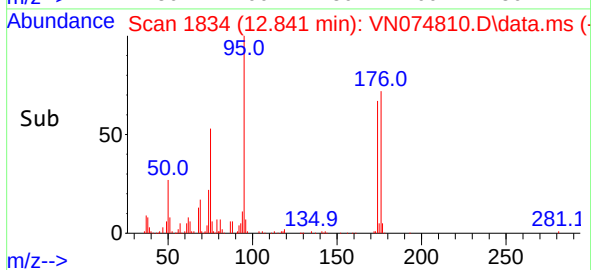
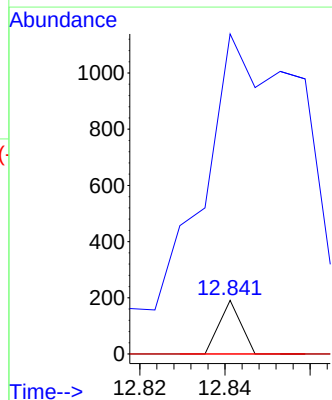
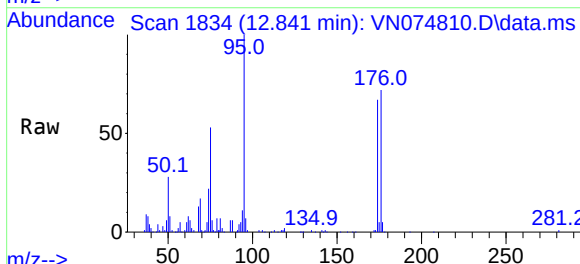
Instrument :
MSVOA_N
ClientSampleId :
5486-4

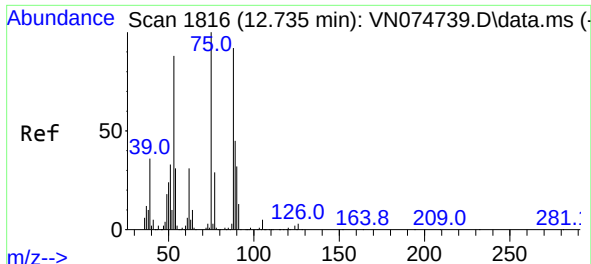
Tgt Ion: 75 Resp: 132037
Ion Ratio Lower Upper
75 100
77 1.8 76.9 230.7#



#77
Bromobenzene
Concen: Below Cal
RT: 12.841 min Scan# 1834
Delta R.T. -0.141 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion:156 Resp: 67
Ion Ratio Lower Upper
156 100
77 3549.3 124.7 374.1#
158 0.0 48.3 144.9#

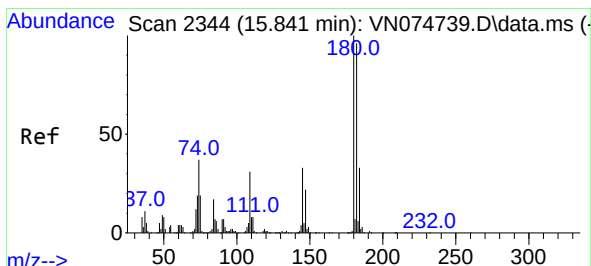
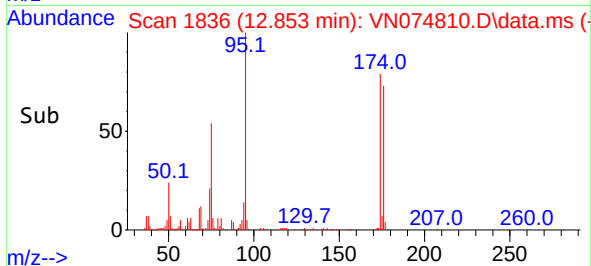
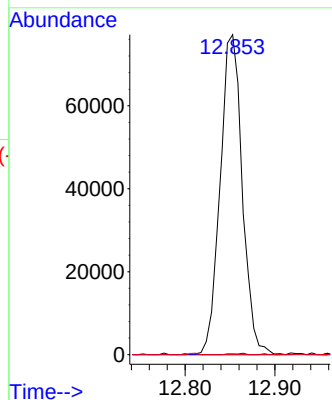
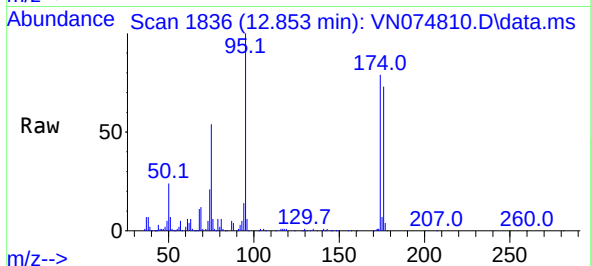




#81
trans-1,4-Dichloro-2-butene
Concen: 41.831 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Instrument :
MSVOA_N
ClientSampleId :
5486-4

Tgt Ion: 75 Resp: 132037
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.0#
89 0.0 32.1 48.1#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.982 min Scan# 2368
Delta R.T. 0.141 min
Lab File: VN074810.D
Acq: 07 Oct 2022 14:43

Tgt Ion:180 Resp: 77
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 17.1 51.2#

