

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076139.D
 Acq On : 06 Jan 2023 17:24
 Operator : JC\MD
 Sample : 01055-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-G

Quant Time: Jan 06 22:57:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

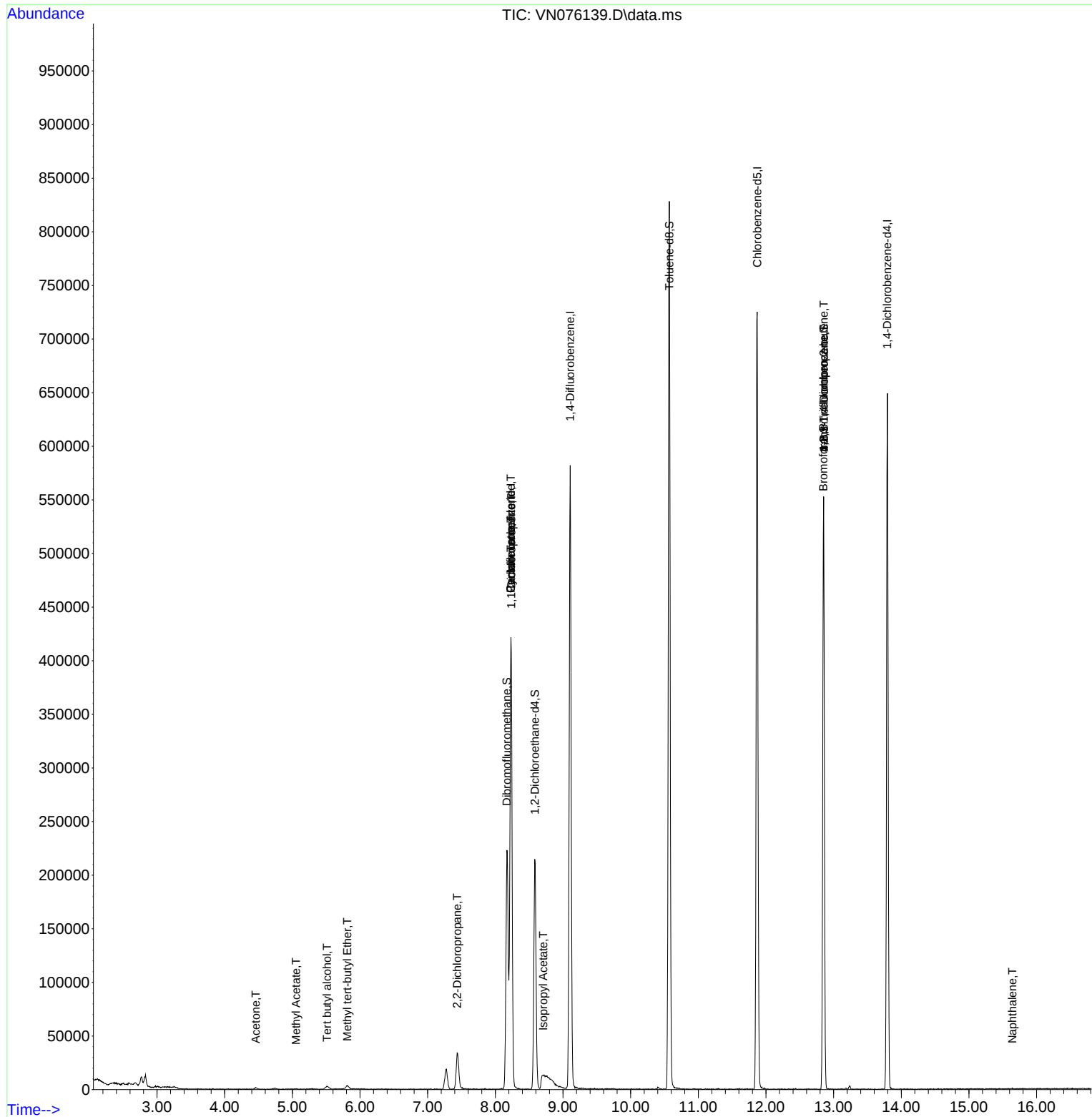
Internal Standards						
1) Pentafluorobenzene	8.230	168	327021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	450378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172198	48.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.171	113	158599	48.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	10.571	98	599528	49.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	182539	45.109	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	2750	5.463	ug/l #	72
16) Acetone	4.459	43	2178	1.776	ug/l	97
18) Methyl Acetate	5.053	43	1006	0.278	ug/l #	45
19) Methyl tert-butyl Ether	5.812	73	5492	0.575	ug/l #	88
20) Methylene Chloride	5.295	84	58	Below Cal	#	1
26) 2,2-Dichloropropane	7.436	77	2654	0.571	ug/l #	50
31) Cyclohexane	8.230	56	6268	1.230	ug/l #	18
36) 1,1-Dichloropropene	8.236	75	23853	5.495	ug/l #	49
38) Carbon Tetrachloride	8.230	117	32863	6.764	ug/l #	17
43) Isopropyl Acetate	8.706	43	9856	1.714	ug/l #	50
71) Bromoform	12.847	173	1525	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	94601	25.807	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	94601	92.894	ug/l #	12
95) Naphthalene	15.641	128	182	2.195	ug/l #	69

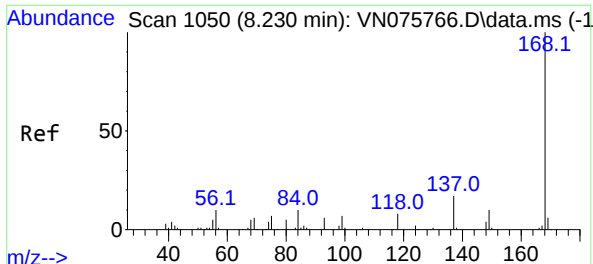
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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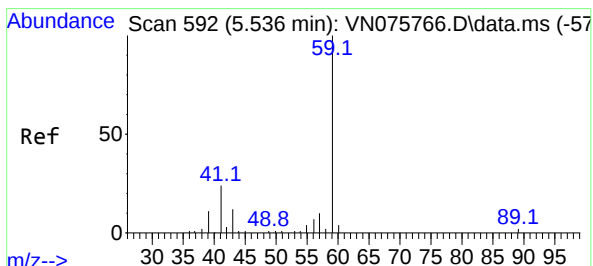
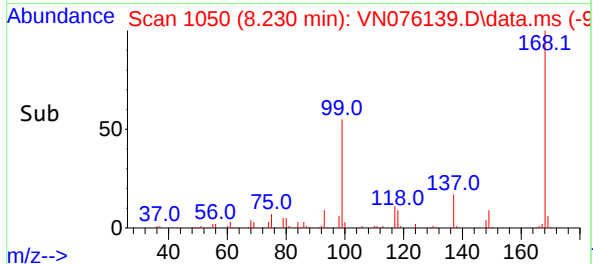
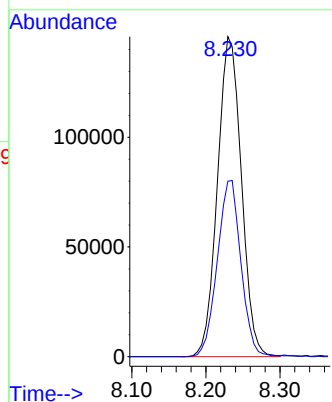
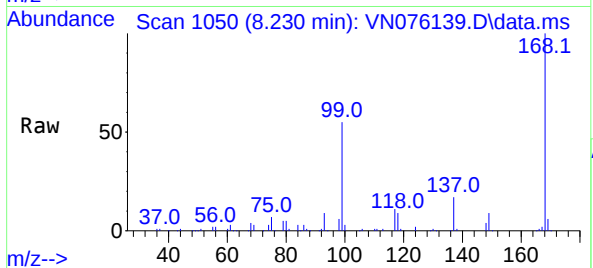




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

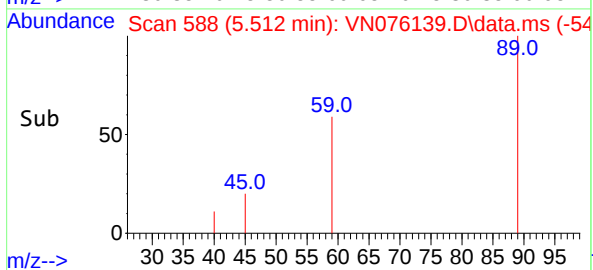
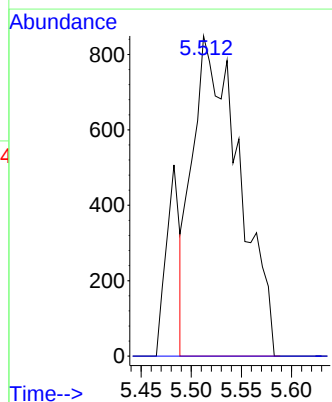
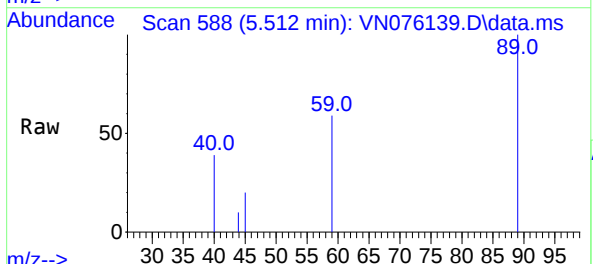
Instrument :
MSVOA_N
ClientSampleId :
MH-G

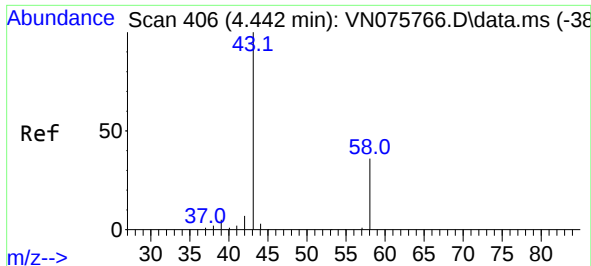
Tgt Ion:168 Resp: 327021
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.463 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.024 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 59 Resp: 2750
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

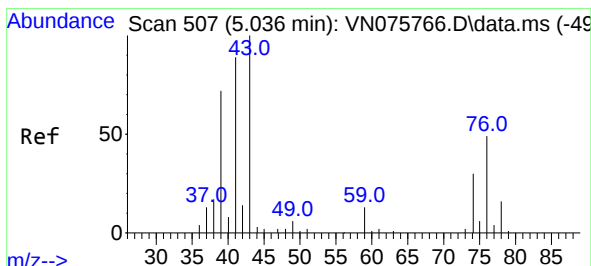
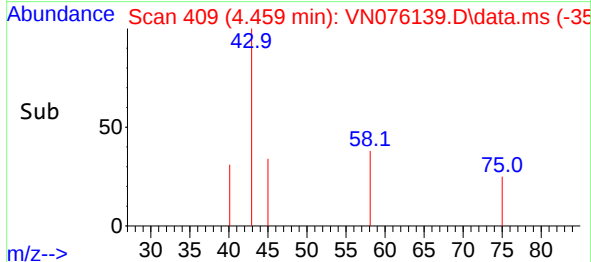
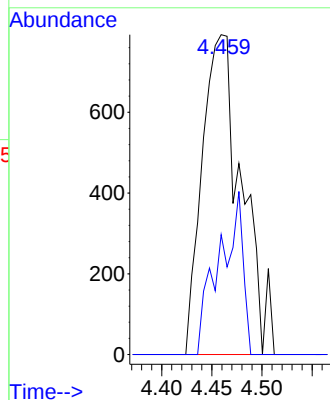
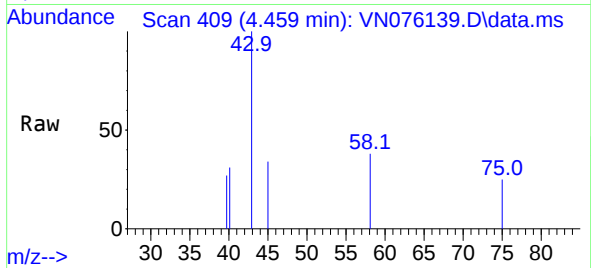




#16
Acetone
Concen: 1.776 ug/l
RT: 4.459 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

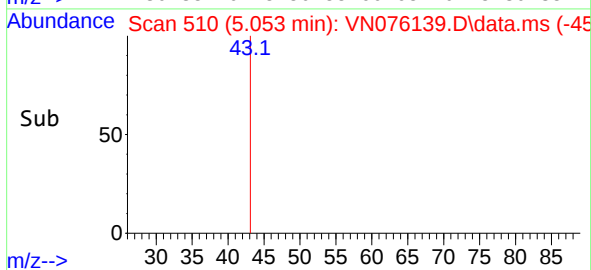
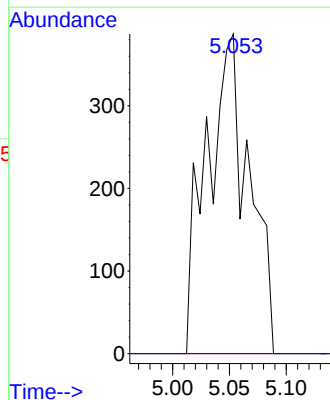
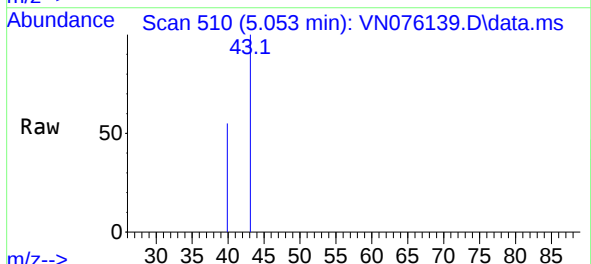
Instrument :
MSVOA_N
ClientSampleId :
MH-G

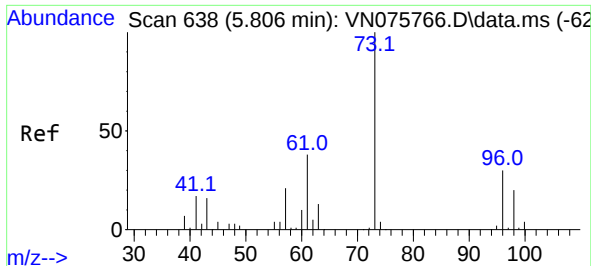
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
58 37.5 28.6 43.0



#18
Methyl Acetate
Concen: 0.278 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
74 0.0 23.6 35.4#

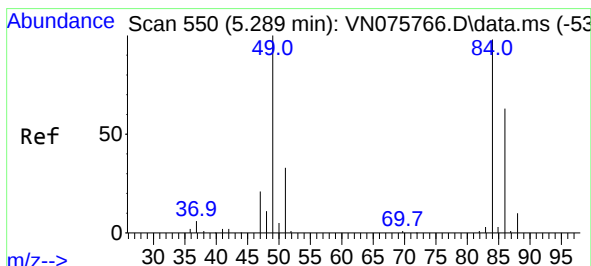
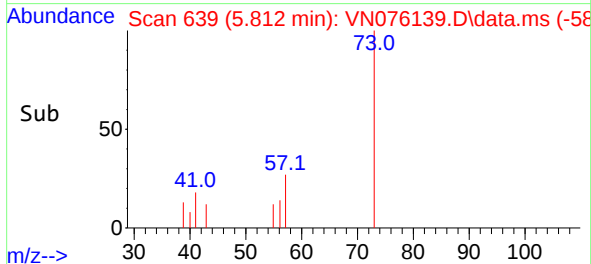
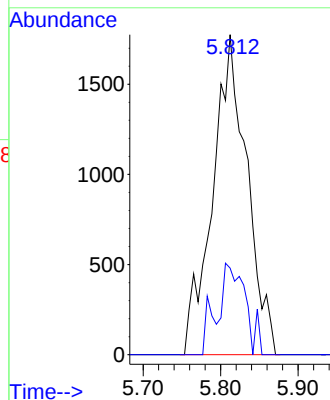
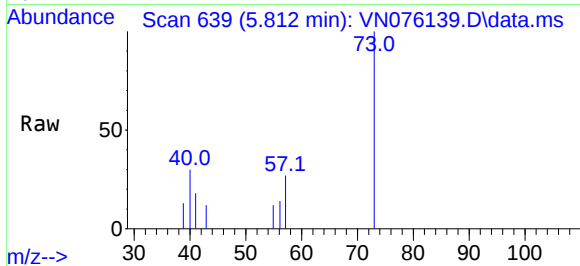




#19
Methyl tert-butyl Ether
Concen: 0.575 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

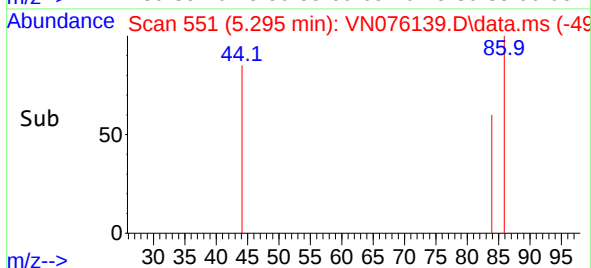
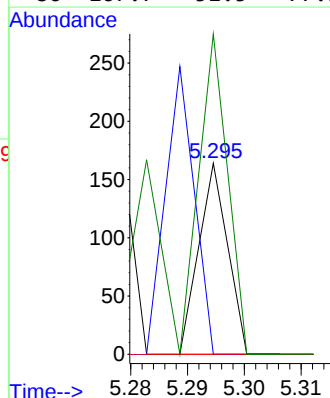
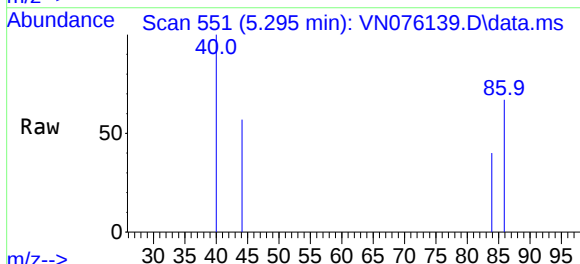
Instrument :
MSVOA_N
ClientSampleId :
MH-G

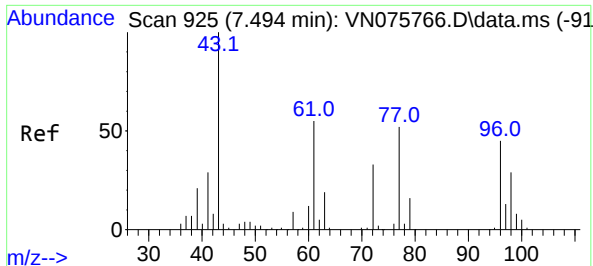
Tgt Ion: 73 Resp: 5492
Ion Ratio Lower Upper
73 100
57 27.0 17.1 25.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 84 Resp: 58
Ion Ratio Lower Upper
84 100
49 0.0 81.8 122.6#
51 0.0 26.7 40.1#
86 167.7 51.5 77.3#

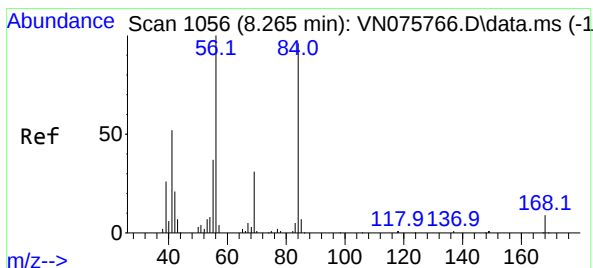
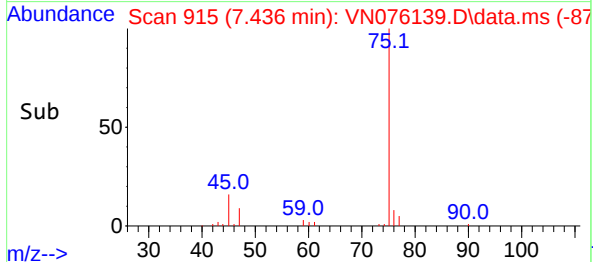
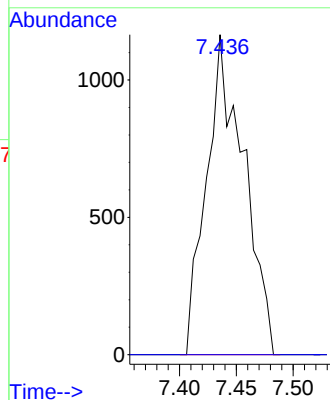
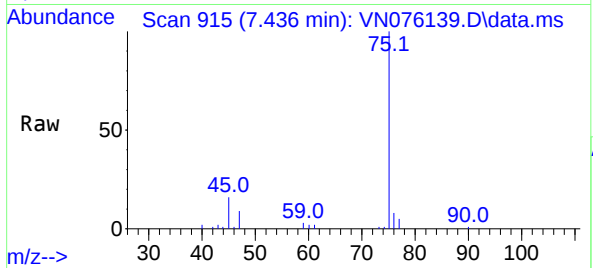




#26
2,2-Dichloropropane
Concen: 0.571 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

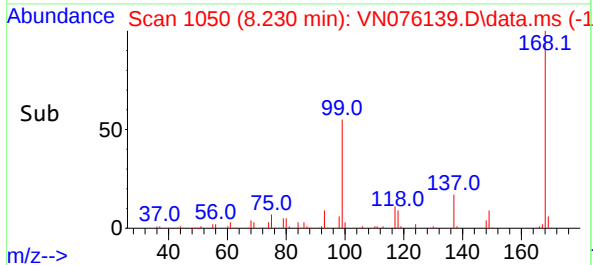
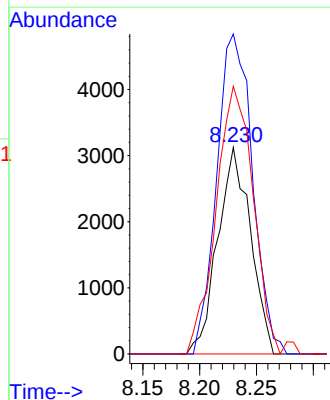
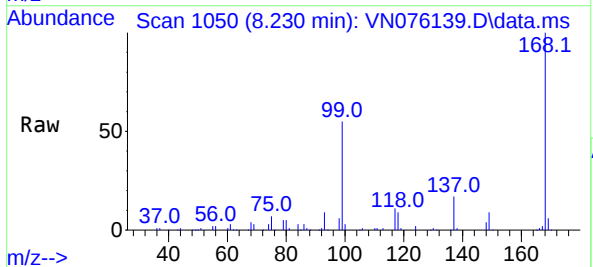
Instrument :
MSVOA_N
ClientSampleId :
MH-G

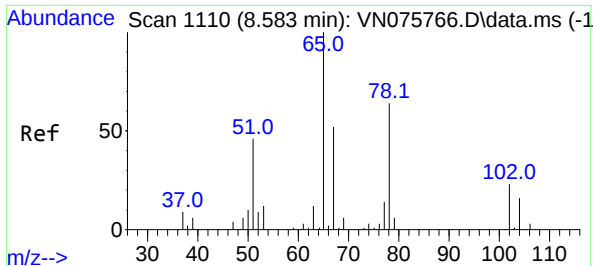
Tgt Ion: 77 Resp: 2654
Ion Ratio Lower Upper
77 100
97 0.0 12.7 38.0#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 56 Resp: 6268
Ion Ratio Lower Upper
56 100
69 154.9 24.7 37.1#
84 129.6 76.5 114.7#

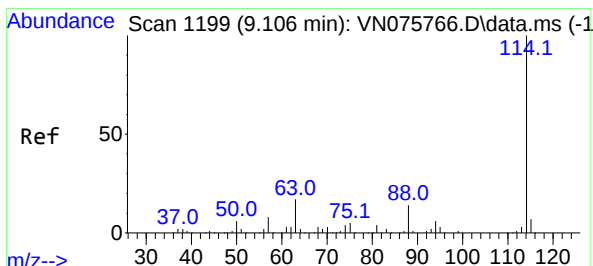
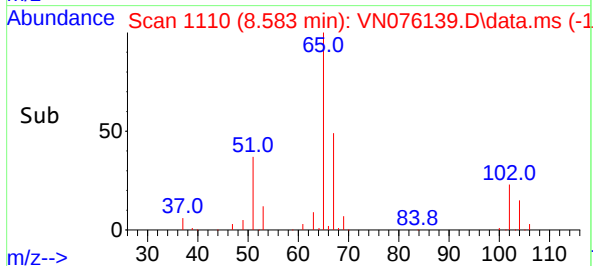
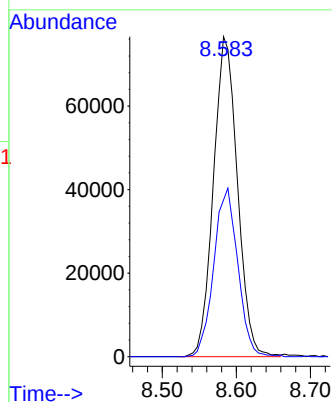
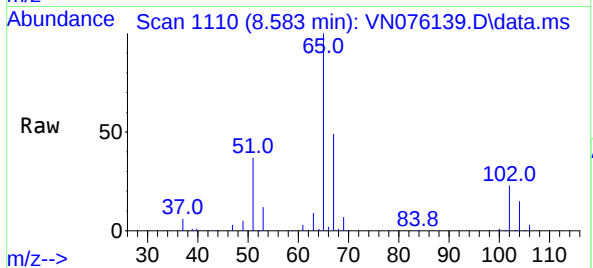




#33
1,2-Dichloroethane-d4
Concen: 48.402 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

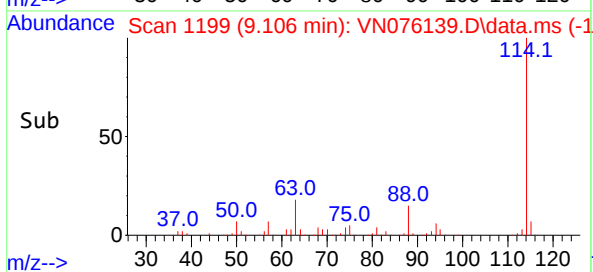
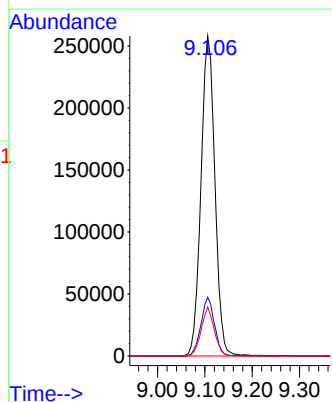
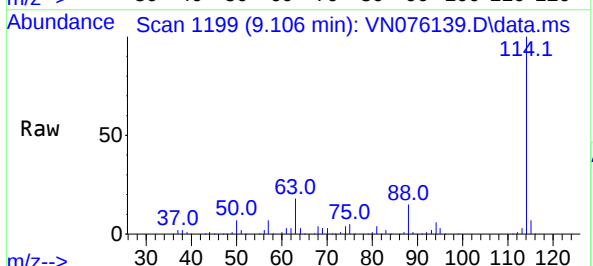
Instrument :
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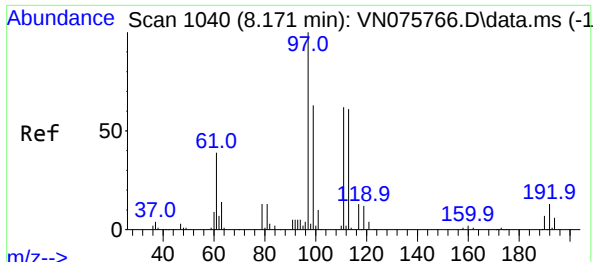
Tgt Ion: 65 Resp: 172198
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

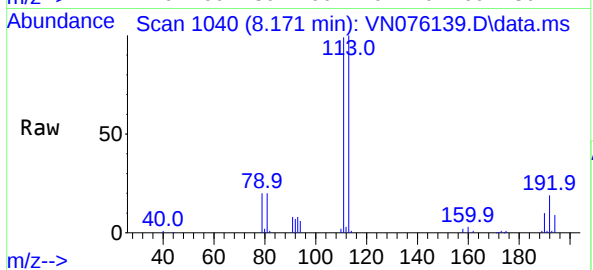
Tgt Ion: 114 Resp: 527655
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.4
88 15.3 0.0 28.8



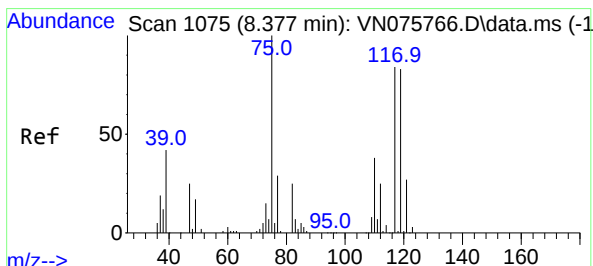
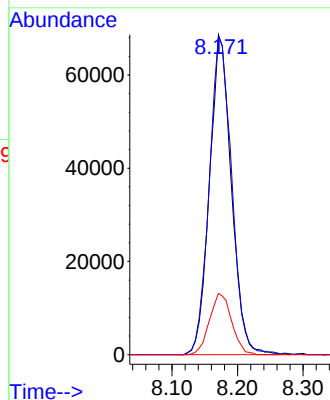
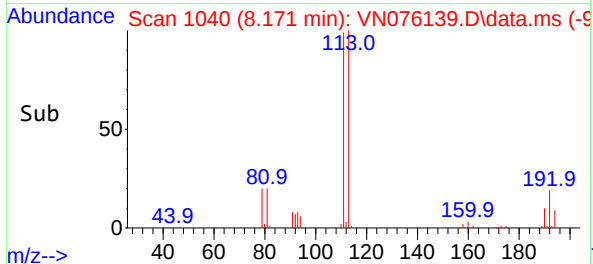


#35
Dibromofluoromethane
Concen: 48.535 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

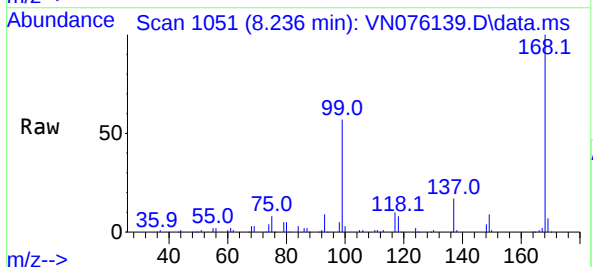
Instrument :
MSVOA_N
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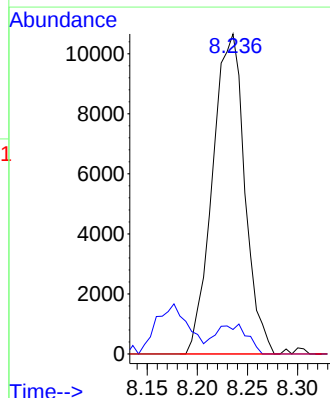
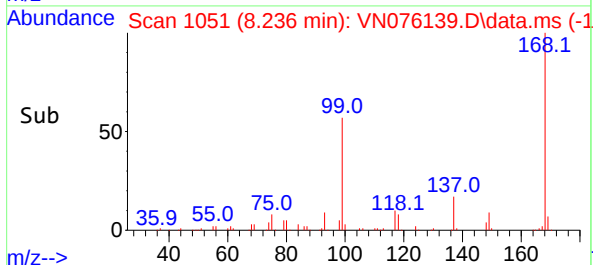
Tgt Ion:113 Resp: 158599
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 19.4 16.1 24.1

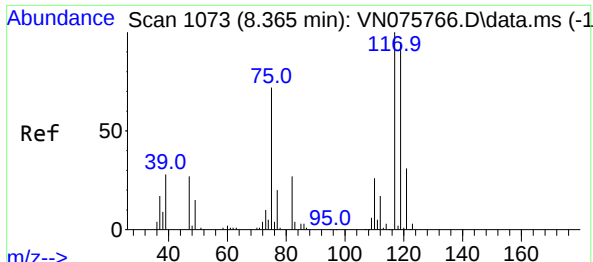


#36
1,1-Dichloropropene
Concen: 5.495 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24



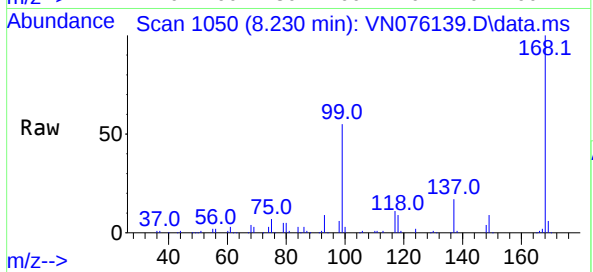
Tgt Ion: 75 Resp: 23853
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 24.1 36.1#



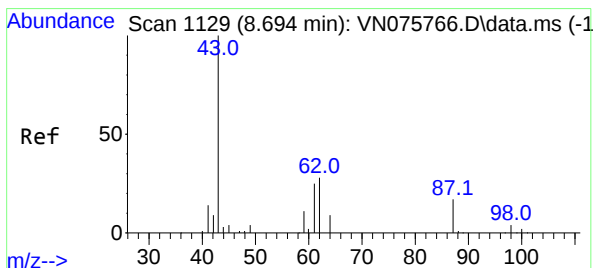
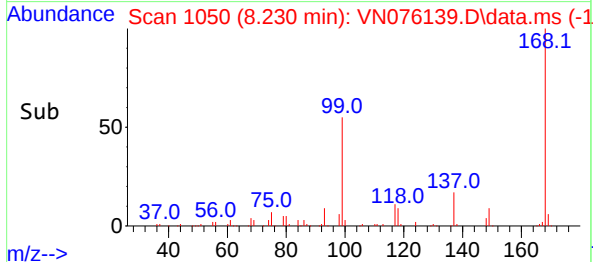
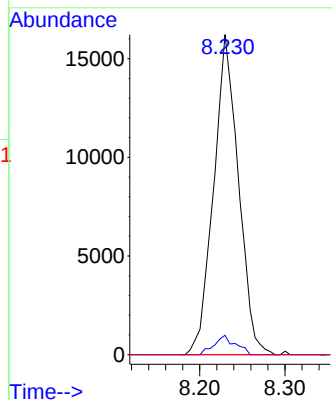


#38
Carbon Tetrachloride
Concen: 6.764 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :
MH-G

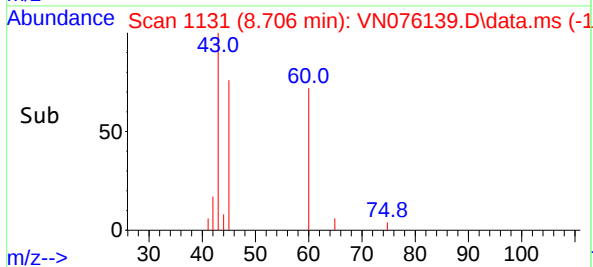
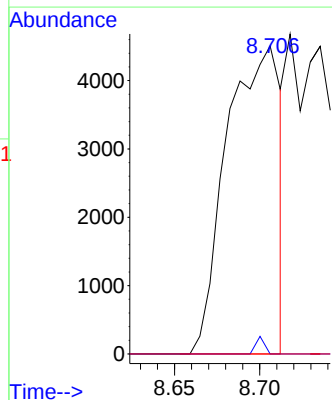
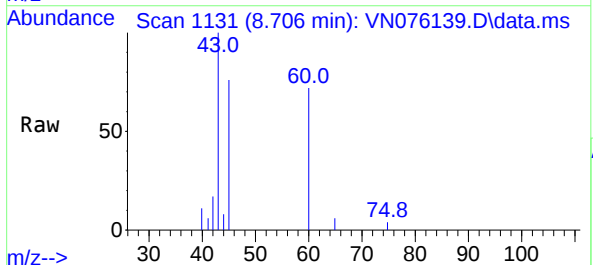


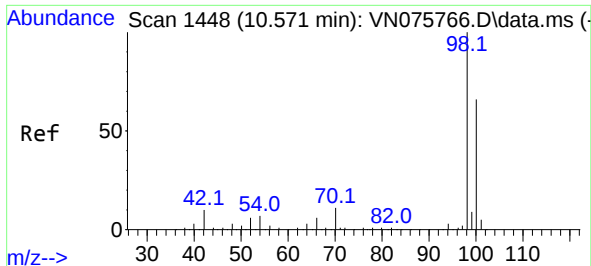
Tgt Ion:117 Resp: 32863
Ion Ratio Lower Upper
117 100
119 6.1 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 1.714 ug/l
RT: 8.706 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 43 Resp: 9856
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

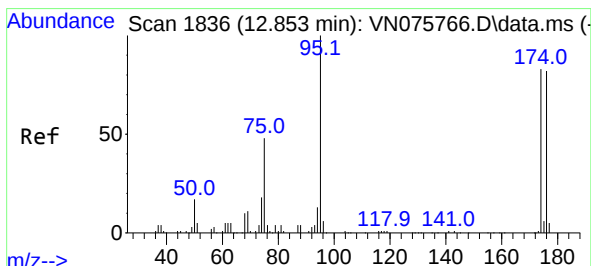
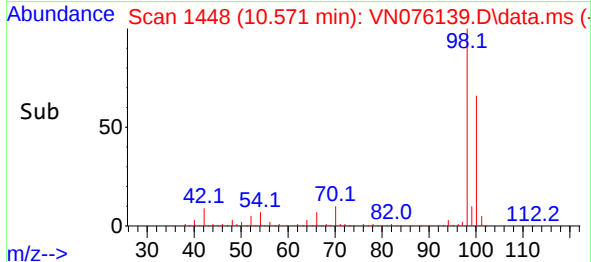
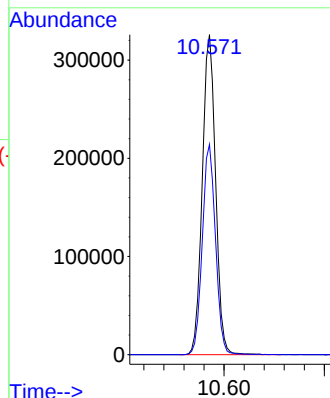
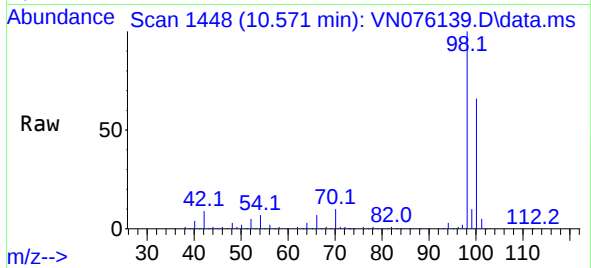




#50
Toluene-d8
Concen: 49.071 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

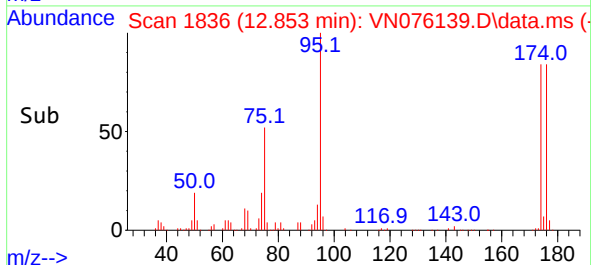
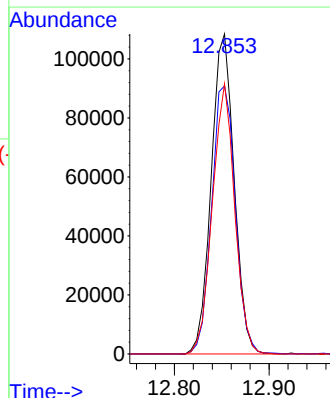
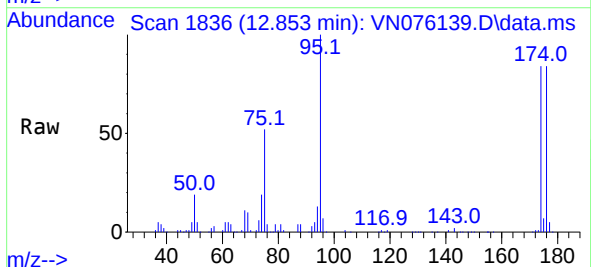
Instrument :
MSVOA_N
ClientSampleId :
MH-G

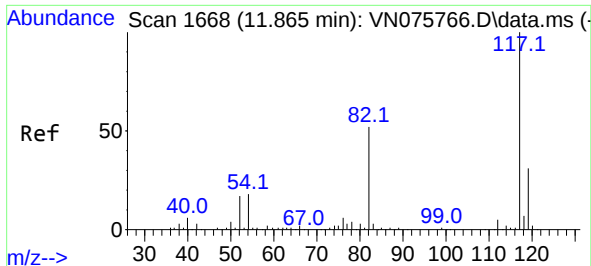
Tgt Ion: 98 Resp: 599528
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.109 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 95 Resp: 182539
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 82.3 0.0 169.2

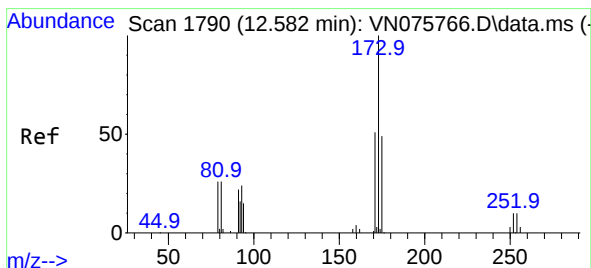
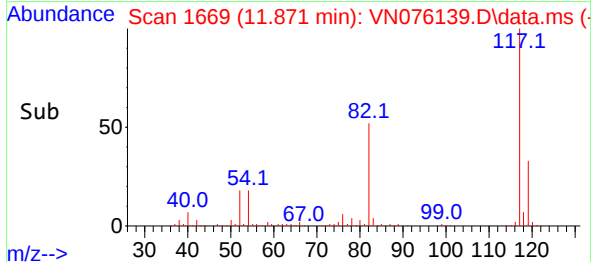
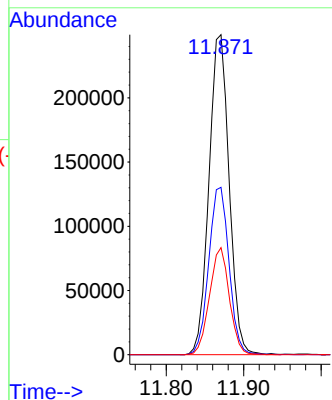
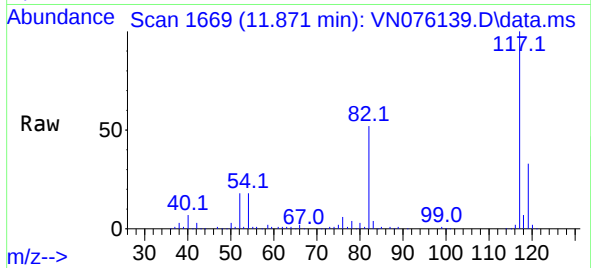




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

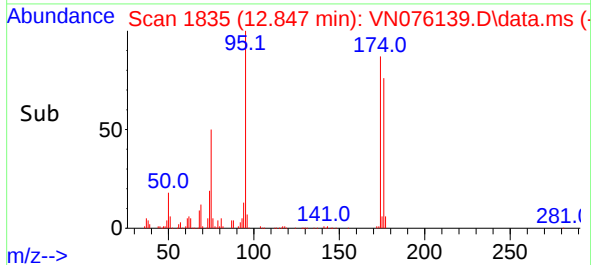
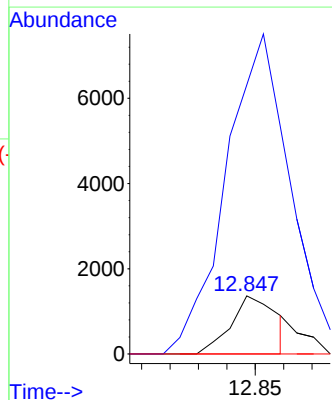
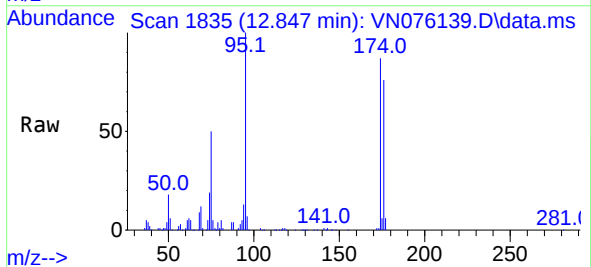
Instrument :
MSVOA_N
ClientSampleId :
MH-G

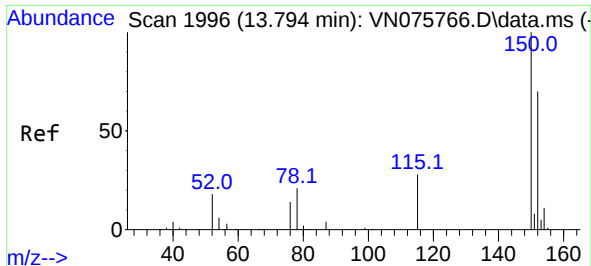
Tgt Ion:117 Resp: 450378
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 33.5 24.6 37.0



#71
Bromoform
Concen: 0.612 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion:173 Resp: 1525
Ion Ratio Lower Upper
173 100
175 648.9 24.3 72.8#
254 0.0 0.0 0.0

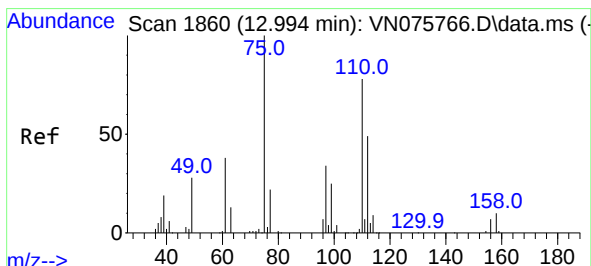
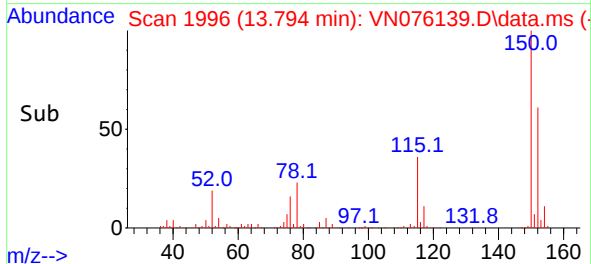
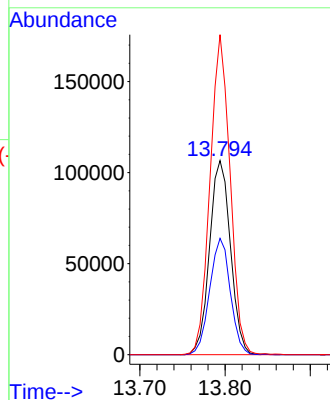
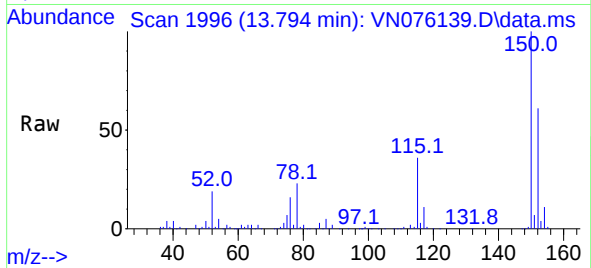




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

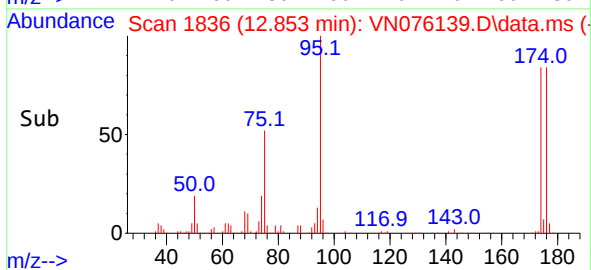
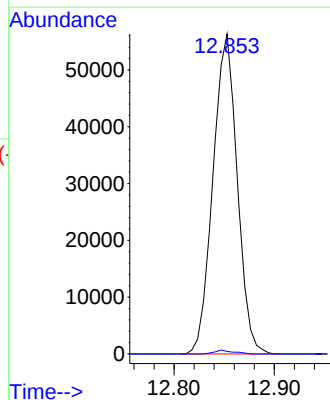
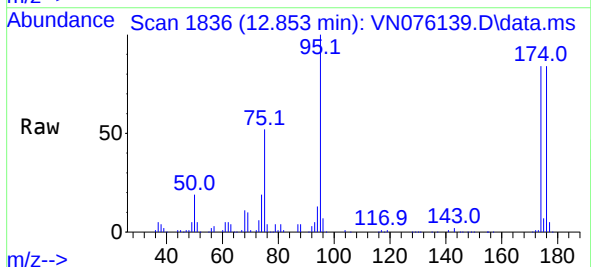
Instrument :
MSVOA_N
ClientSampleId :
MH-G

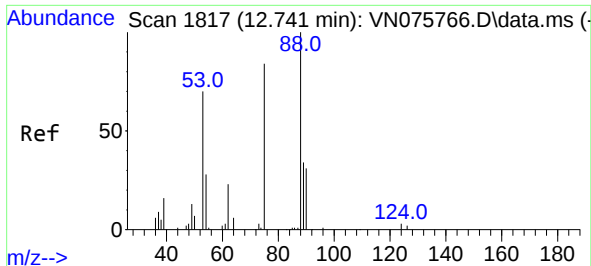
Tgt Ion:152 Resp: 181850
Ion Ratio Lower Upper
152 100
115 59.0 29.1 87.4
150 157.7 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.807 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 75 Resp: 94601
Ion Ratio Lower Upper
75 100
77 0.9 82.6 247.8#

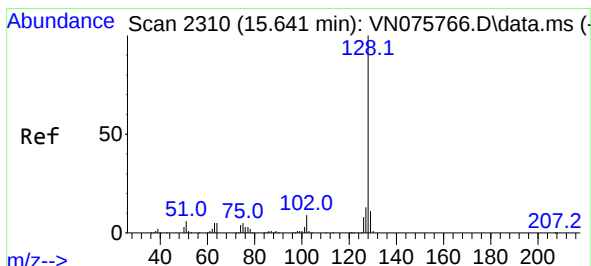
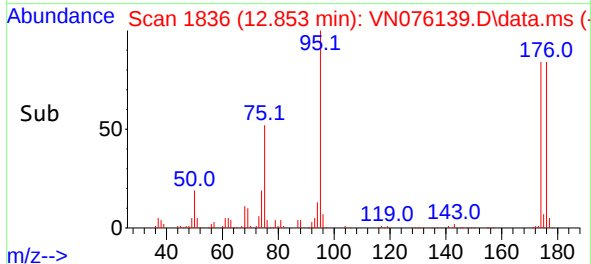
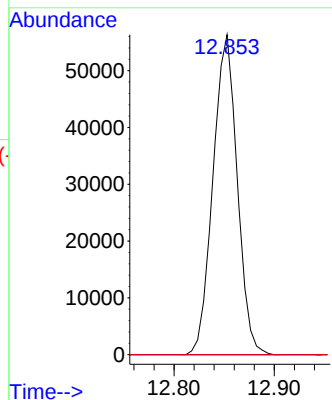
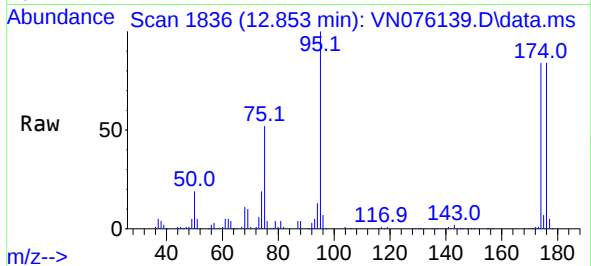




#81
trans-1,4-Dichloro-2-butene
Concen: 92.894 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :
MH-G

Tgt Ion: 75 Resp: 94601
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.195 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 128 Resp: 182
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

