

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076137.D
 Acq On : 06 Jan 2023 16:36
 Operator : JC\MD
 Sample : 01055-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-J

Quant Time: Jan 06 22:56:53 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)

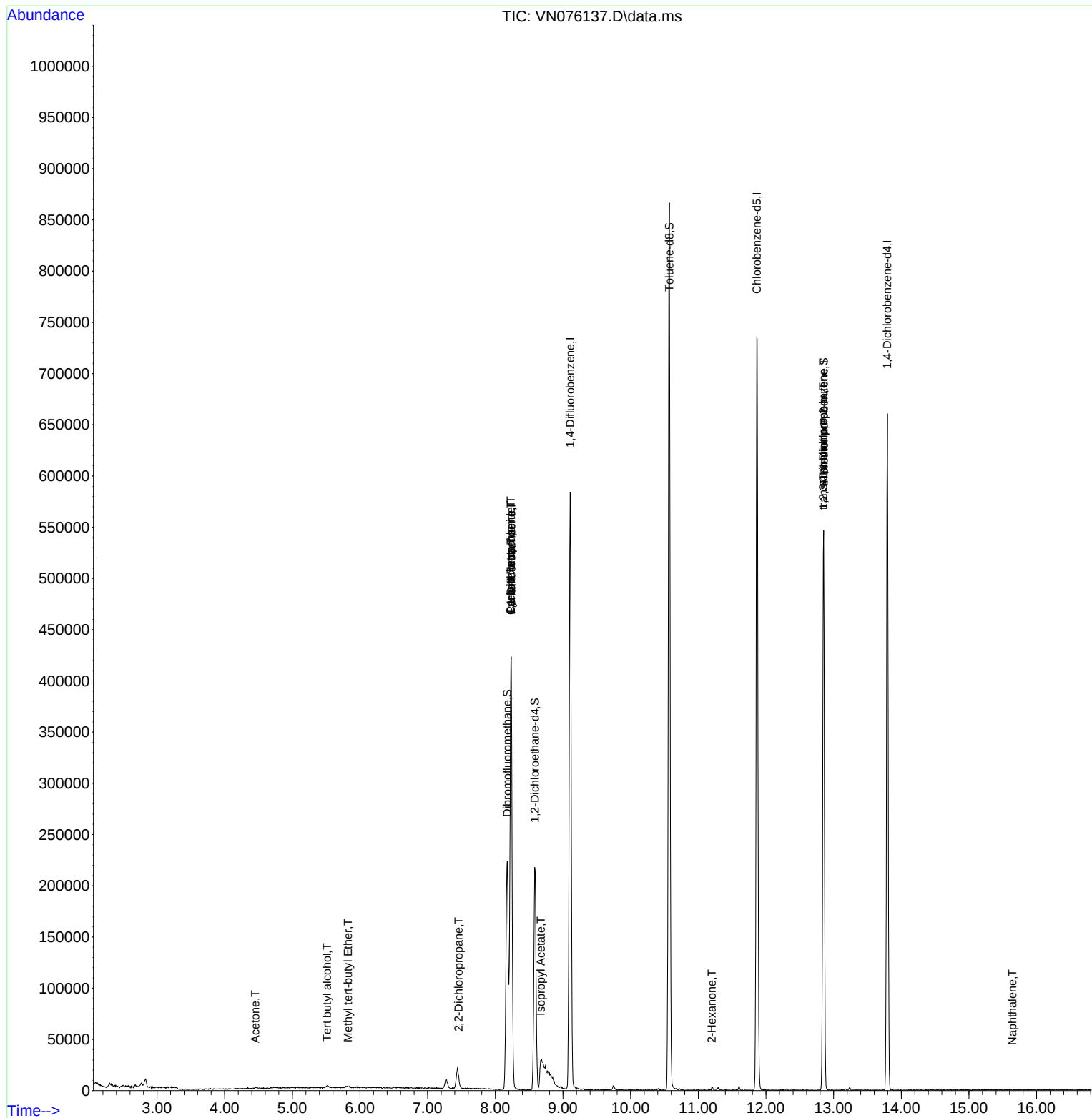
Internal Standards						
1) Pentafluorobenzene	8.236	168	325425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	456945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177275	50.073	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.140%	
35) Dibromofluoromethane	8.177	113	161686	48.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.360%	
50) Toluene-d8	10.571	98	604147	48.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	12.853	95	183649	44.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	766	1.529	ug/l #	72
16) Acetone	4.453	43	1617	1.325	ug/l #	39
19) Methyl tert-butyl Ether	5.824	73	2407	0.253	ug/l #	55
26) 2,2-Dichloropropane	7.459	77	1485	0.321	ug/l #	50
31) Cyclohexane	8.230	56	6194	1.222	ug/l #	3
36) 1,1-Dichloropropene	8.230	75	23413	5.306	ug/l #	49
38) Carbon Tetrachloride	8.230	117	31847	6.449	ug/l #	17
43) Isopropyl Acetate	8.671	43	16603	2.840	ug/l #	54
59) 2-Hexanone	11.200	43	558	0.216	ug/l #	20
71) Bromoform	12.853	173	1796	0.711	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	95994	25.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	95994	92.978	ug/l #	12
95) Naphthalene	15.641	128	439	2.219	ug/l #	69

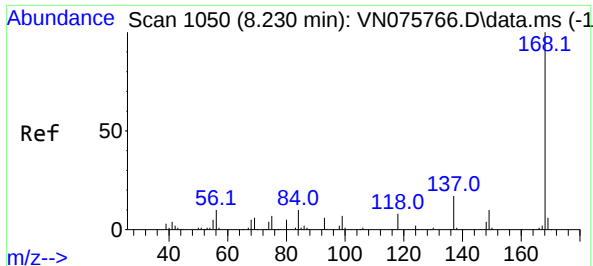
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VN076137.D

Acq: 06 Jan 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

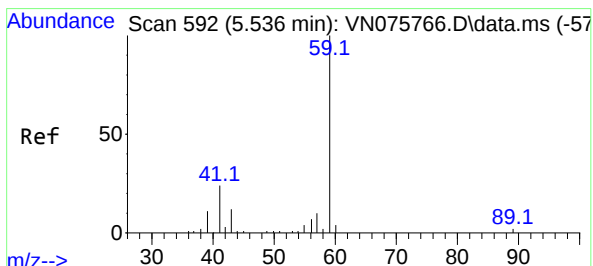
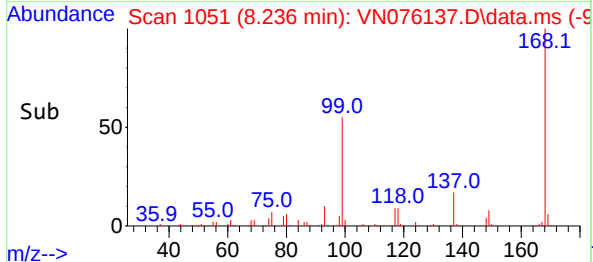
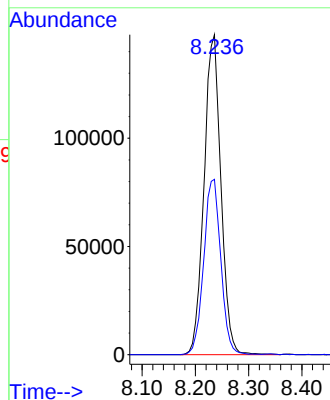
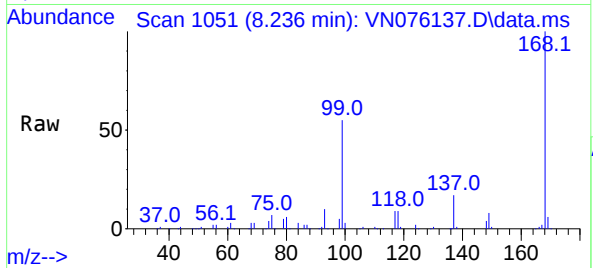
MH-J

Tgt Ion:168 Resp: 325425

Ion Ratio Lower Upper

168 100

99 54.8 44.2 66.4



#11

Tert butyl alcohol

Concen: 1.529 ug/l

RT: 5.512 min Scan# 588

Delta R.T. -0.023 min

Lab File: VN076137.D

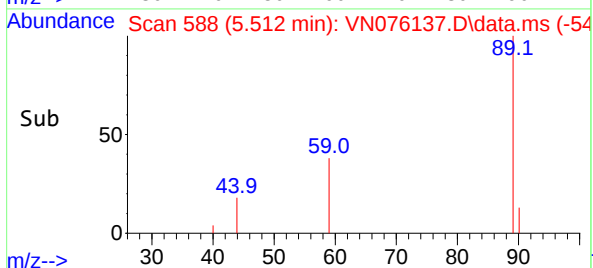
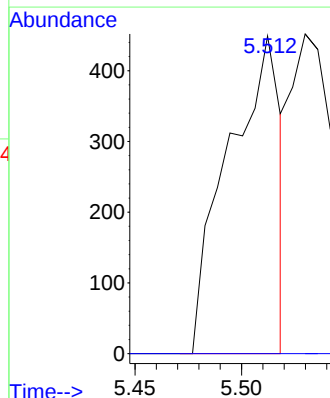
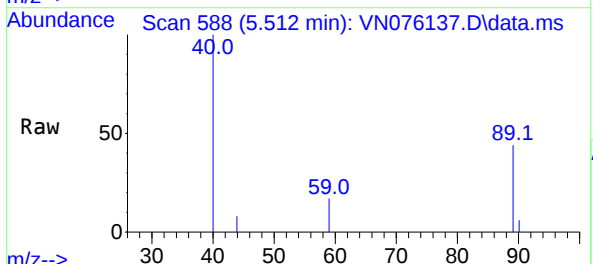
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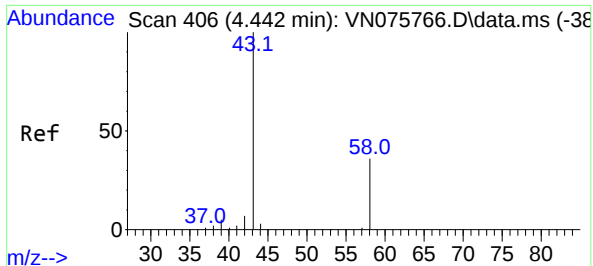
Tgt Ion: 59 Resp: 766

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

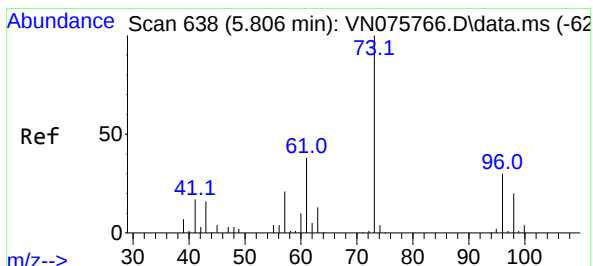
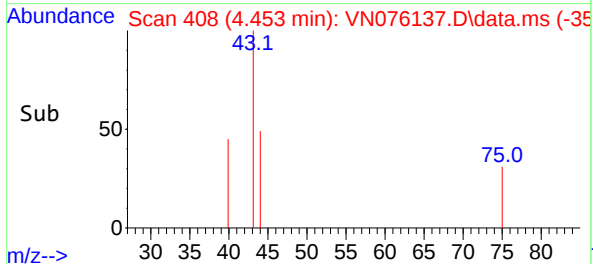
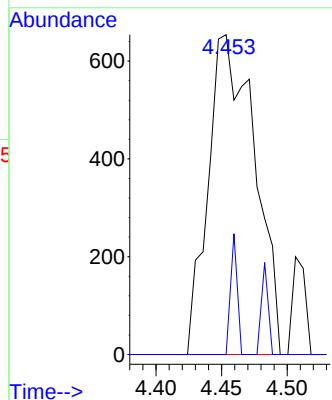
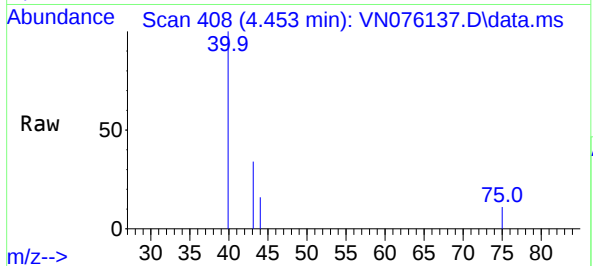




#16
Acetone
Concen: 1.325 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

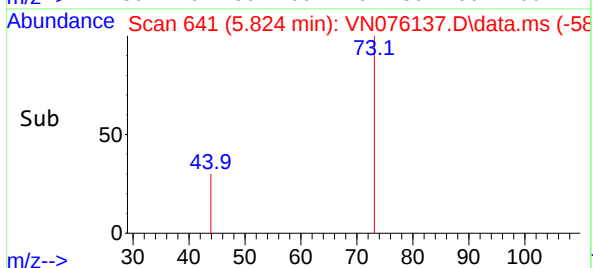
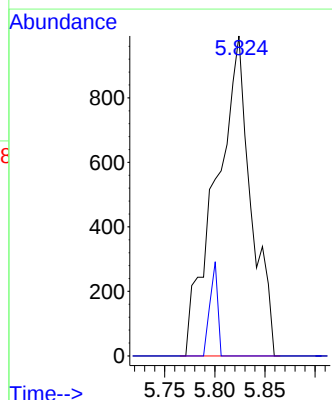
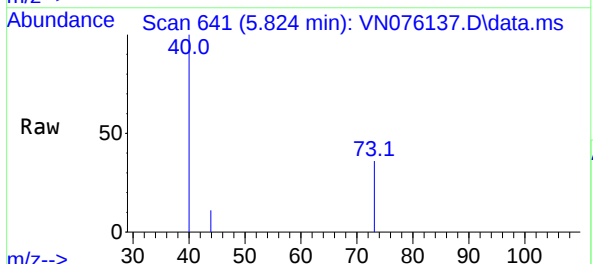
Instrument :
MSVOA_N
ClientSampleId :
MH-J

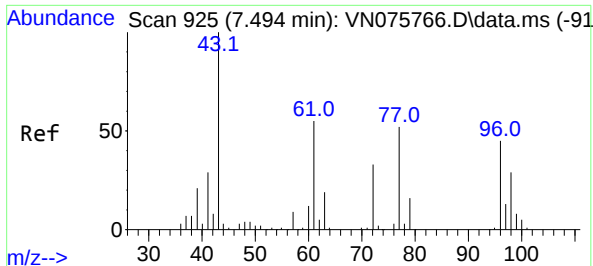
Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#19
Methyl tert-butyl Ether
Concen: 0.253 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion: 73 Resp: 2407
Ion Ratio Lower Upper
73 100
57 0.0 17.1 25.7#





#26

2,2-Dichloropropane

Concen: 0.321 ug/l

RT: 7.459 min Scan# 91

Delta R.T. -0.035 min

Lab File: VN076137.D

Acq: 06 Jan 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

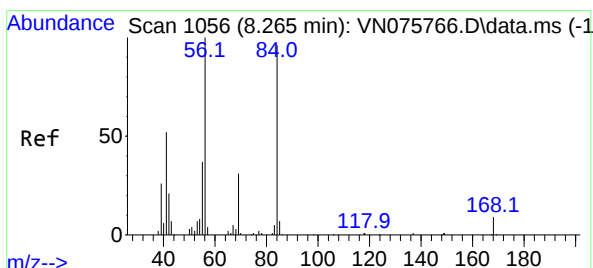
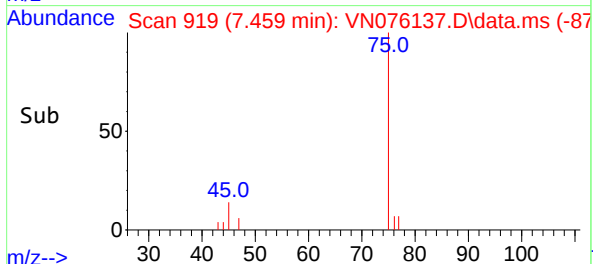
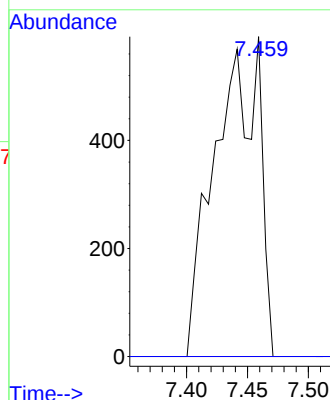
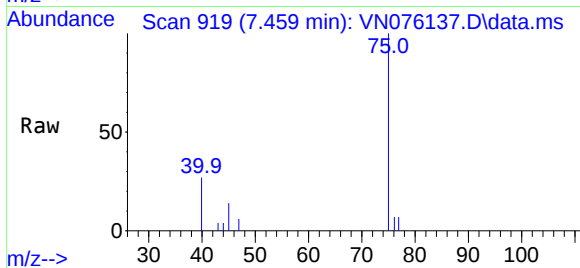
MH-J

Tgt Ion: 77 Resp: 1485

Ion Ratio Lower Upper

77 100

97 0.0 12.7 38.0#



#31

Cyclohexane

Concen: 1.222 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN076137.D

Acq: 06 Jan 2023 16:36

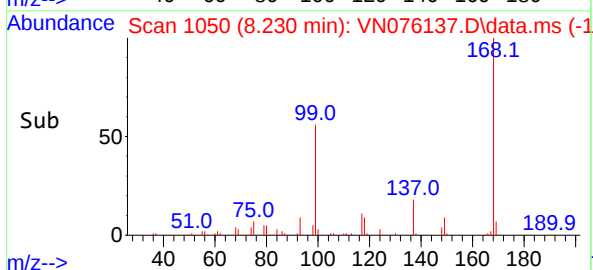
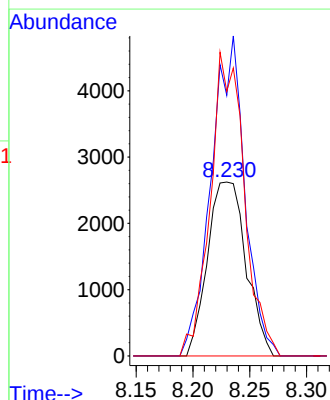
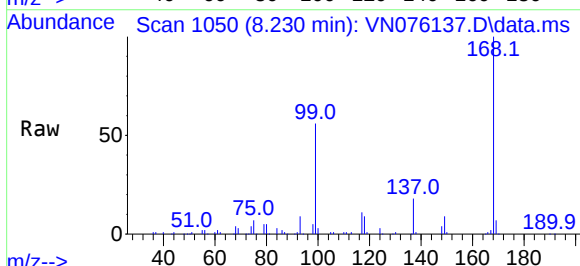
Tgt Ion: 56 Resp: 6194

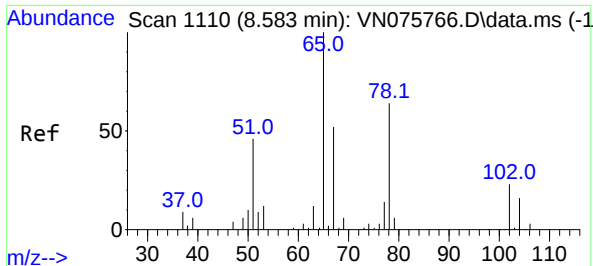
Ion Ratio Lower Upper

56 100

69 149.9 24.7 37.1#

84 152.3 76.5 114.7#

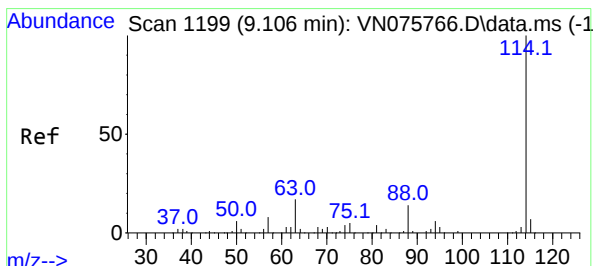
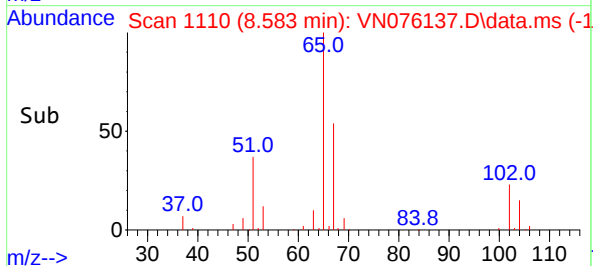
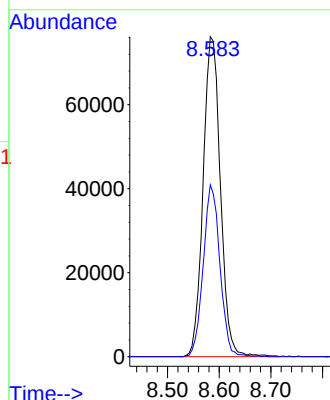
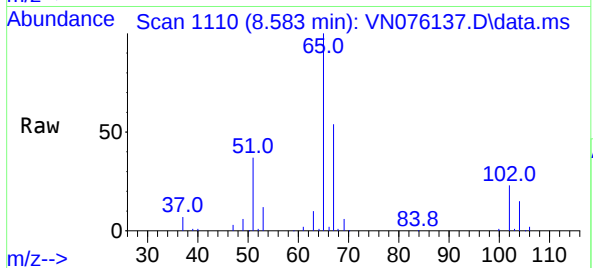




#33
1,2-Dichloroethane-d4
Concen: 50.073 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

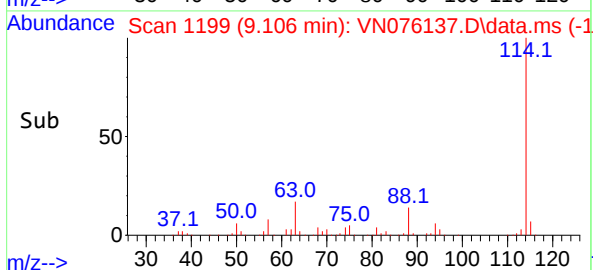
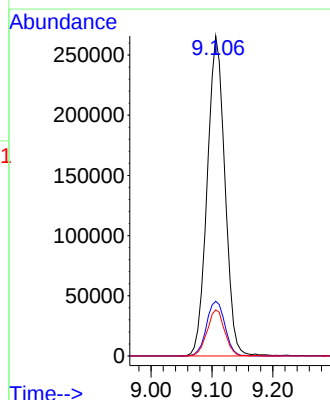
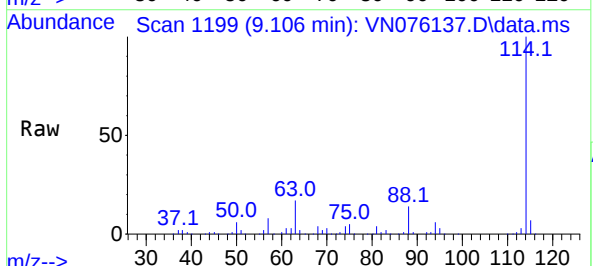
Instrument :
MSVOA_N
ClientSampleId :
MH-J

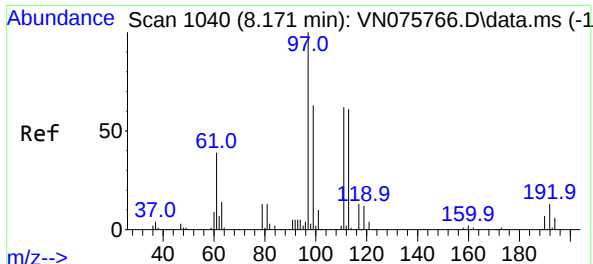
Tgt Ion: 65 Resp: 177275
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion: 114 Resp: 536380
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.4
88 14.4 0.0 28.8

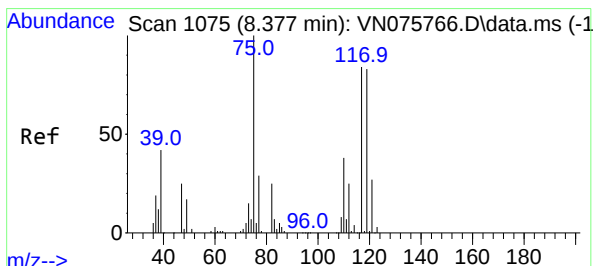
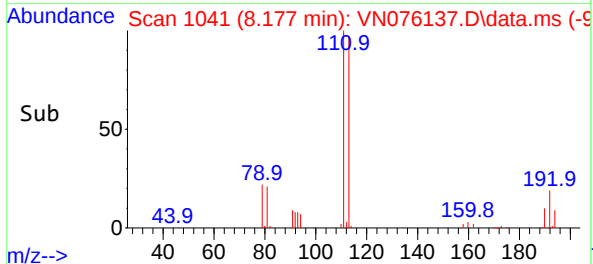
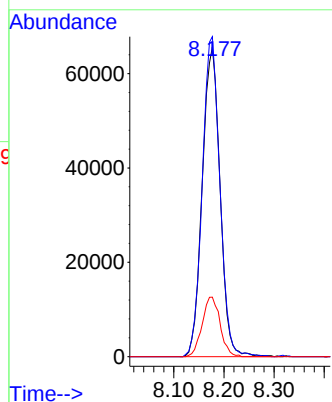
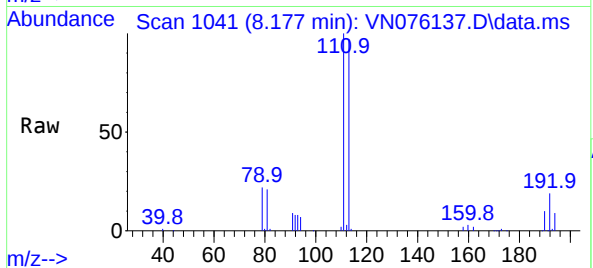




#35
Dibromofluoromethane
Concen: 48.675 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

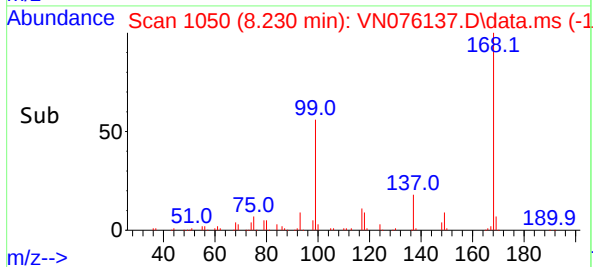
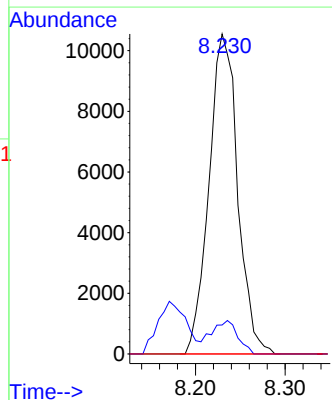
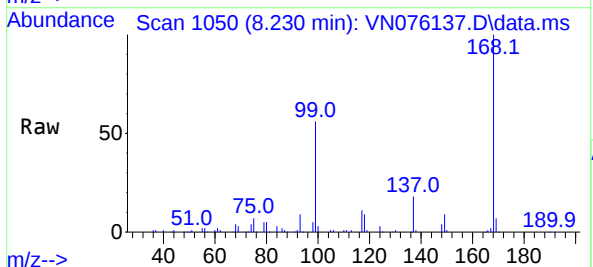
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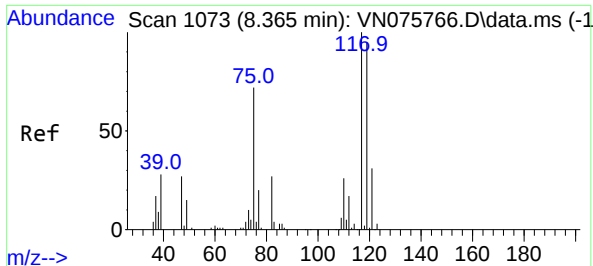
Tgt Ion:113 Resp: 161686
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.306 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion: 75 Resp: 23413
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 24.1 36.1#

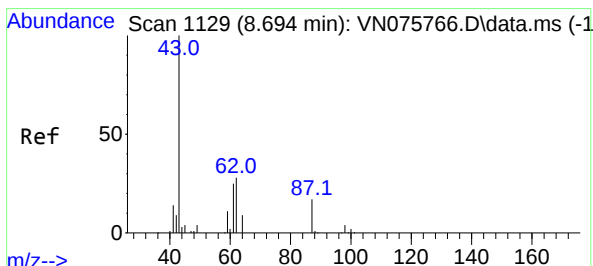
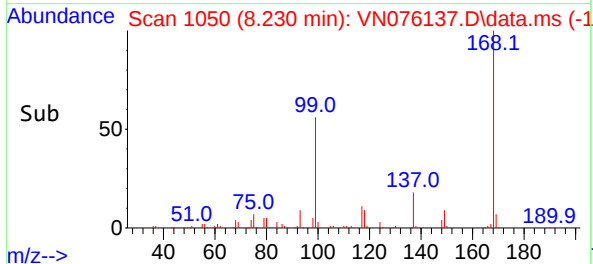
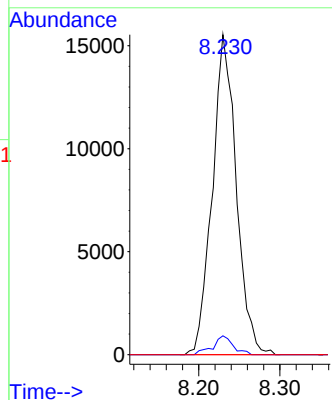
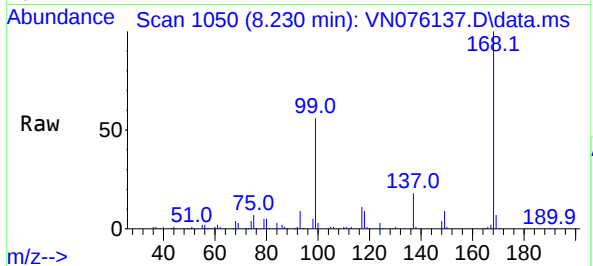




#38
Carbon Tetrachloride
Concen: 6.449 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

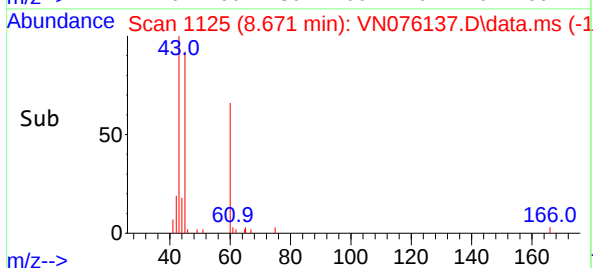
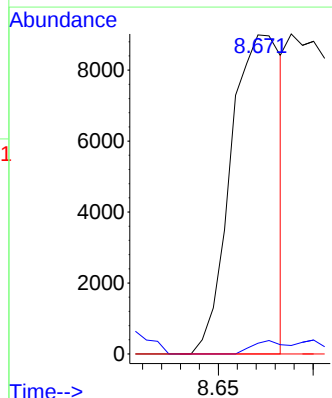
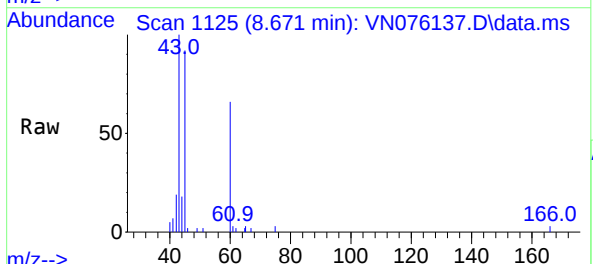
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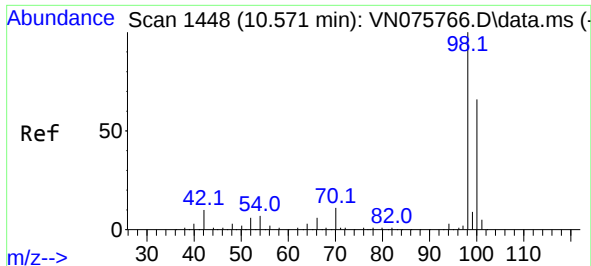
Tgt Ion:117 Resp: 31847
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.840 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.023 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion: 43 Resp: 16603
Ion Ratio Lower Upper
43 100
61 2.8 24.2 36.4#
87 0.0 13.3 19.9#

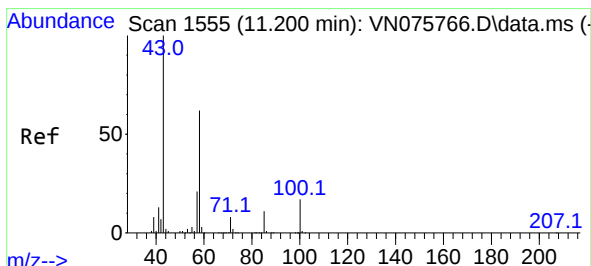
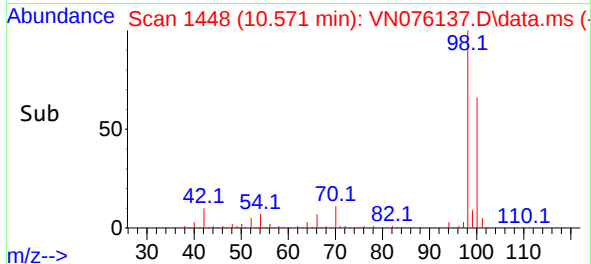
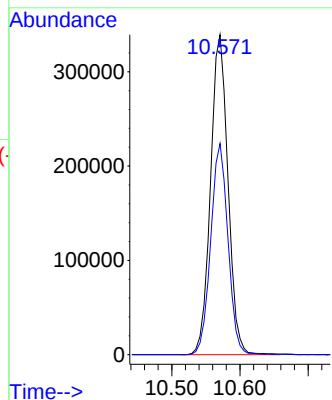
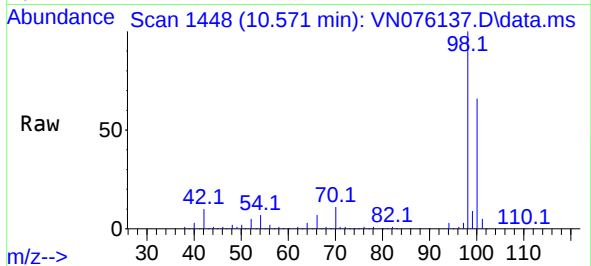




#50
Toluene-d8
Concen: 48.645 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

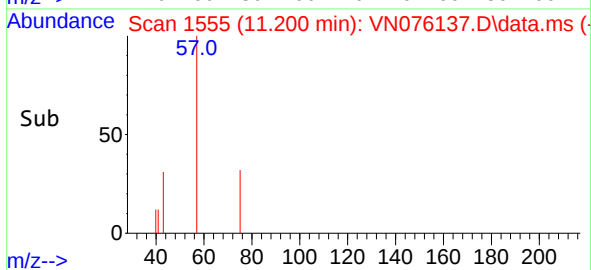
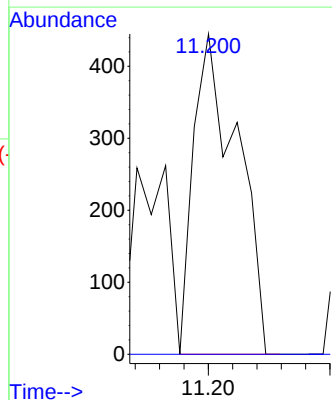
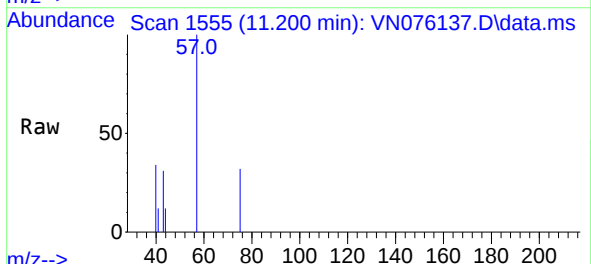
Instrument :
MSVOA_N
ClientSampleId :
MH-J

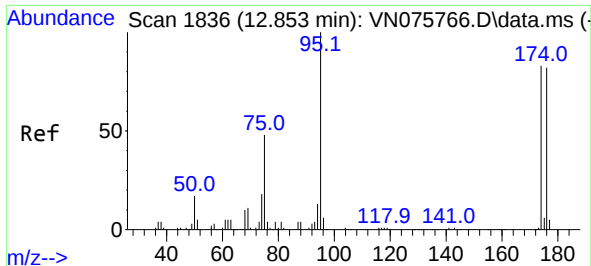
Tgt Ion: 98 Resp: 604147
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#59
2-Hexanone
Concen: 0.216 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 0.0 30.6 92.0#

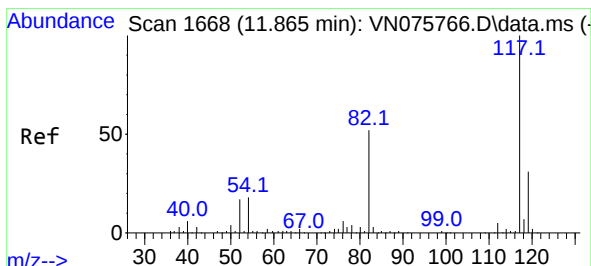
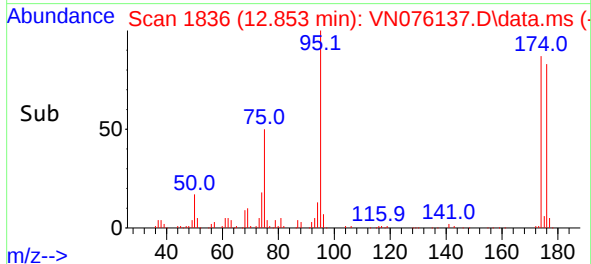
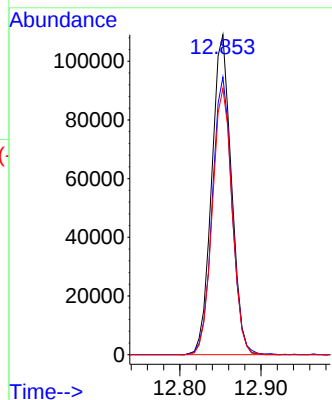
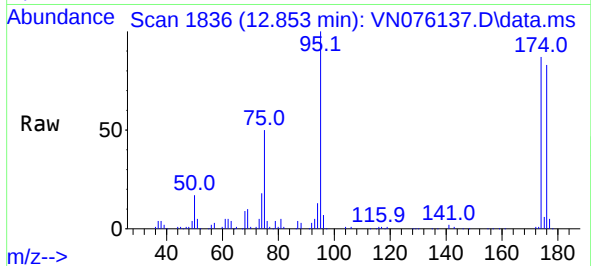




#62
4-Bromofluorobenzene
Concen: 44.646 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

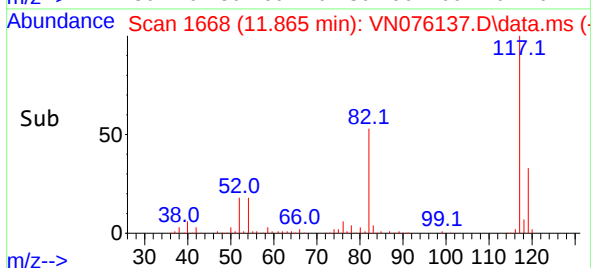
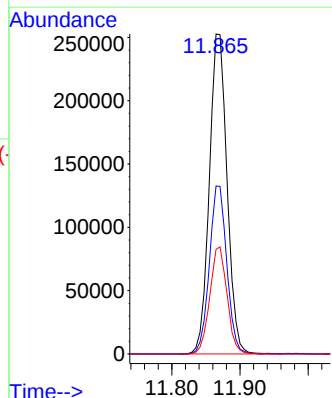
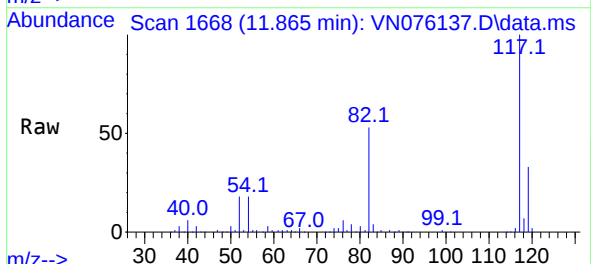
Instrument :
MSVOA_N
ClientSampleId :
MH-J

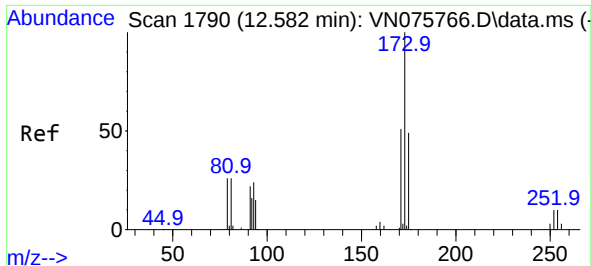
Tgt Ion: 95 Resp: 183649
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 83.6 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion: 117 Resp: 456945
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.7 24.6 37.0

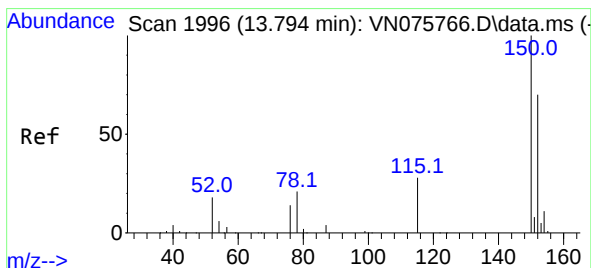
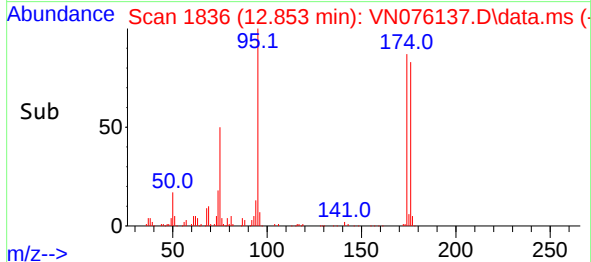
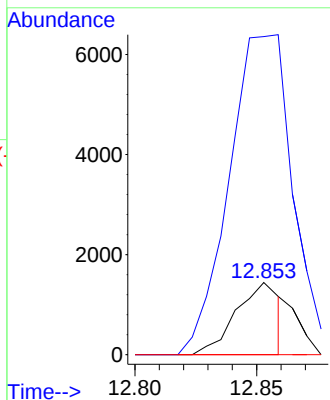
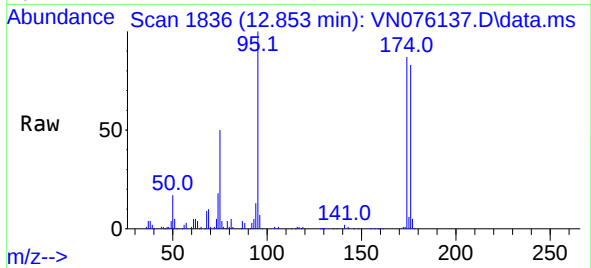




#71
Bromoform
Concen: 0.711 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

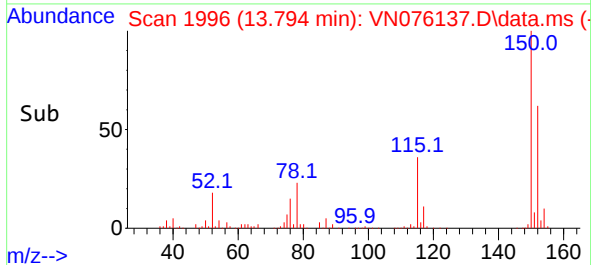
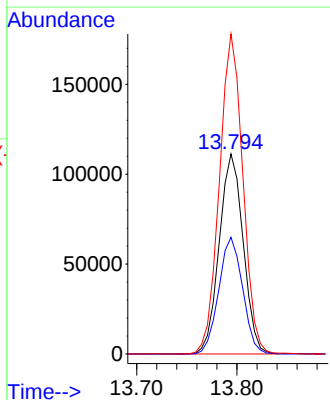
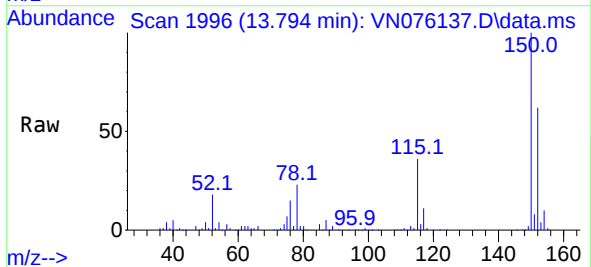
Instrument :
MSVOA_N
ClientSampleId :
MH-J

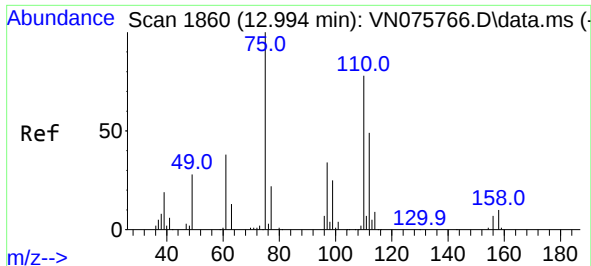
Tgt Ion:173 Resp: 1796
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion:152 Resp: 184361
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 156.7 0.0 347.0

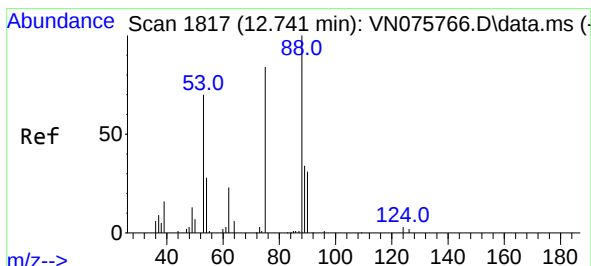
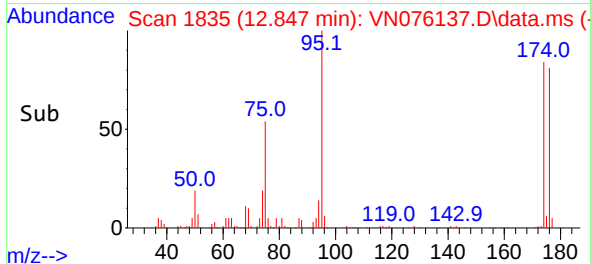
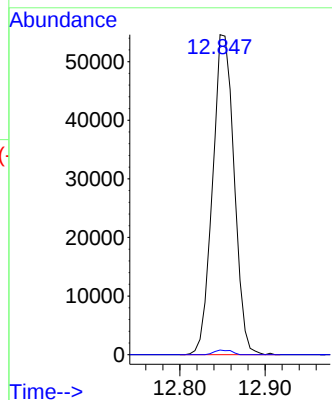
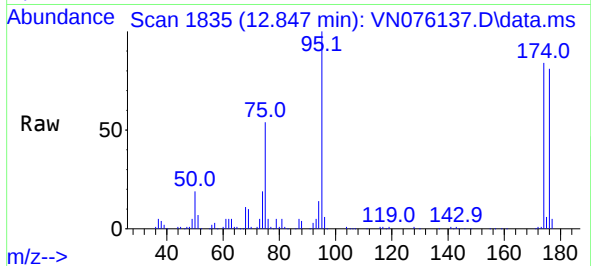




#76
1,2,3-Trichloropropane
Concen: 25.831 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

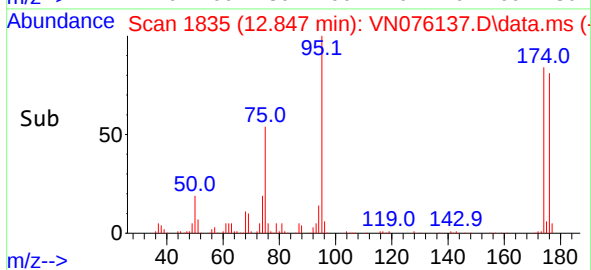
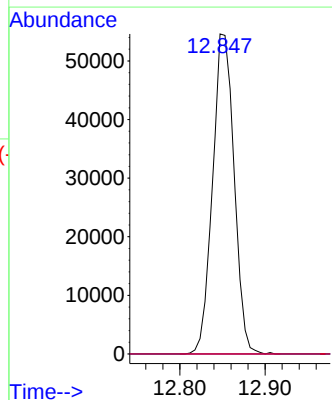
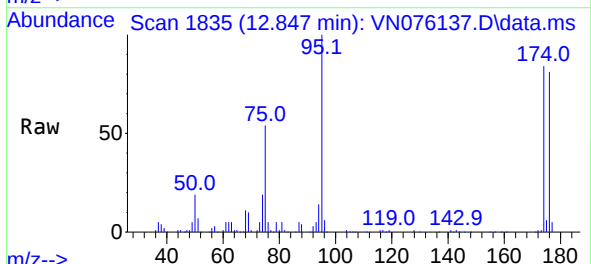
Instrument :
MSVOA_N
ClientSampleId :
MH-J

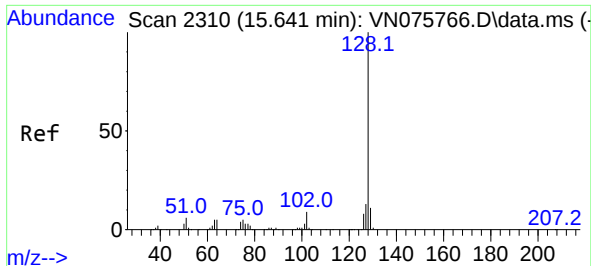
Tgt Ion: 75 Resp: 95994
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.978 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN076137.D
Acq: 06 Jan 2023 16:36

Tgt Ion: 75 Resp: 95994
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.219 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076137.D

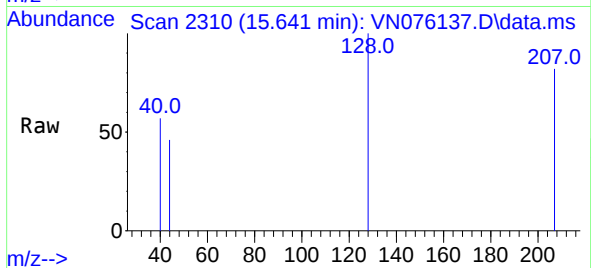
Acq: 06 Jan 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

MH-J



Tgt Ion:128 Resp: 439

Ion	Ratio	Lower	Upper
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128	100		
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127	0.0	10.4	15.6#
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129	0.0	8.7	13.1#
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