

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071839.D
 Acq On : 04 Apr 2022 18:17
 Operator : JC\MD
 Sample : N2200-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Quant Time: Apr 05 01:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

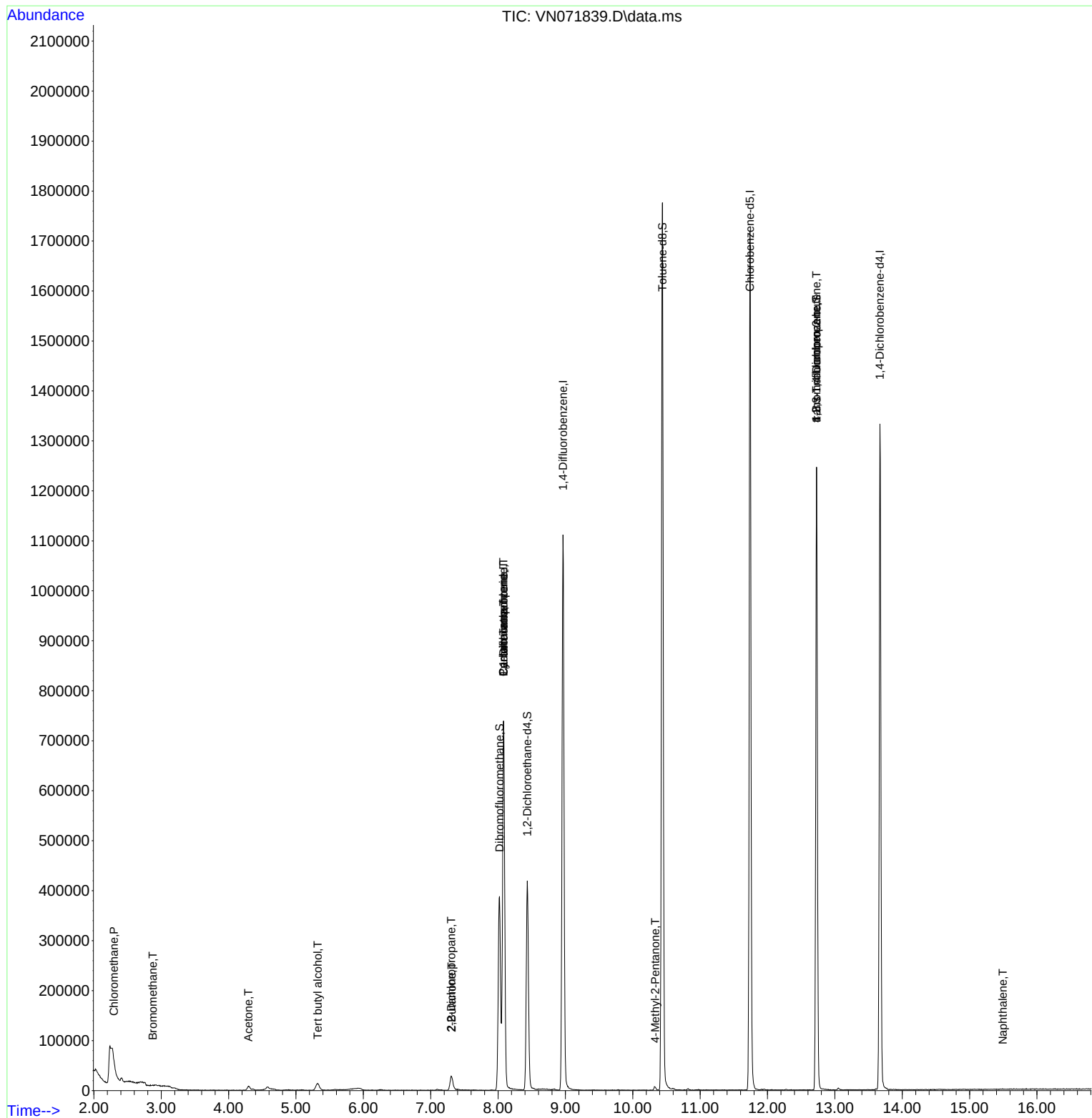
Internal Standards						
1) Pentafluorobenzene	8.081	168	605141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1044655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1061488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	391424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	344881	49.922	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.840%		
35) Dibromofluoromethane	8.022	113	297162	48.341	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.680%		
50) Toluene-d8	10.439	98	1297130	51.582	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.160%		
62) 4-Bromofluorobenzene	12.727	95	444389	54.641	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.280%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2248	0.369	ug/l #	80
5) Bromomethane	2.875	94	1209	0.278	ug/l #	70
11) Tert butyl alcohol	5.322	59	14353	12.802	ug/l #	72
16) Acetone	4.293	43	12719	4.308	ug/l	95
18) Methyl Acetate	4.863	43	1339	Below Cal	#	48
25) 2-Butanone	7.310	43	988	0.232	ug/l #	45
26) 2,2-Dichloropropane	7.304	77	1999	0.225	ug/l #	53
31) Cyclohexane	8.081	56	10526	1.120	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	41826	4.872	ug/l #	48
38) Carbon Tetrachloride	8.081	117	56048	6.662	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	5188	0.577	ug/l	94
76) 1,2,3-Trichloropropane	12.727	75	216434	23.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	216434	73.969	ug/l #	10
95) Naphthalene	15.492	128	539	3.831	ug/l #	69

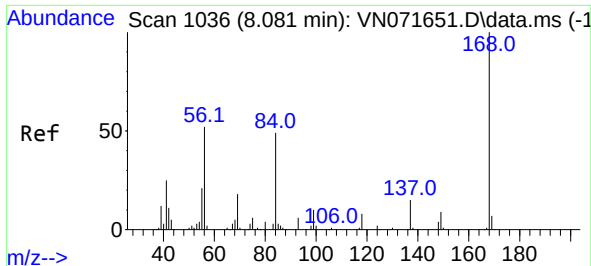
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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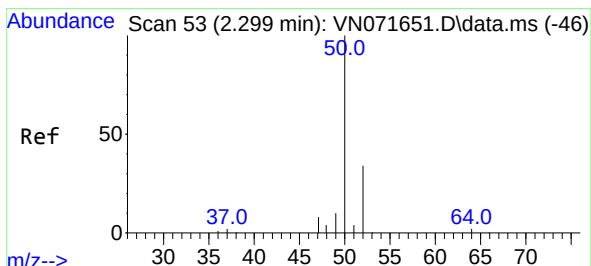
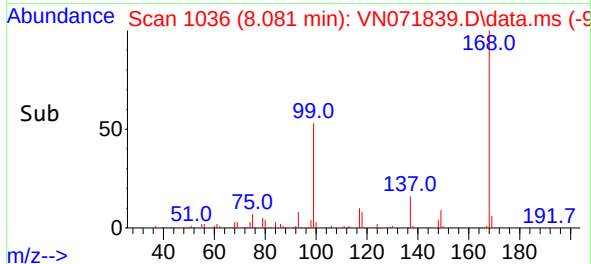
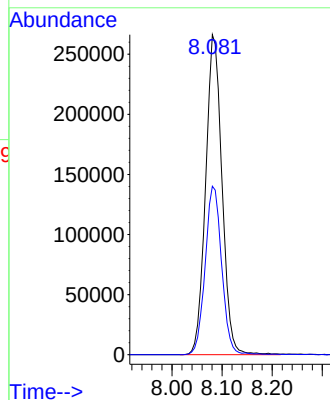
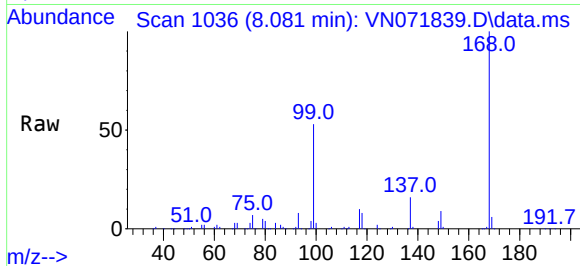




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

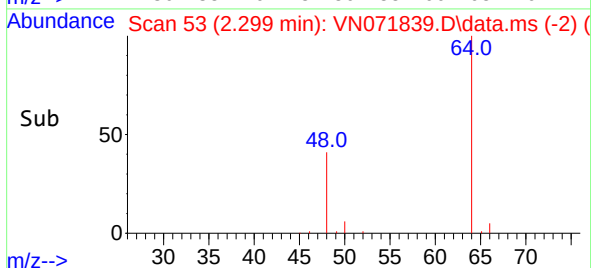
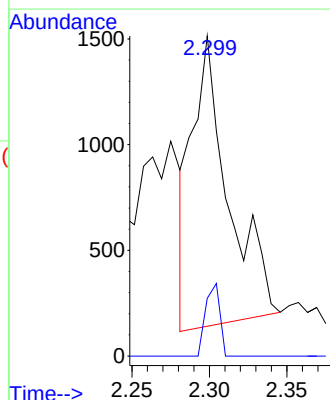
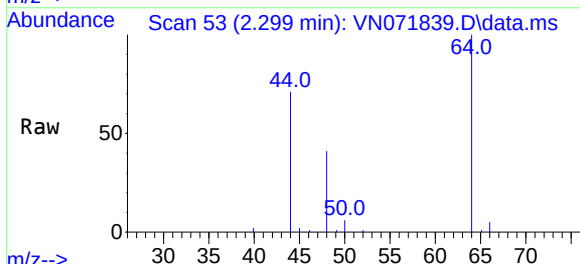
Instrument :
MSVOA_N
ClientSampleId :
MW-37

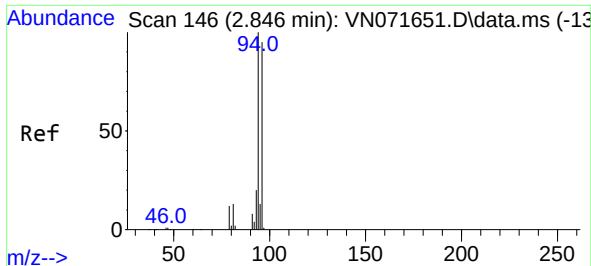
Tgt Ion:168 Resp: 605141
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#3
Chloromethane
Concen: 0.369 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 50 Resp: 2248
Ion Ratio Lower Upper
50 100
52 20.9 25.7 38.5#

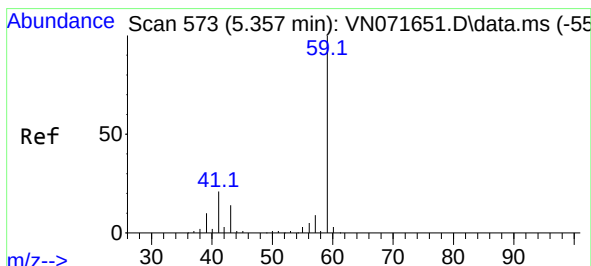
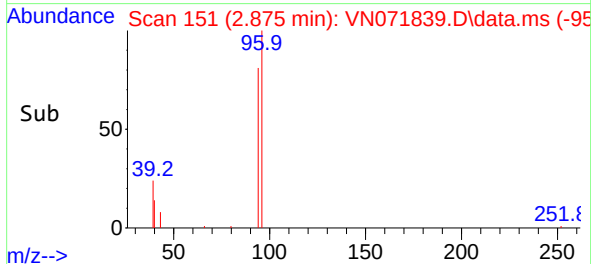
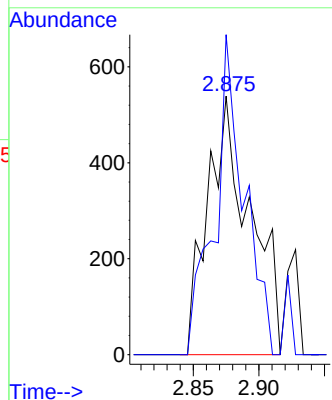
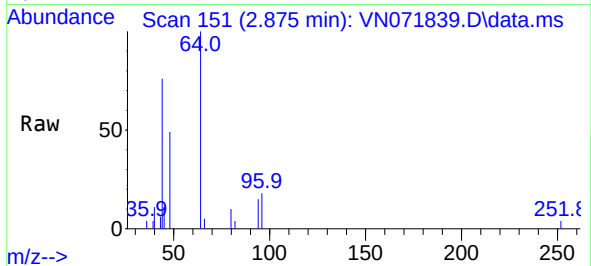




#5
Bromomethane
Concen: 0.278 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

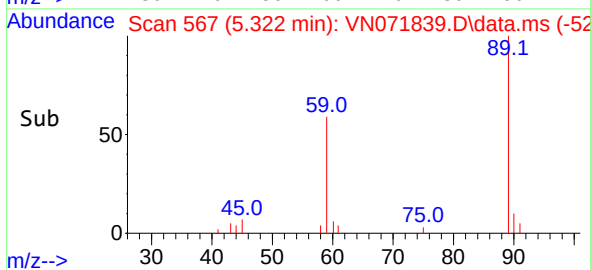
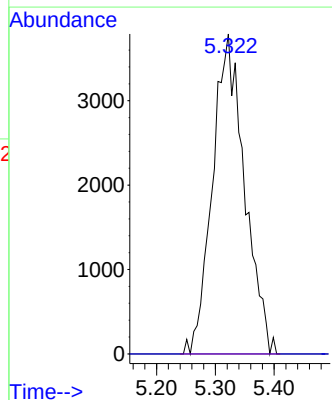
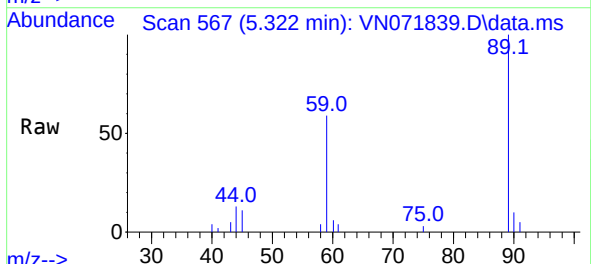
Instrument :
MSVOA_N
ClientSampleId :
MW-37

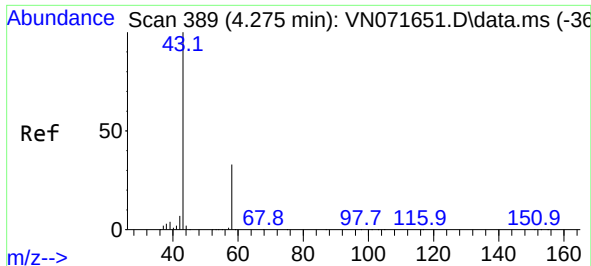
Tgt Ion: 94 Resp: 1209
Ion Ratio Lower Upper
94 100
96 123.7 76.0 114.0#



#11
Tert butyl alcohol
Concen: 12.802 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.035 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 59 Resp: 14353
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

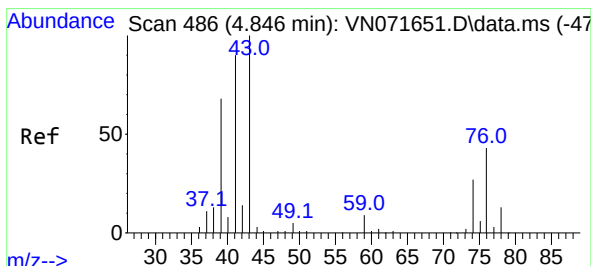
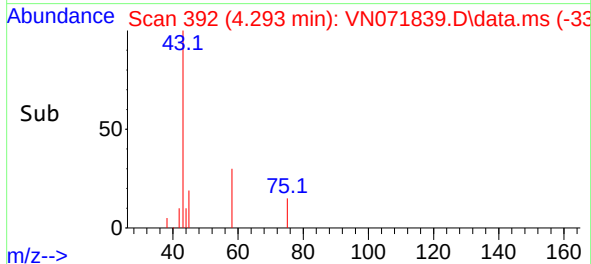
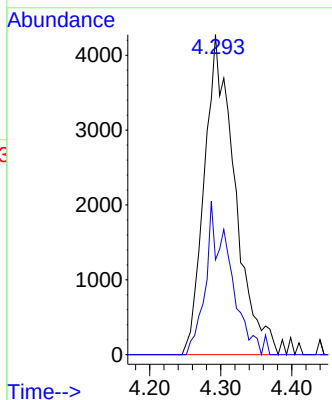
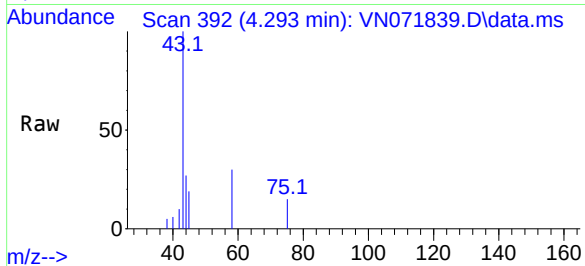




#16
Acetone
Concen: 4.308 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

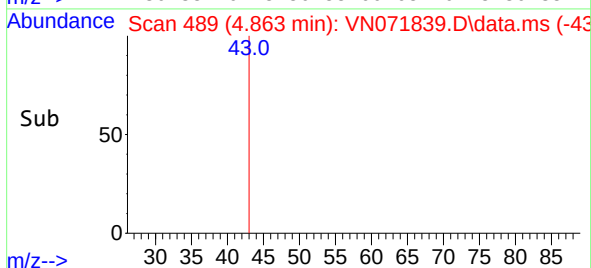
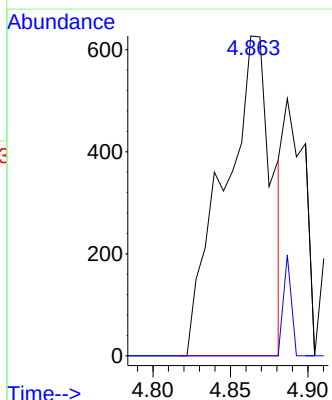
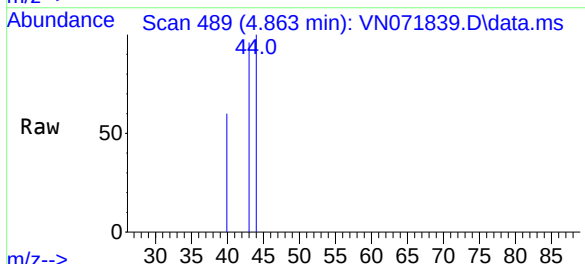
Instrument :
MSVOA_N
ClientSampleId :
MW-37

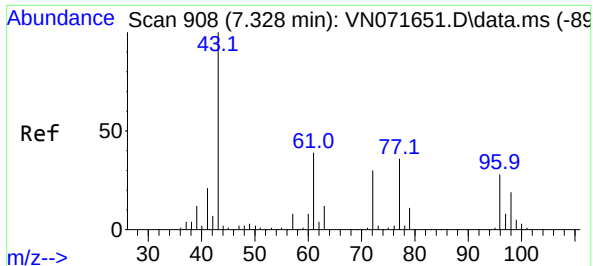
Tgt Ion: 43 Resp: 12719
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 0.232 ug/l

RT: 7.310 min Scan# 904

Delta R.T. -0.018 min

Lab File: VN071839.D

Acq: 04 Apr 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

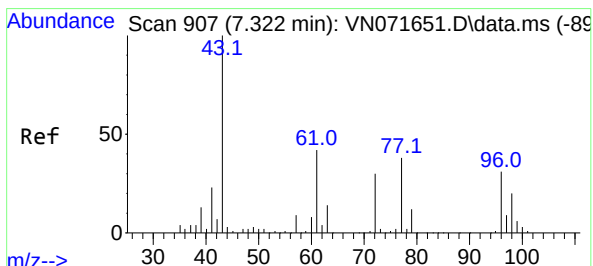
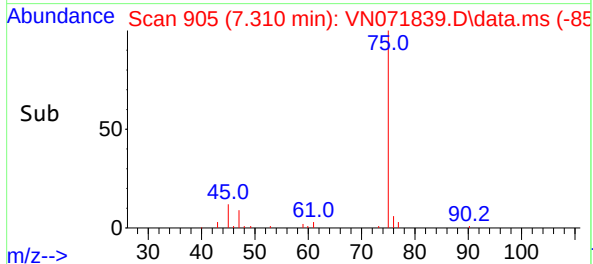
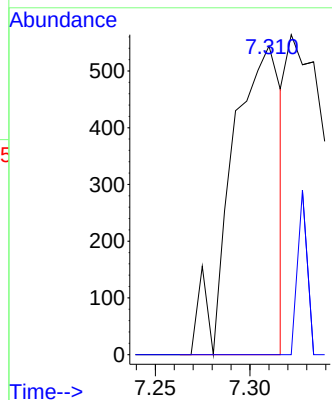
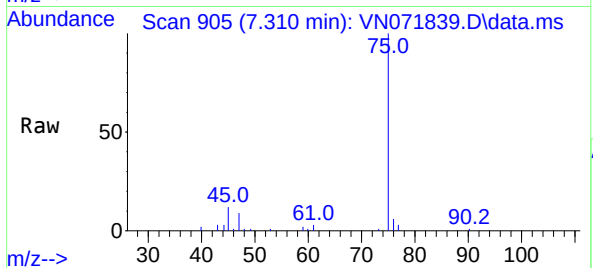
MW-37

Tgt Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.225 ug/l

RT: 7.304 min Scan# 904

Delta R.T. -0.018 min

Lab File: VN071839.D

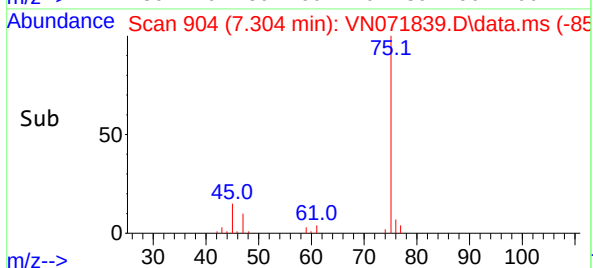
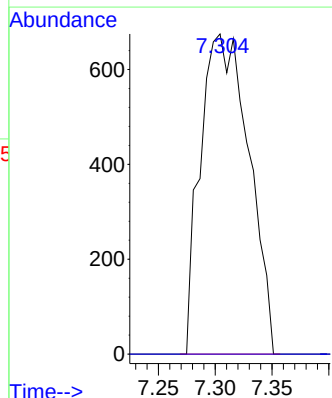
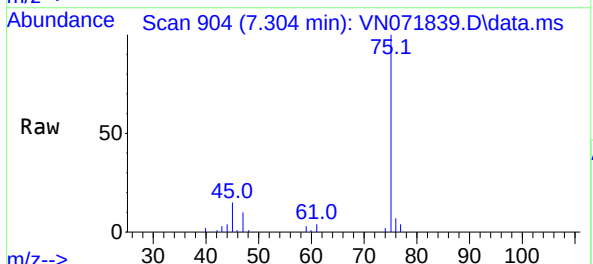
Acq: 04 Apr 2022 18:17

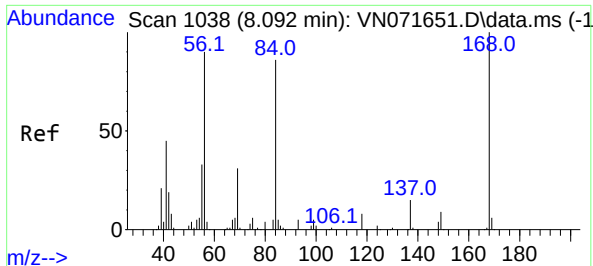
Tgt Ion: 77 Resp: 1999

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

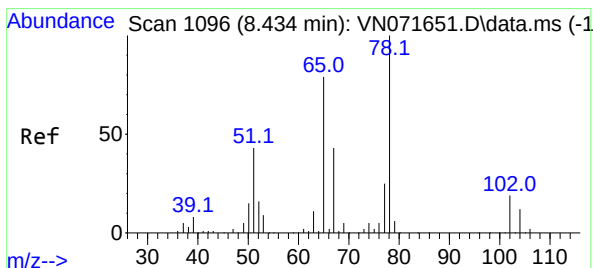
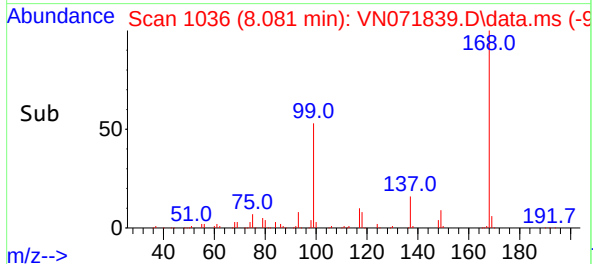
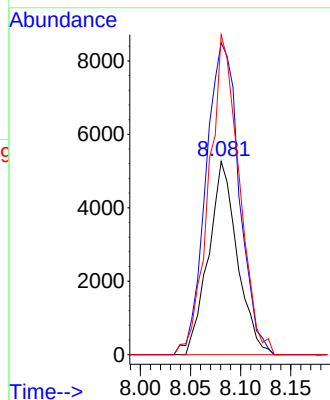
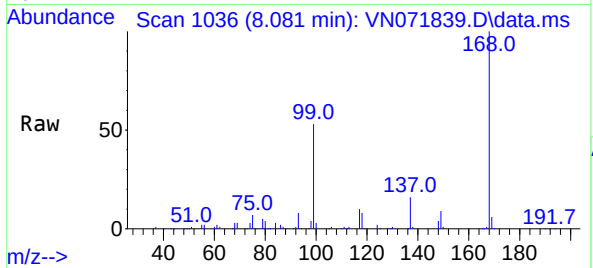




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

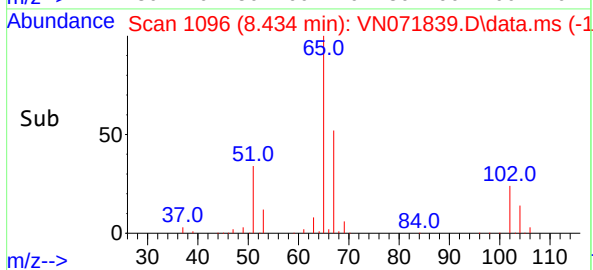
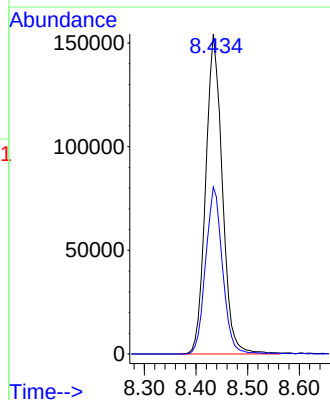
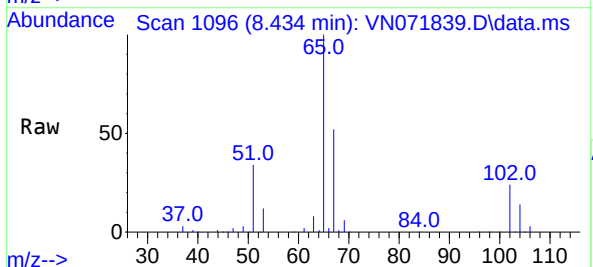
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ClientSampleId :
MW-37

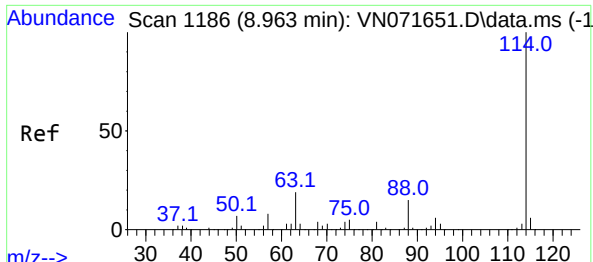
Tgt Ion: 56 Resp: 10526
Ion Ratio Lower Upper
56 100
69 161.4 27.8 41.8#
84 165.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.922 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 65 Resp: 344881
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

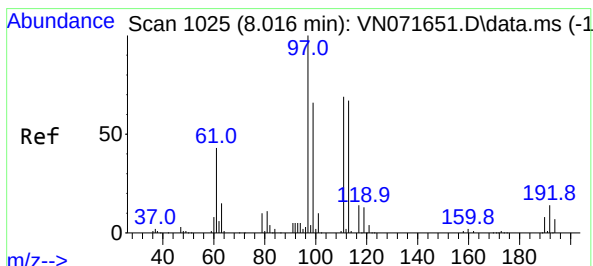
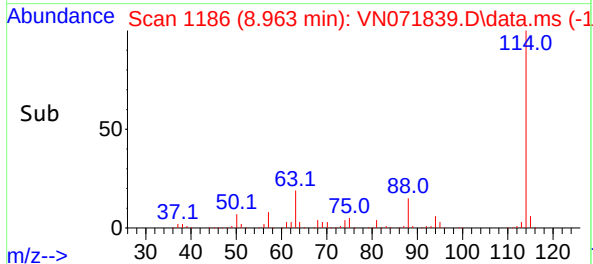
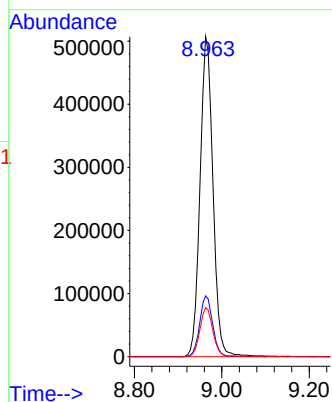
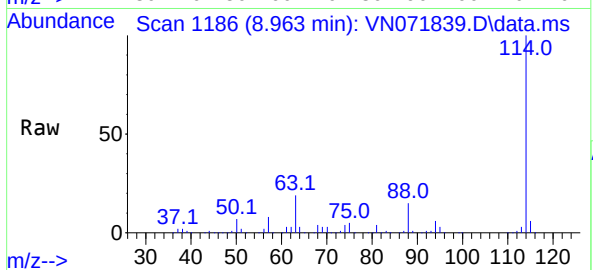




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

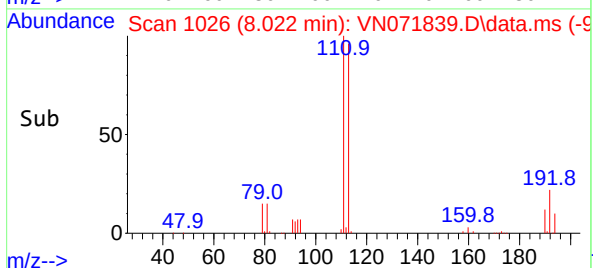
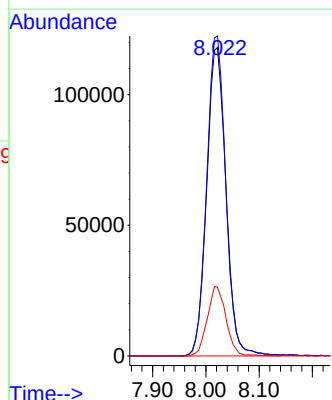
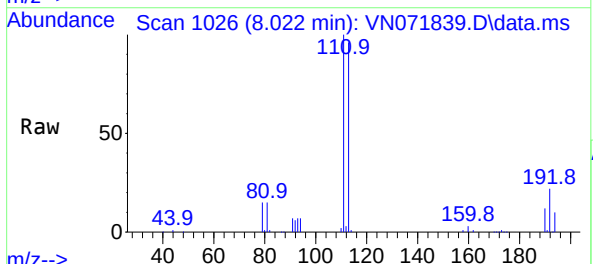
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MW-37

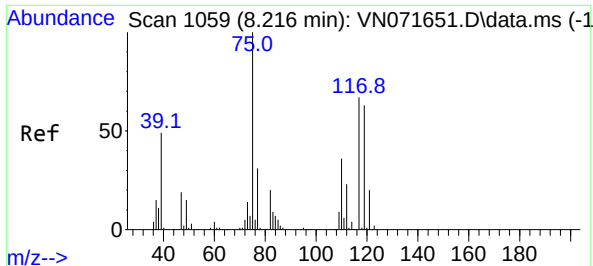
Tgt Ion:114 Resp: 1044655
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.341 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion:113 Resp: 297162
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.872 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071839.D

Acq: 04 Apr 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

MW-37

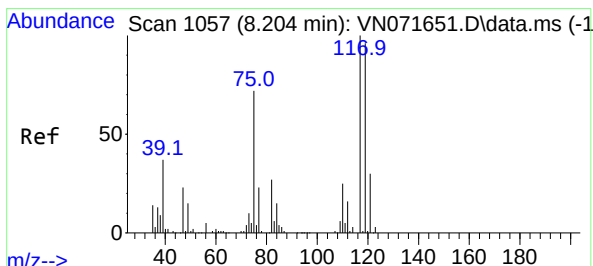
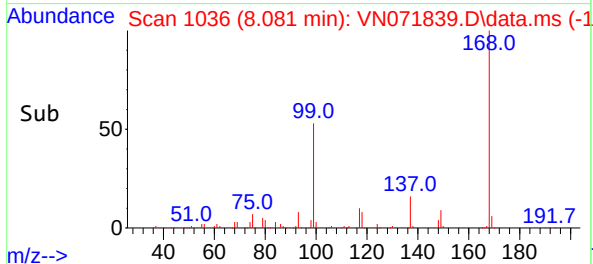
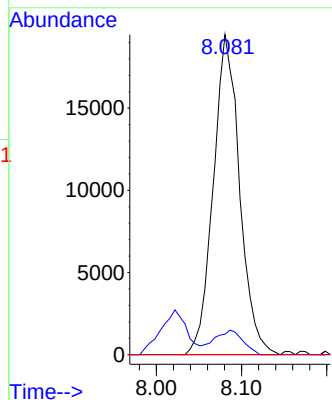
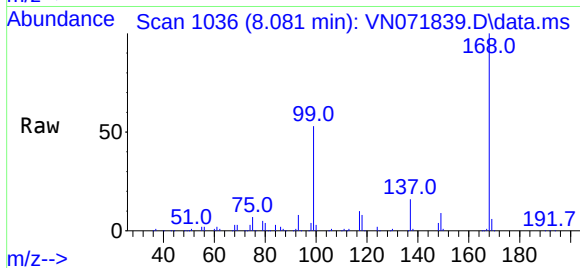
Tgt Ion: 75 Resp: 41826

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.662 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071839.D

Acq: 04 Apr 2022 18:17

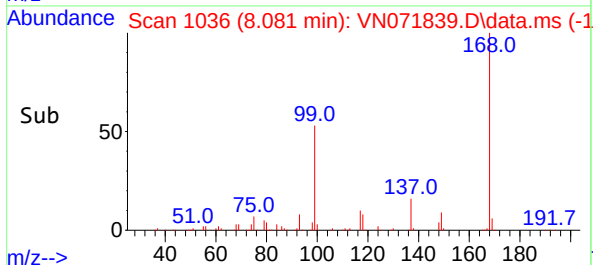
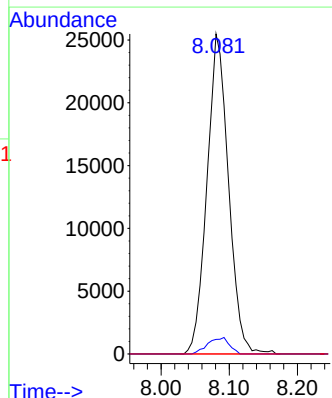
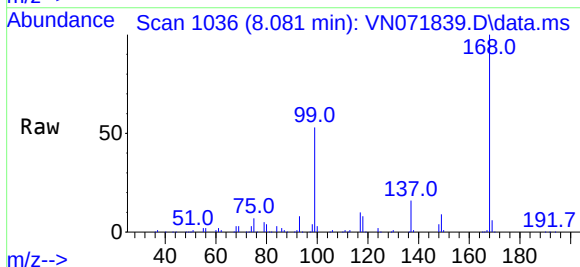
Tgt Ion: 117 Resp: 56048

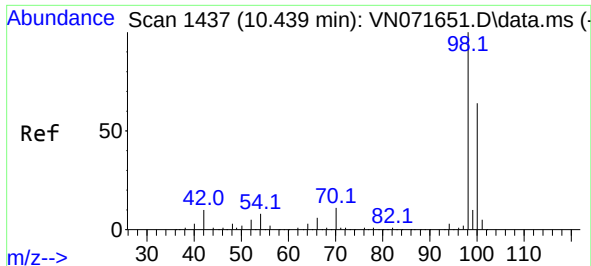
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

121 0.0 24.6 37.0#

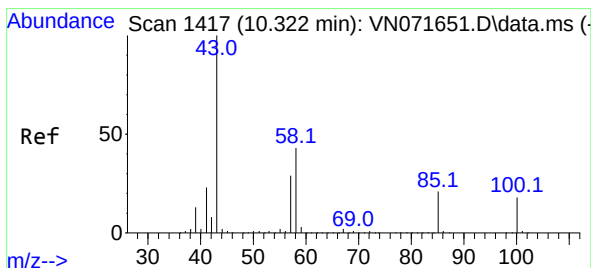
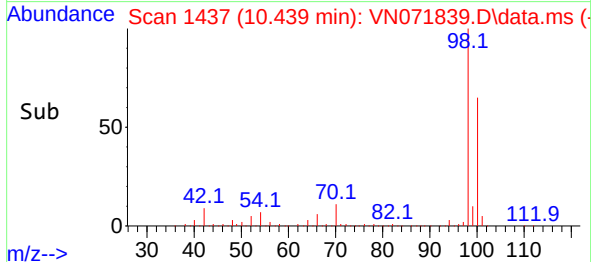
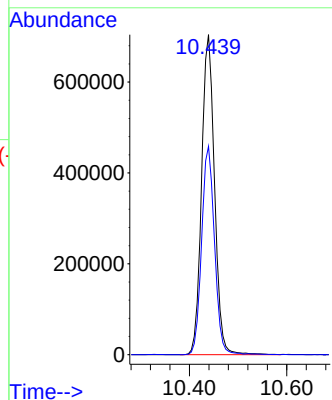
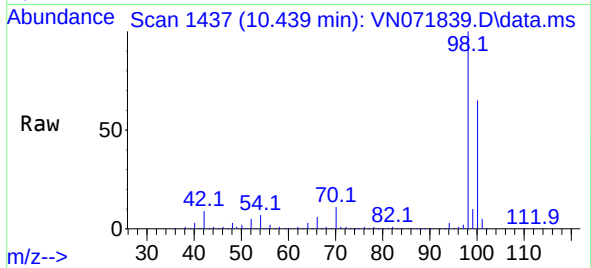




#50
Toluene-d8
Concen: 51.582 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

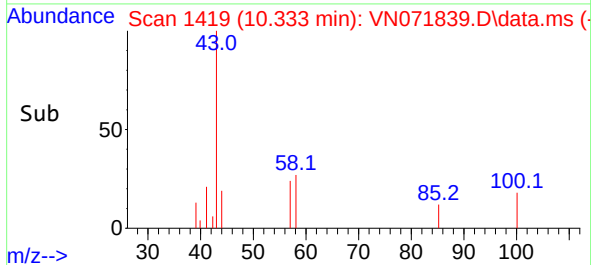
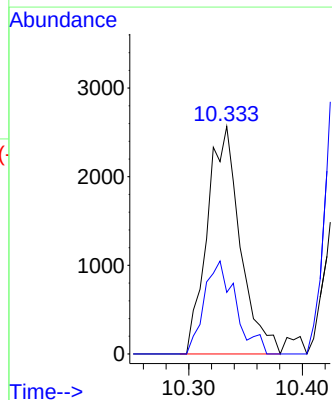
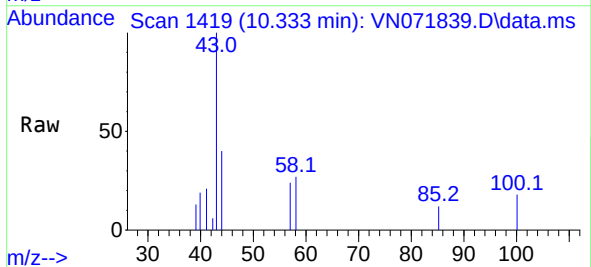
Instrument :
MSVOA_N
ClientSampleId :
MW-37

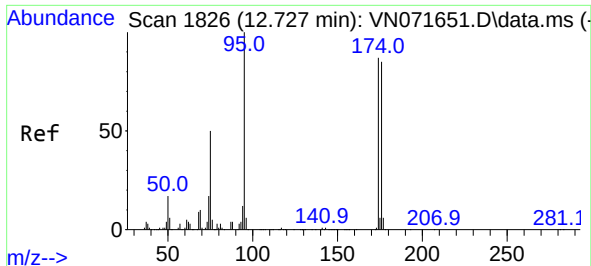
Tgt Ion: 98 Resp: 1297130
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.011 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 43 Resp: 5188
Ion Ratio Lower Upper
43 100
58 38.9 34.1 51.1

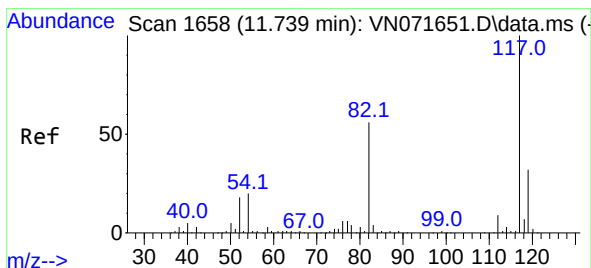
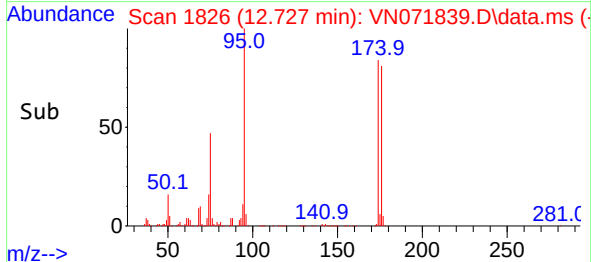
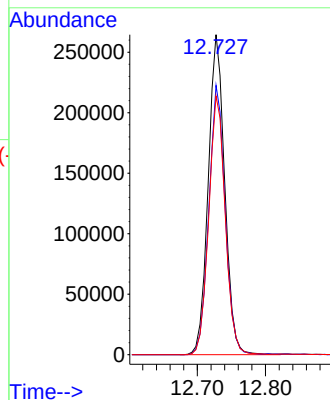
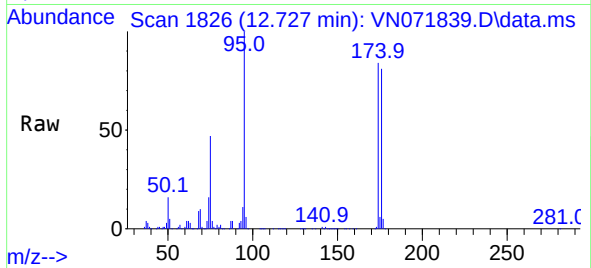




#62
4-Bromofluorobenzene
Concen: 54.641 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

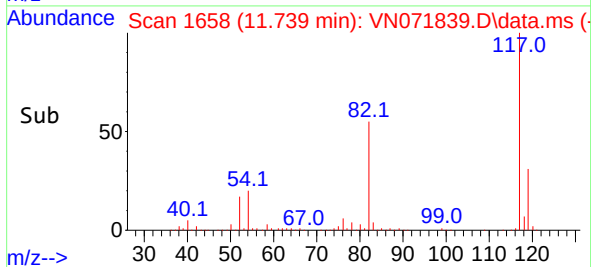
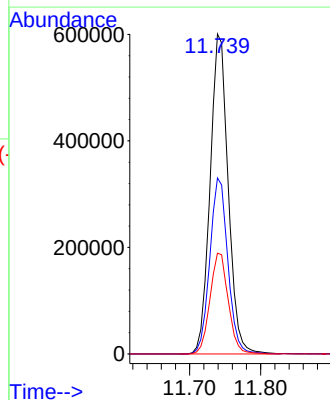
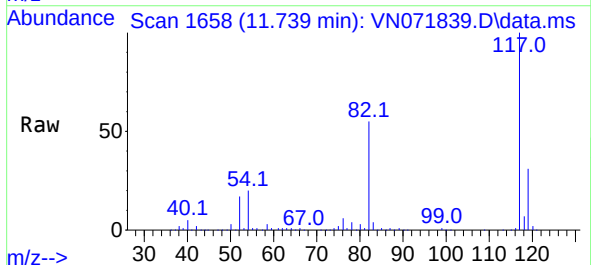
Instrument :
MSVOA_N
ClientSampleId :
MW-37

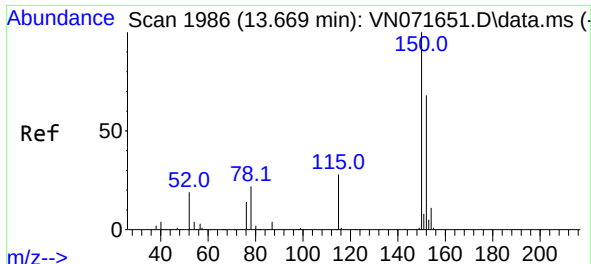
Tgt Ion: 95 Resp: 444389
Ion Ratio Lower Upper
95 100
174 83.4 0.0 167.6
176 81.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 117 Resp: 1061488
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.5 25.4 38.0

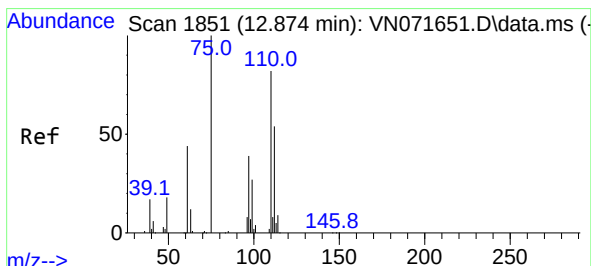
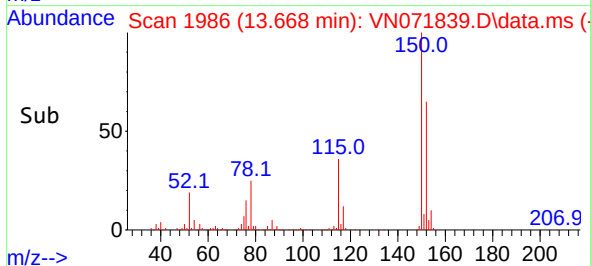
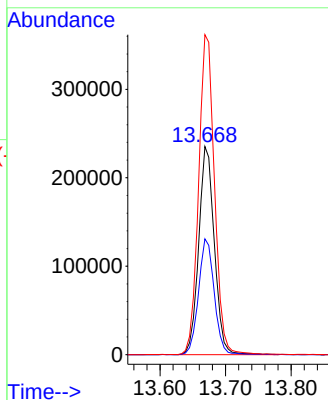
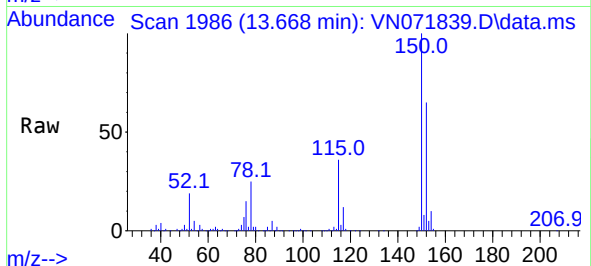




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

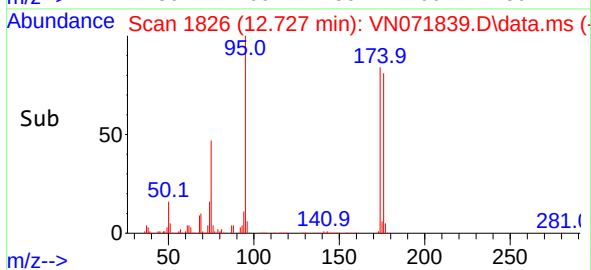
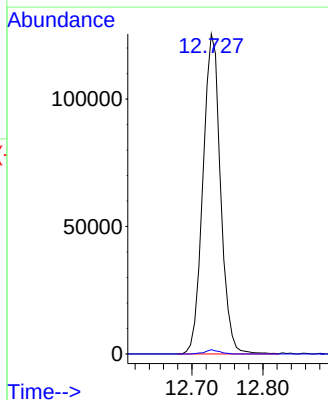
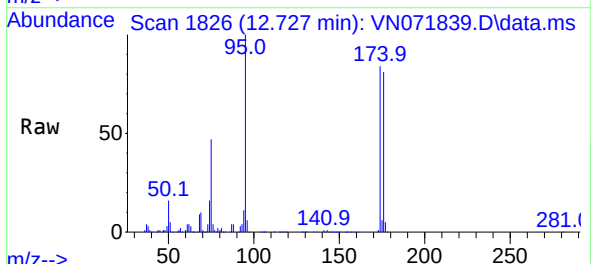
Instrument :
MSVOA_N
ClientSampleId :
MW-37

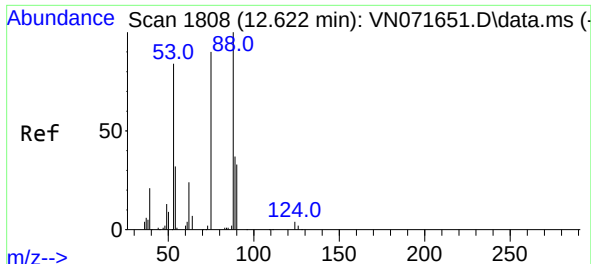
Tgt Ion:152 Resp: 391424
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 156.7 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.869 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 75 Resp: 216434
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

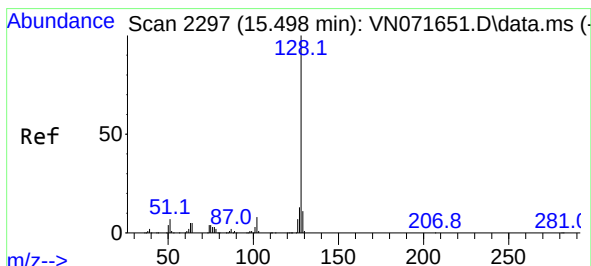
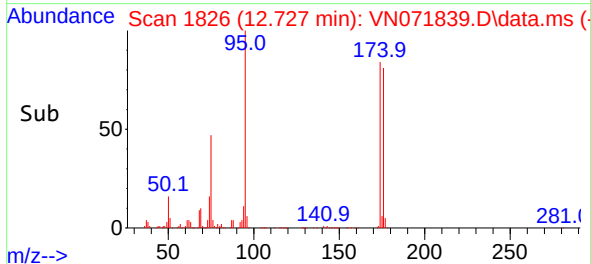
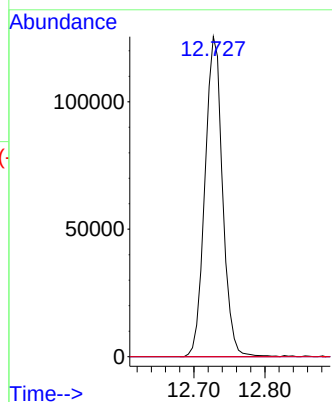
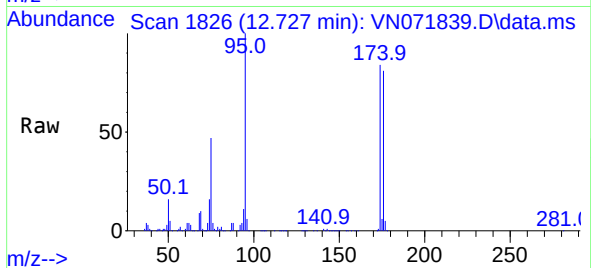




#81
trans-1,4-Dichloro-2-butene
Concen: 73.969 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
MW-37

Tgt Ion: 75 Resp: 216434
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.831 ug/l
RT: 15.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VN071839.D
Acq: 04 Apr 2022 18:17

Tgt Ion: 128 Resp: 539
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

