

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074789.D
 Acq On : 06 Oct 2022 17:28
 Operator : JC\MD
 Sample : N4910-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Oct 06 19:03:46 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)

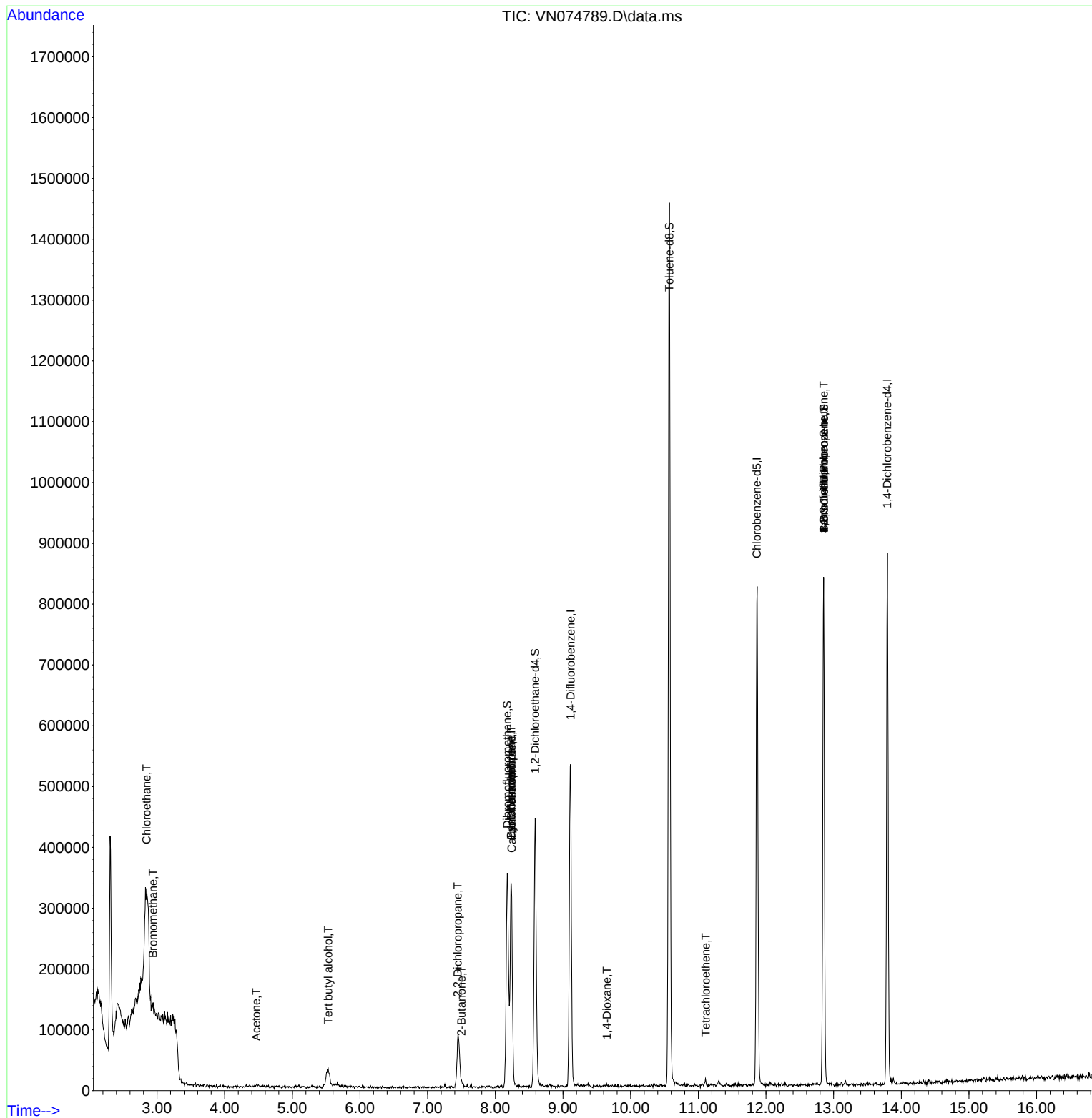
Internal Standards						
1) Pentafluorobenzene	8.235	168	232281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.112	114	452140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318694	57.905	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.820%	
35) Dibromofluoromethane	8.177	113	248189	54.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.660%	
50) Toluene-d8	10.570	98	992563	50.636	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.853	95	263404	44.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	1461	0.236	ug/l	# 3
6) Chloroethane	2.847	64	261322	40.267	ug/l	# 55
11) Tert butyl alcohol	5.530	59	28102	15.245	ug/l	# 74
13) Acrolein	4.189	56	89	Below Cal	#	28
16) Acetone	4.465	43	4182	1.341	ug/l	# 47
20) Methylene Chloride	5.306	84	443	Below Cal	#	63
25) 2-Butanone	7.500	43	1841	0.325	ug/l	# 48
26) 2,2-Dichloropropane	7.441	77	4889	0.584	ug/l	# 52
31) Cyclohexane	8.235	56	8128	0.854	ug/l	# 1
36) 1,1-Dichloropropene	8.235	75	22297	3.016	ug/l	# 49
38) Carbon Tetrachloride	8.241	117	25790	3.699	ug/l	# 19
49) 1,4-Dioxane	9.647	88	61	0.374	ug/l	# 1
64) Tetrachloroethene	11.112	164	947	0.256	ug/l	# 28
71) Bromoform	12.853	173	2762	0.711	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.853	83	684	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	147162	22.507	ug/l	# 1
77) Bromobenzene	12.700	156	87	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	147162	43.852	ug/l	# 14

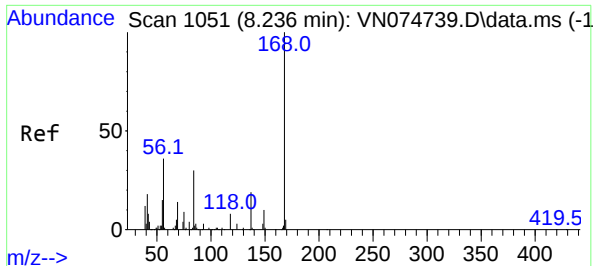
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
Data File : VN074789.D
Acq On : 06 Oct 2022 17:28
Operator : JC\MD
Sample : N4910-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Oct 06 19:03:46 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

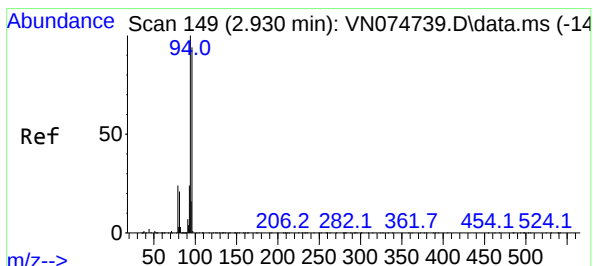
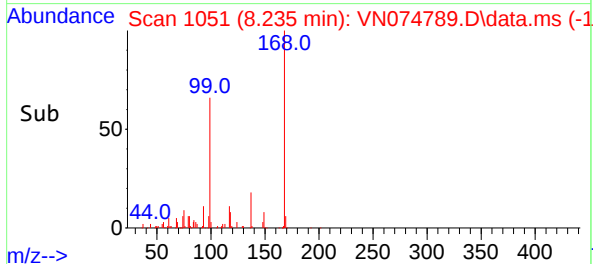
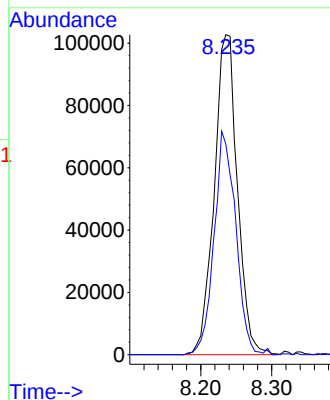
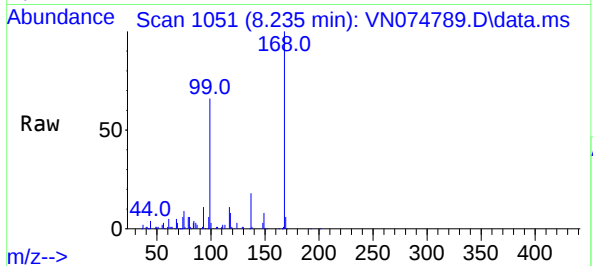




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

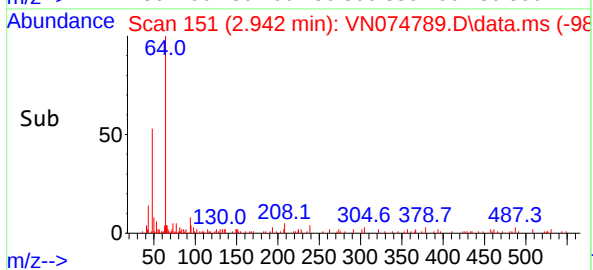
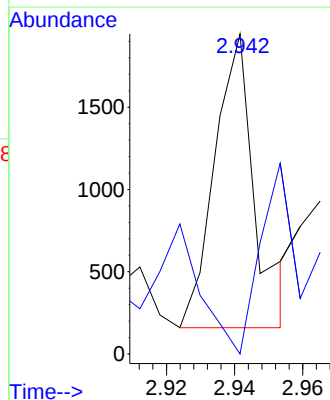
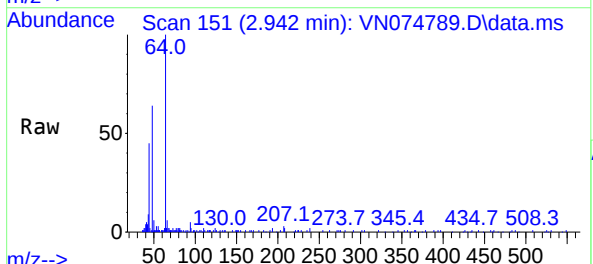
Instrument :
MSVOA_N
ClientSampleId :
MW-2

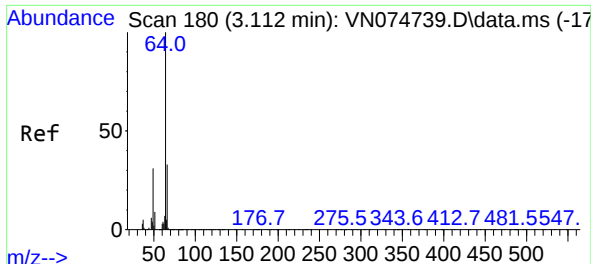
Tgt Ion:168 Resp: 232281
Ion Ratio Lower Upper
168 100
99 65.8 42.8 64.2#



#5
Bromomethane
Concen: 0.236 ug/l
RT: 2.942 min Scan# 151
Delta R.T. 0.012 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 94 Resp: 1461
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.6#

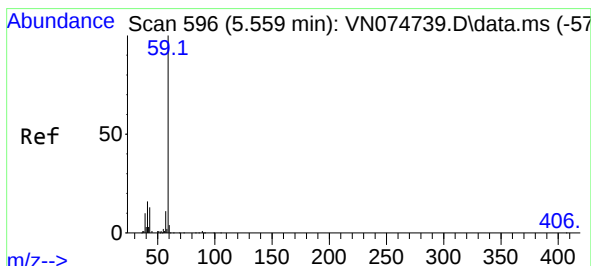
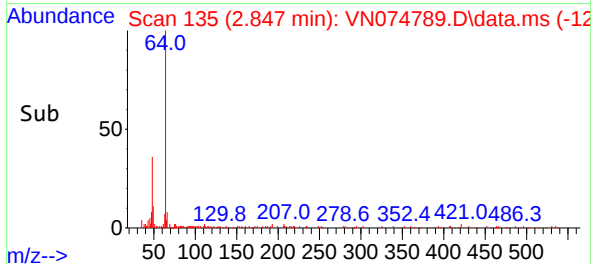
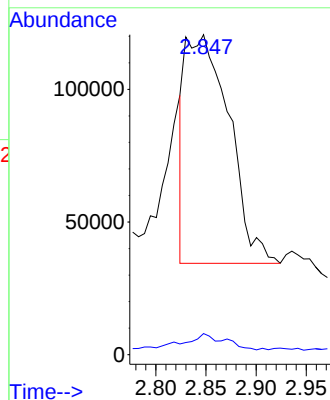
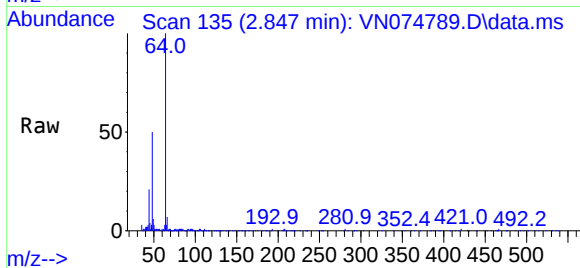




#6
Chloroethane
Concen: 40.267 ug/l
RT: 2.847 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

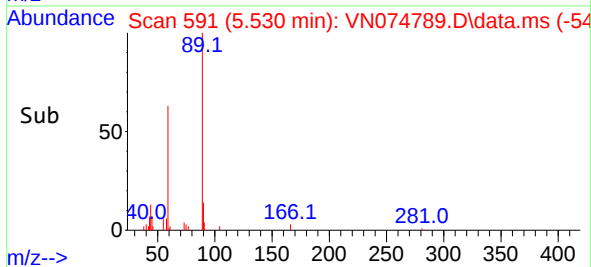
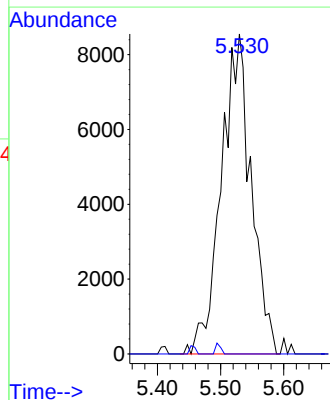
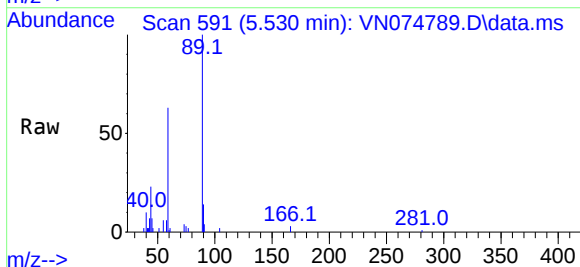
Instrument :
MSVOA_N
ClientSampleId :
MW-2

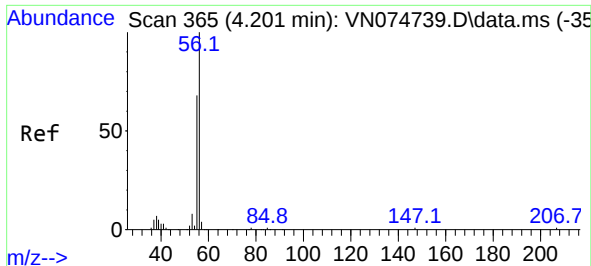
Tgt Ion: 64 Resp: 261322
Ion Ratio Lower Upper
64 100
66 6.3 25.1 37.7#



#11
Tert butyl alcohol
Concen: 15.245 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.030 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 59 Resp: 28102
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

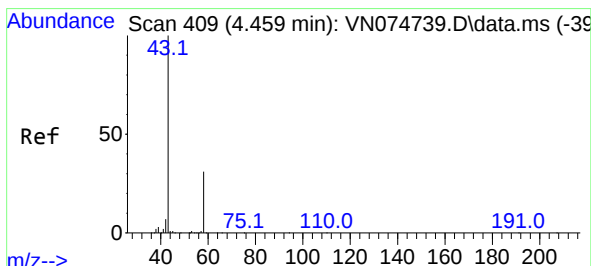
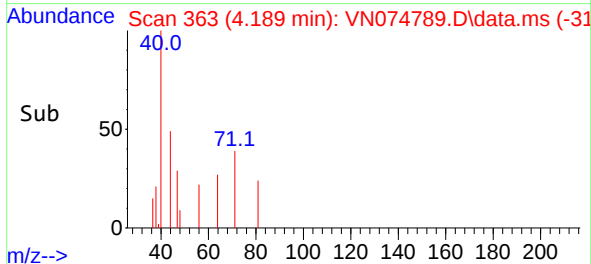
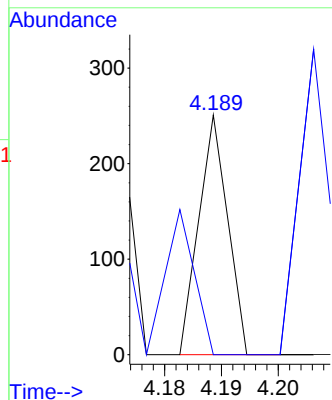
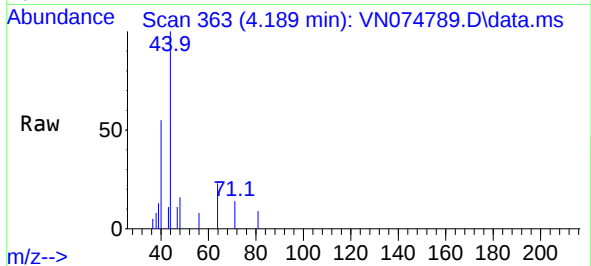




#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 301
Delta R.T. -0.012 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

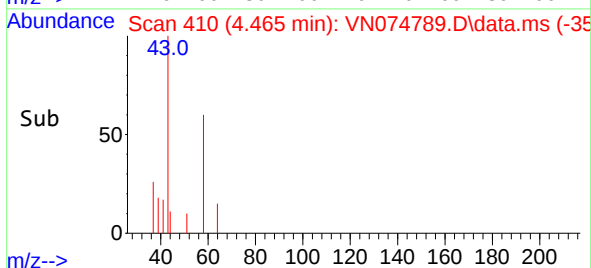
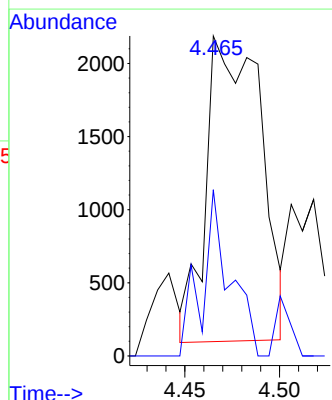
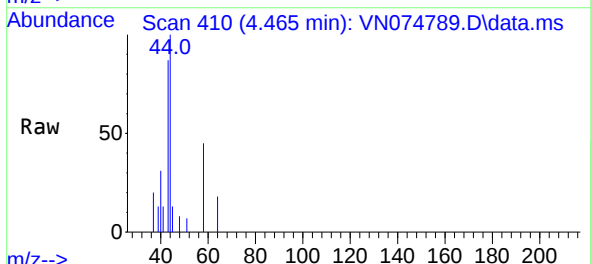
Instrument :
MSVOA_N
ClientSampleId :
MW-2

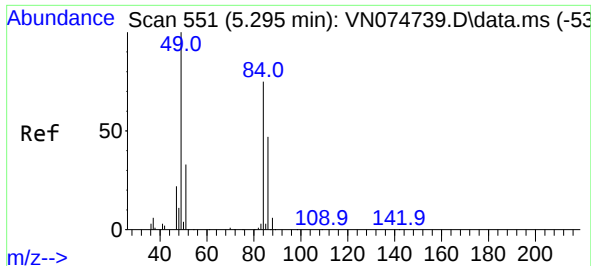
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 127.0 54.9 82.3#



#16
Acetone
Concen: 1.341 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 43 Resp: 4182
Ion Ratio Lower Upper
43 100
58 60.1 24.9 37.3#

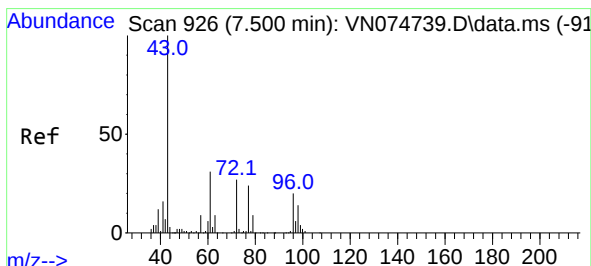
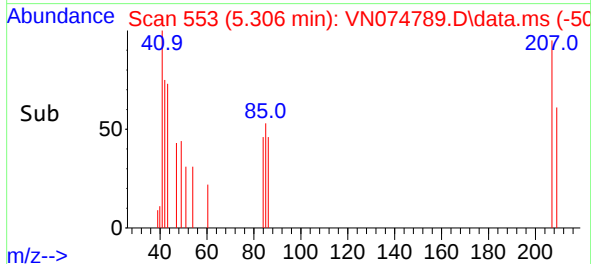
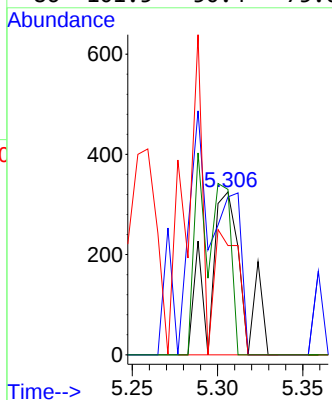
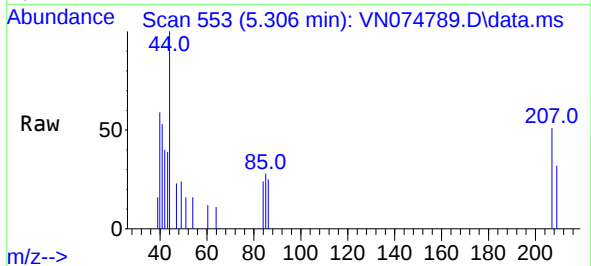




#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

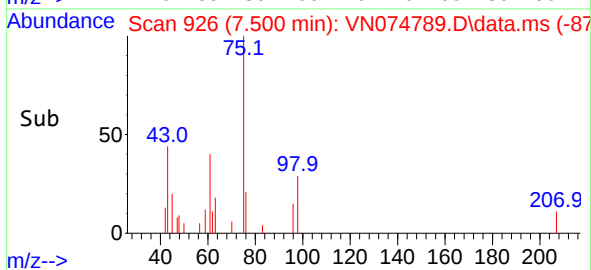
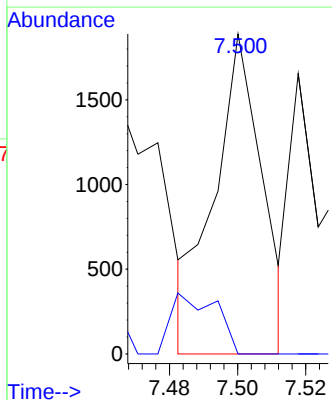
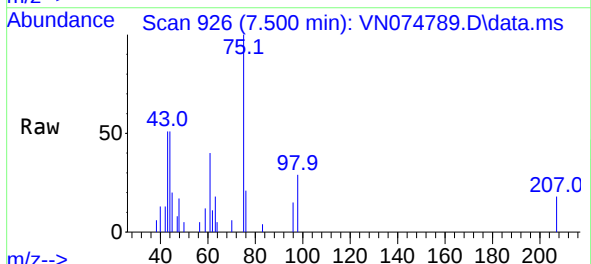
Instrument :
MSVOA_N
ClientSampleId :
MW-2

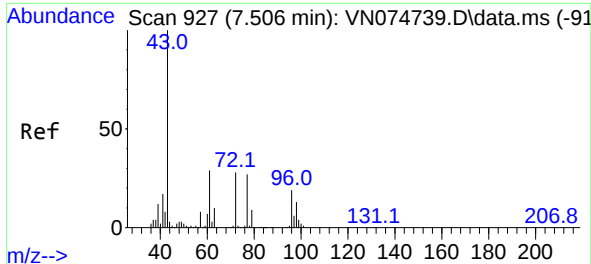
Tgt Ion: 84 Resp: 443
Ion Ratio Lower Upper
84 100
49 96.9 107.4 161.0#
51 67.1 35.1 52.7#
86 101.5 50.4 75.6#



#25
2-Butanone
Concen: 0.325 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#

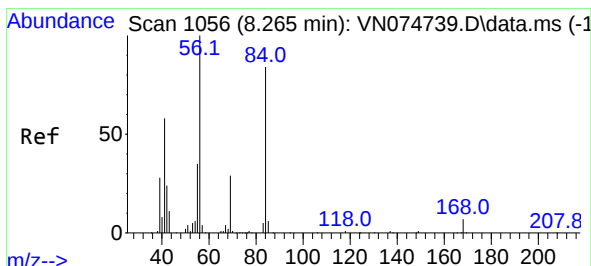
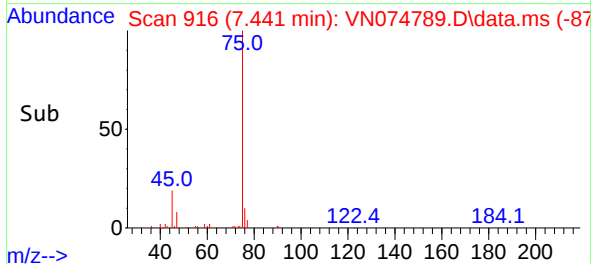
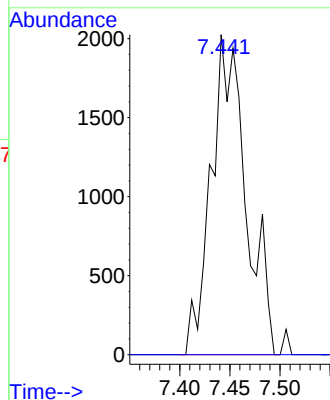
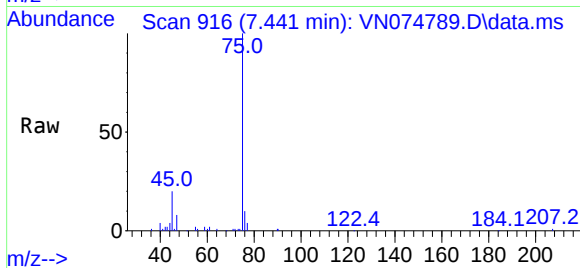




#26
2,2-Dichloropropane
Concen: 0.584 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

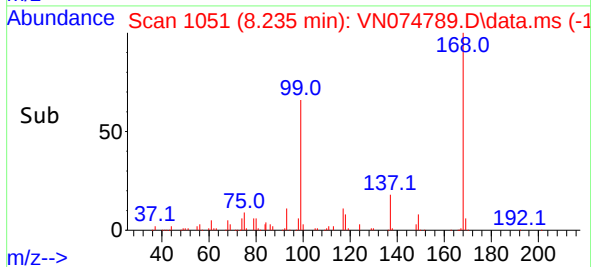
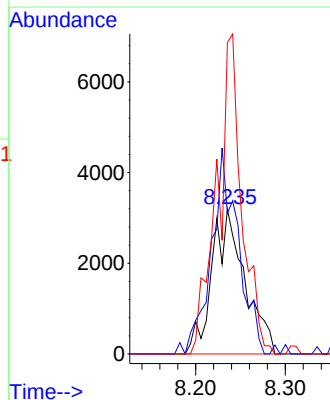
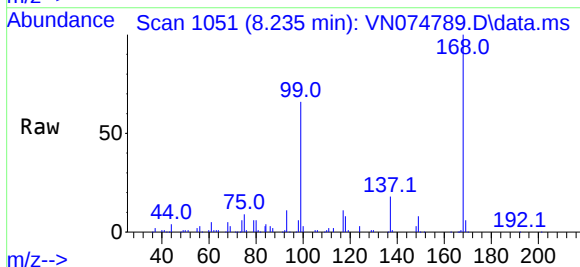
Instrument :
MSVOA_N
ClientSampleId :
MW-2

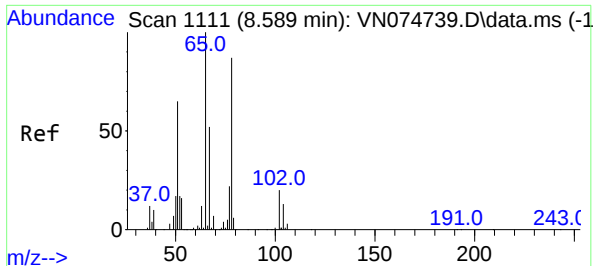
Tgt Ion: 77 Resp: 4889
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#



#31
Cyclohexane
Concen: 0.854 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 56 Resp: 8128
Ion Ratio Lower Upper
56 100
69 97.3 23.1 34.7#
84 215.2 67.1 100.7#

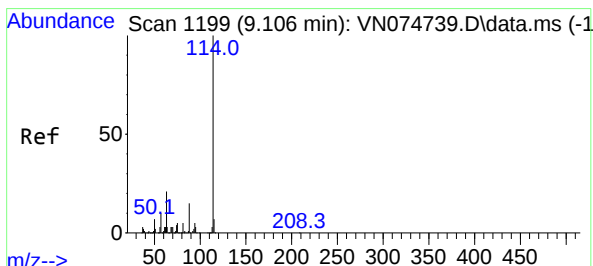
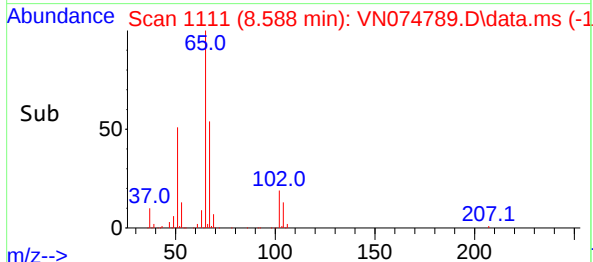
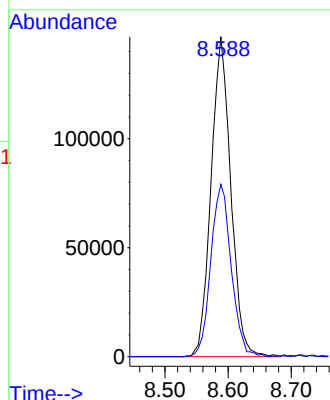
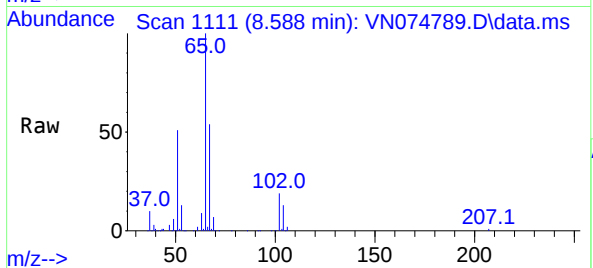




#33
 1,2-Dichloroethane-d4
 Concen: 57.905 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: VN074789.D
 Acq: 06 Oct 2022 17:28

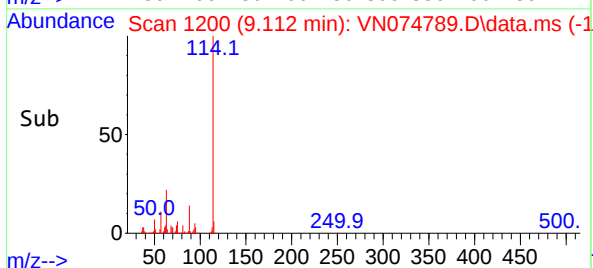
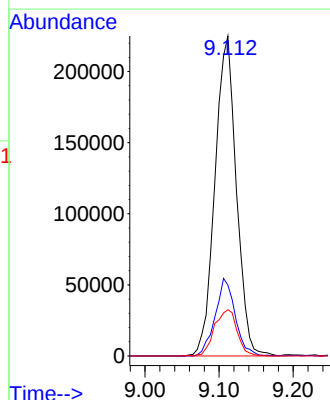
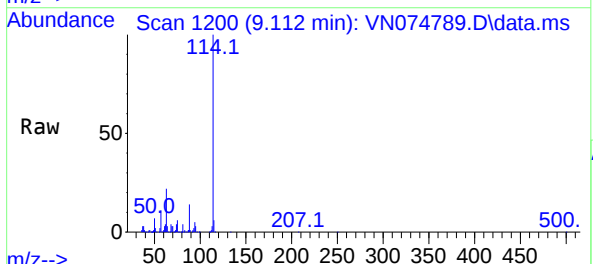
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

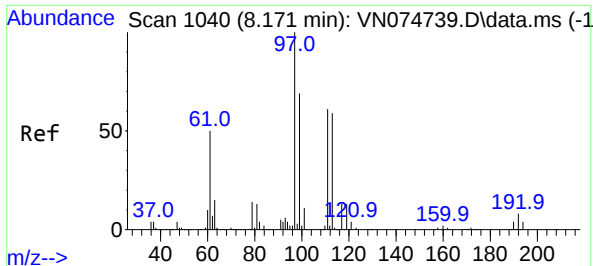
Tgt Ion: 65 Resp: 318694
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1200
 Delta R.T. 0.006 min
 Lab File: VN074789.D
 Acq: 06 Oct 2022 17:28

Tgt Ion: 114 Resp: 452140
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.2
 88 14.5 0.0 30.2

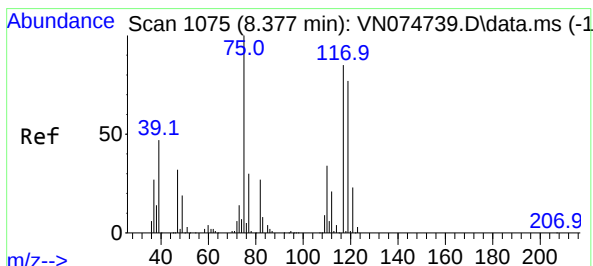
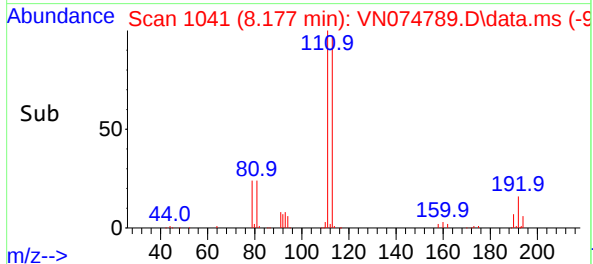
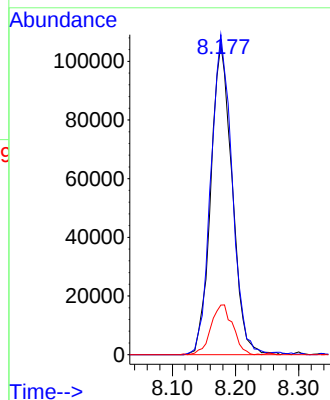
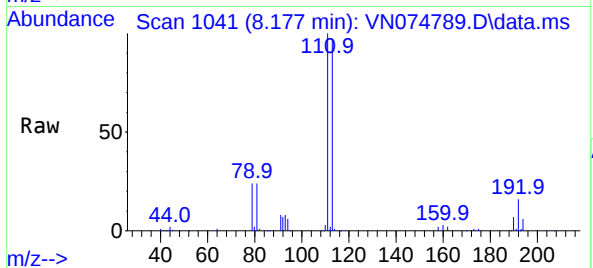




#35
Dibromofluoromethane
Concen: 54.329 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

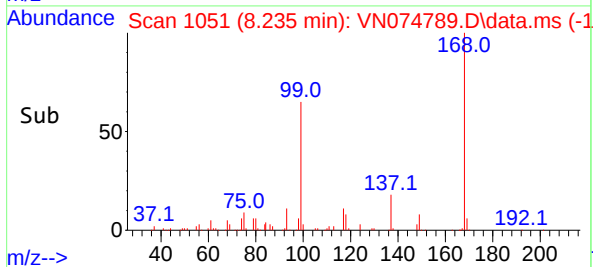
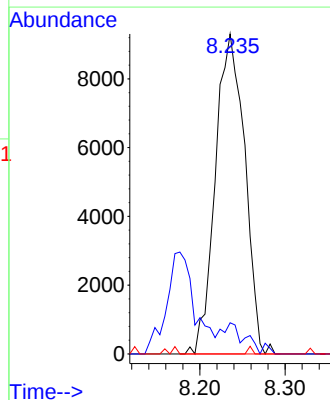
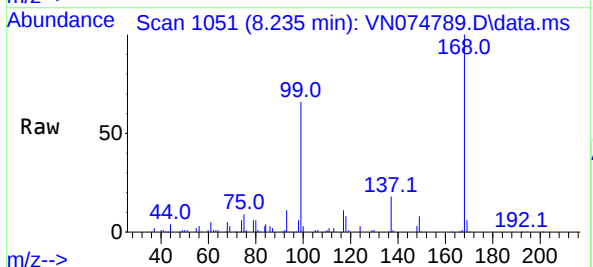
Instrument :
MSVOA_N
ClientSampleId :
MW-2

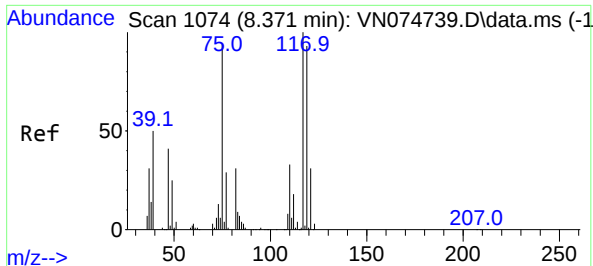
Tgt Ion:113 Resp: 248189
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 16.5 12.6 18.8



#36
1,1-Dichloropropene
Concen: 3.016 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 75 Resp: 22297
Ion Ratio Lower Upper
75 100
110 7.5 17.2 51.5#
77 0.0 24.3 36.5#

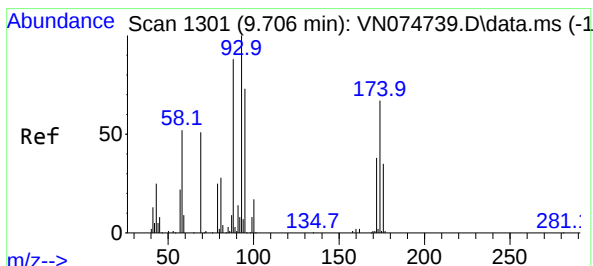
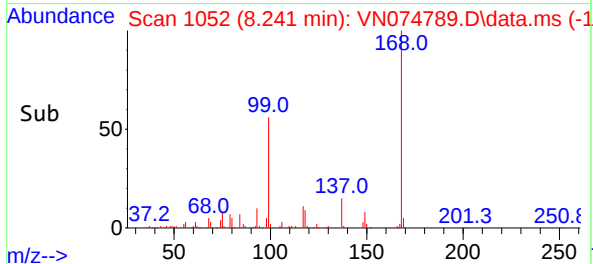
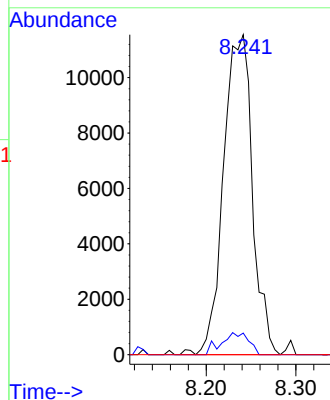
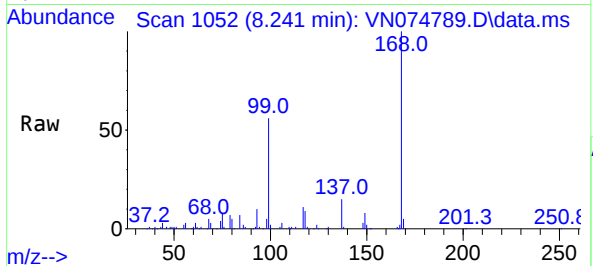




#38
Carbon Tetrachloride
Concen: 3.699 ug/l
RT: 8.241 min Scan# 117
Delta R.T. -0.130 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

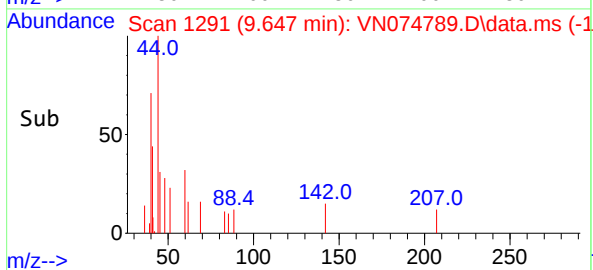
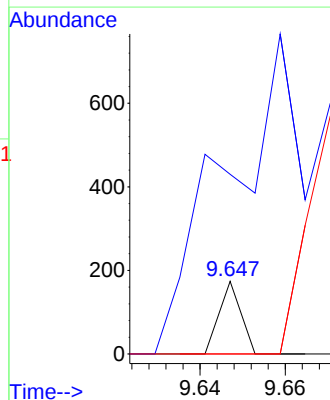
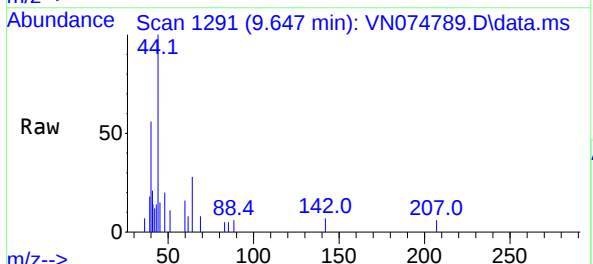
Instrument :
MSVOA_N
ClientSampleId :
MW-2

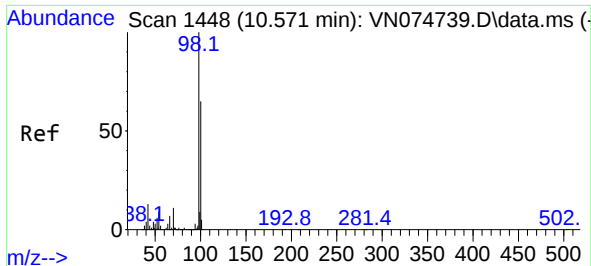
Tgt Ion:117 Resp: 25790
Ion Ratio Lower Upper
117 100
119 6.8 74.3 111.5#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 0.374 ug/l
RT: 9.647 min Scan# 1291
Delta R.T. -0.059 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 1511.5 23.4 35.2#
58 0.0 54.9 82.3#

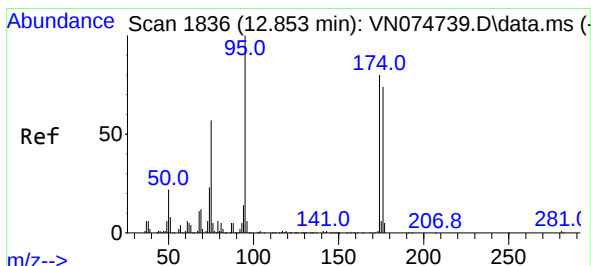
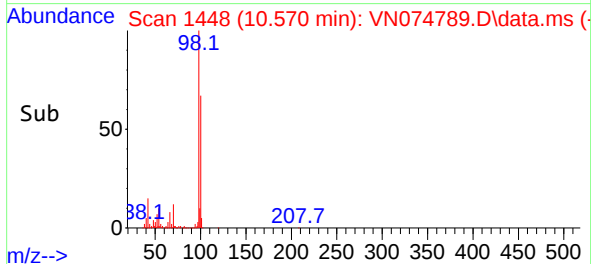
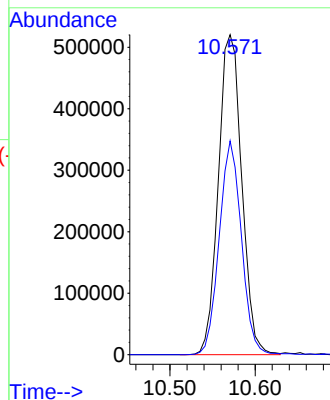
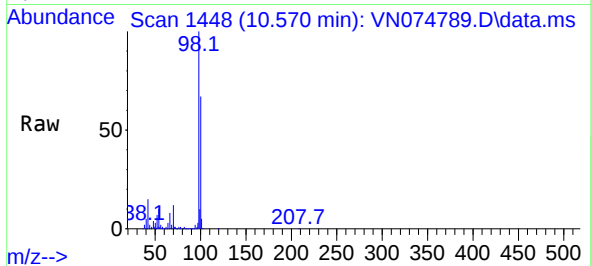




#50
Toluene-d8
Concen: 50.636 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

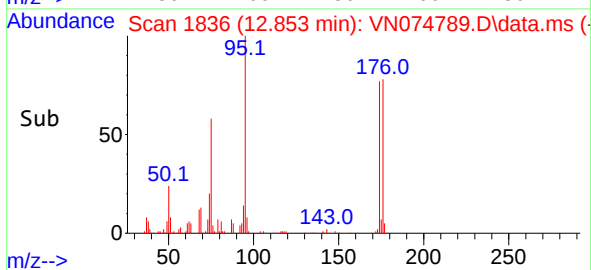
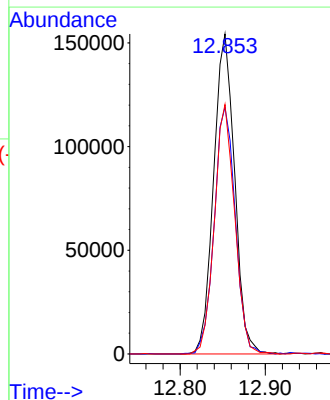
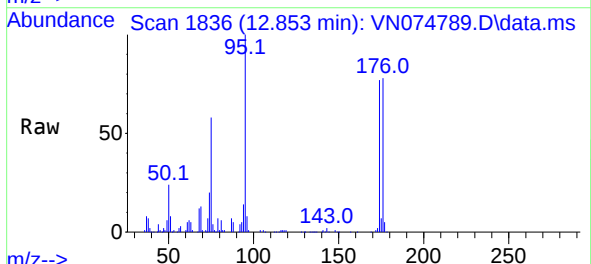
Instrument :
MSVOA_N
ClientSampleId :
MW-2

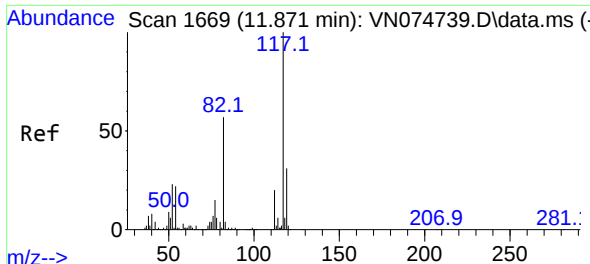
Tgt Ion: 98 Resp: 992563
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 44.206 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 95 Resp: 263404
Ion Ratio Lower Upper
95 100
174 77.4 0.0 149.4
176 75.8 0.0 142.0

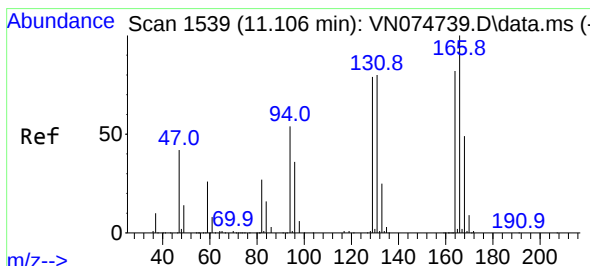
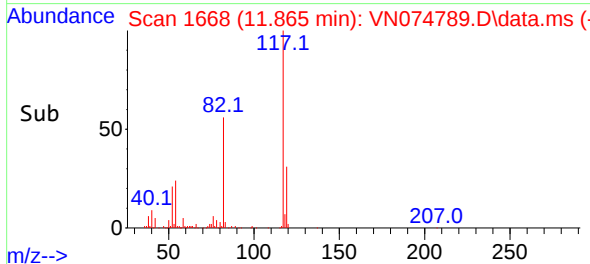
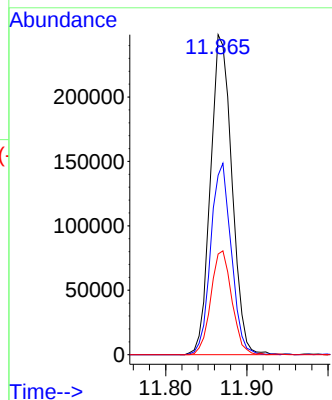
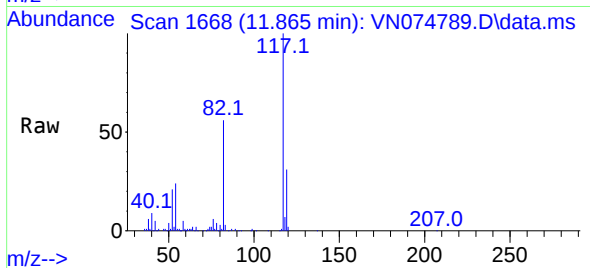




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

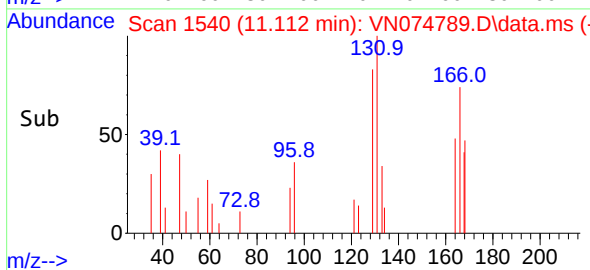
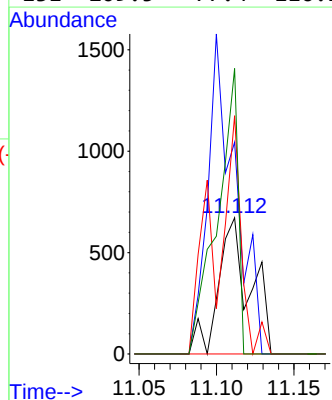
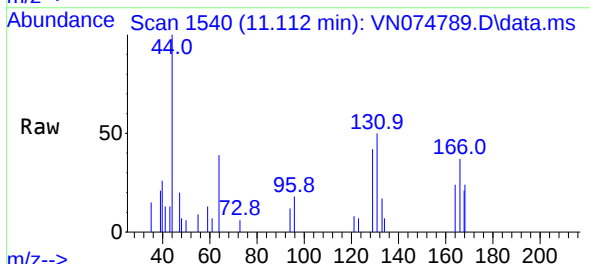
Instrument :
MSVOA_N
ClientSampleId :
MW-2

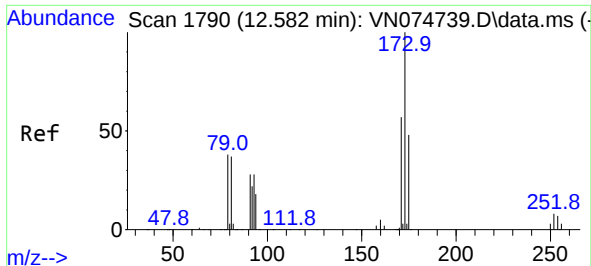
Tgt Ion:117 Resp: 455437
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.5 25.1 37.7



#64
Tetrachloroethene
Concen: 0.256 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion:164 Resp: 947
Ion Ratio Lower Upper
164 100
166 155.4 97.0 145.6#
129 174.9 77.0 115.6#
131 209.5 77.4 116.2#

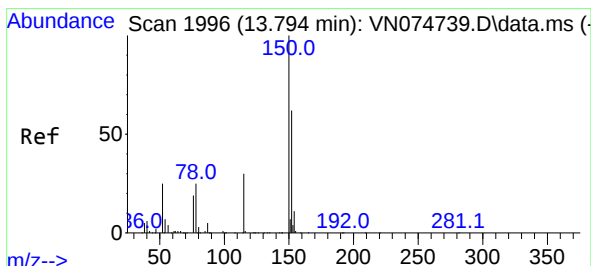
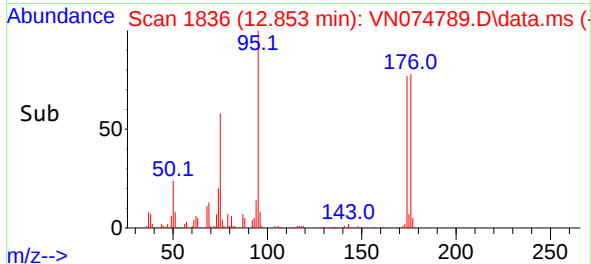
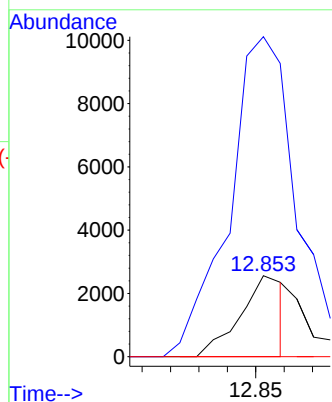
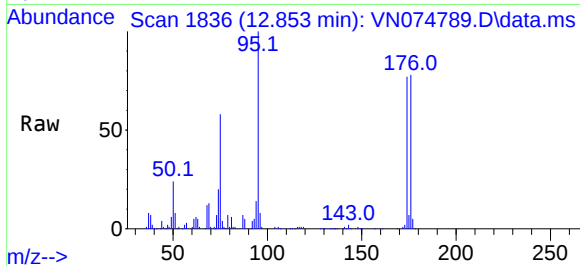




#71
Bromoform
Concen: 0.711 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

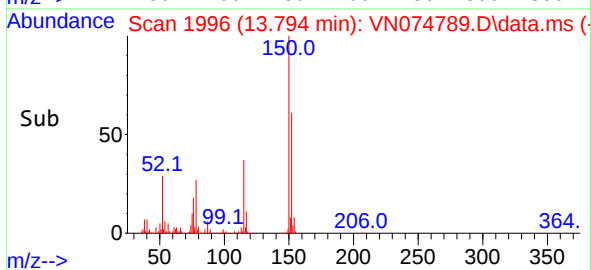
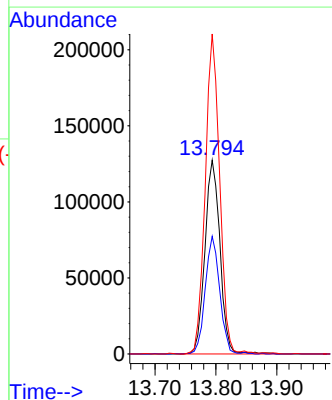
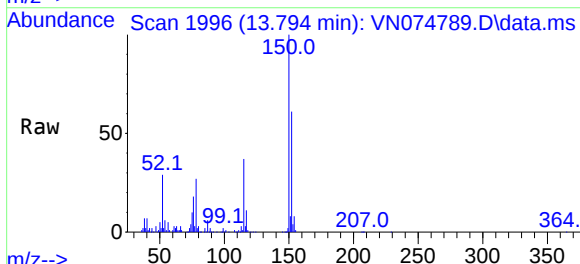
Instrument :
MSVOA_N
ClientSampleId :
MW-2

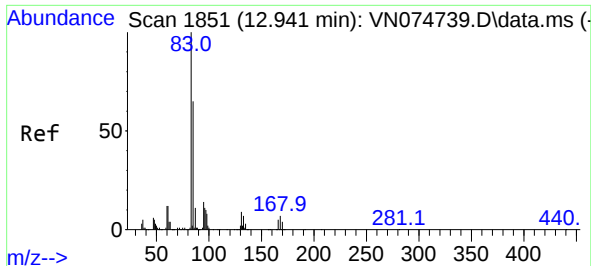
Tgt Ion:173 Resp: 2762
Ion Ratio Lower Upper
173 100
175 487.4 23.9 71.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion:152 Resp: 219066
Ion Ratio Lower Upper
152 100
115 58.3 30.0 90.0
150 157.1 0.0 356.4

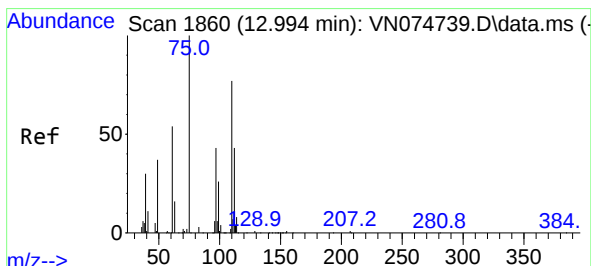
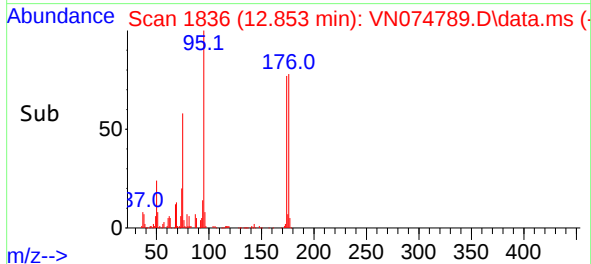
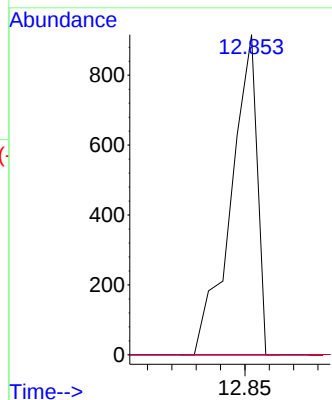
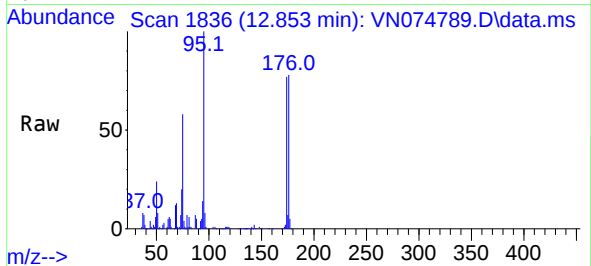




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.853 min Scan# 1836
Delta R.T. -0.088 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

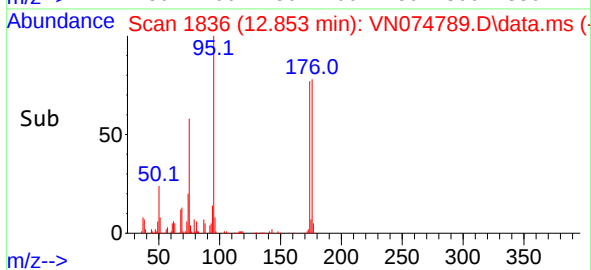
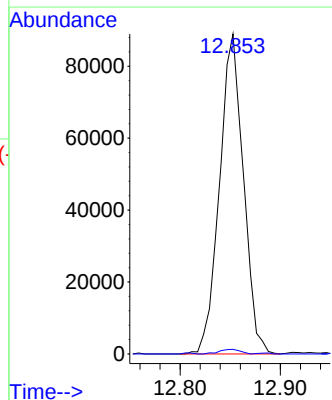
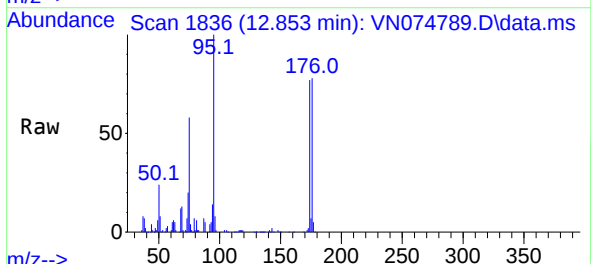
Instrument :
MSVOA_N
ClientSampleId :
MW-2

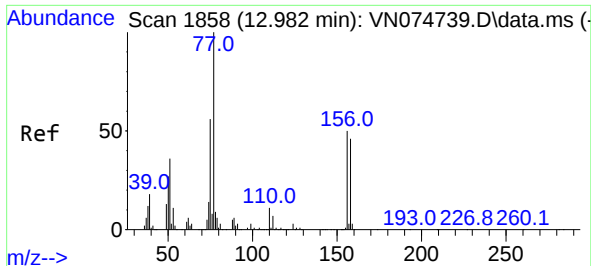
Tgt Ion: 83 Resp: 684
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 0.0 32.9 98.6#



#76
1,2,3-Trichloropropane
Concen: 22.507 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 75 Resp: 147162
Ion Ratio Lower Upper
75 100
77 1.3 76.9 230.7#

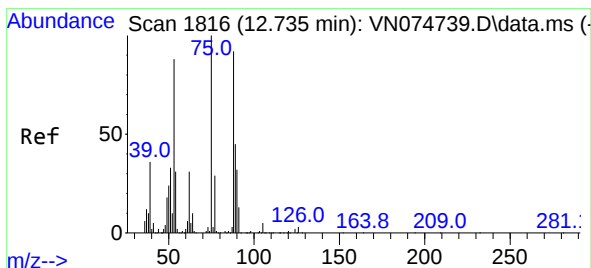
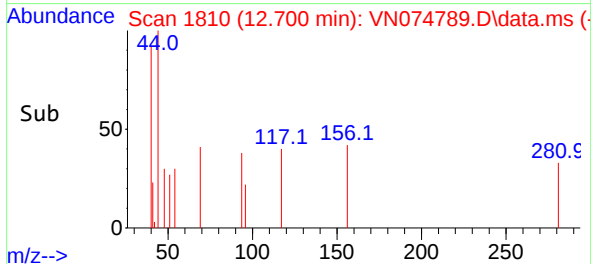
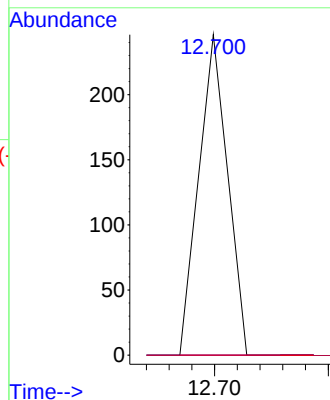
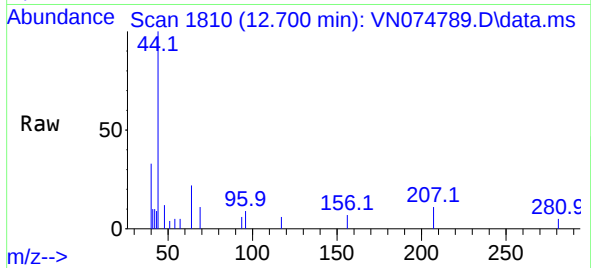




#77
Bromobenzene
Concen: Below Cal
RT: 12.700 min Scan# 11
Delta R.T. -0.282 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:156 Resp: 87
Ion Ratio Lower Upper
156 100
77 0.0 124.7 374.1#
158 0.0 48.3 144.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 43.852 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.117 min
Lab File: VN074789.D
Acq: 06 Oct 2022 17:28

Tgt Ion: 75 Resp: 147162
Ion Ratio Lower Upper
75 100
53 0.3 71.4 107.0#
89 0.0 32.1 48.1#

