

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074534.D
 Acq On : 17 Sep 2022 01:43
 Operator : JC\MD
 Sample : N4549-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50D

Quant Time: Sep 17 06:18:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

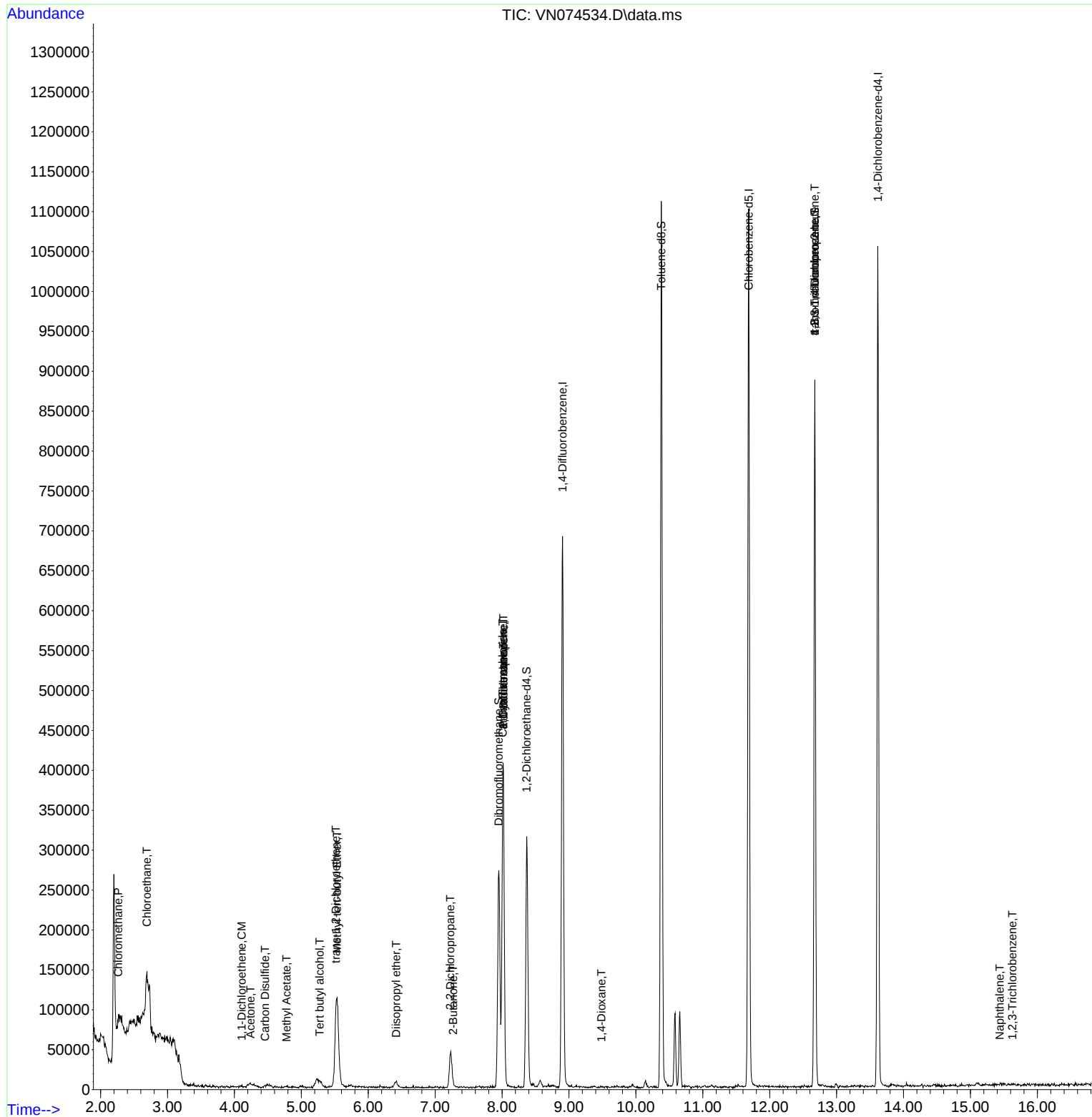
Internal Standards						
1) Pentafluorobenzene	8.022	168	287904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	570603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	554480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	241884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	235484	48.206	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.420%
35) Dibromofluoromethane	7.951	113	194942	51.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.860%
50) Toluene-d8	10.380	98	706614	48.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.674	95	270141	53.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	3723	0.961	ug/l #	87
6) Chloroethane	2.693	64	28059	7.283	ug/l #	61
11) Tert butyl alcohol	5.275	59	9388	5.900	ug/l #	72
12) 1,1-Dichloroethene	4.110	96	162	0.727	ug/l #	1
16) Acetone	4.240	43	8044	2.573	ug/l #	82
17) Carbon Disulfide	4.457	76	3367	0.324	ug/l #	75
18) Methyl Acetate	4.781	43	3070	0.316	ug/l #	70
19) Methyl tert-butyl Ether	5.534	73	182331	11.409	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	109	0.455	ug/l #	1
22) Diisopropyl ether	6.416	45	9704	0.534	ug/l #	84
25) 2-Butanone	7.269	43	1518	0.292	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	2037	0.260	ug/l #	53
28) Bromochloromethane	7.622	49	56	Below Cal	#	8
31) Cyclohexane	8.016	56	9499	1.096	ug/l #	73
36) 1,1-Dichloropropene	8.022	75	30319	4.519	ug/l #	48
38) Carbon Tetrachloride	8.010	117	32402	5.231	ug/l #	17
49) 1,4-Dioxane	9.486	88	111	0.802	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	161923	21.748	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	161923	46.939	ug/l #	10
95) Naphthalene	15.439	128	940	1.633	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.627	180	62	1.349	ug/l #	1

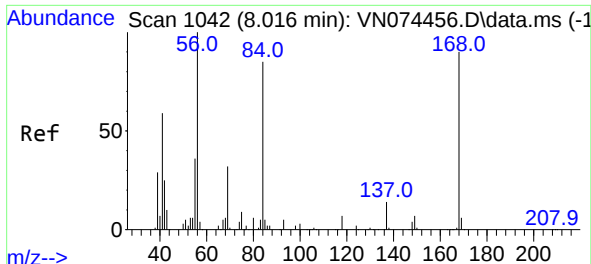
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

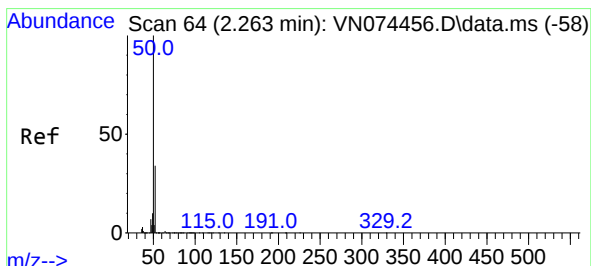
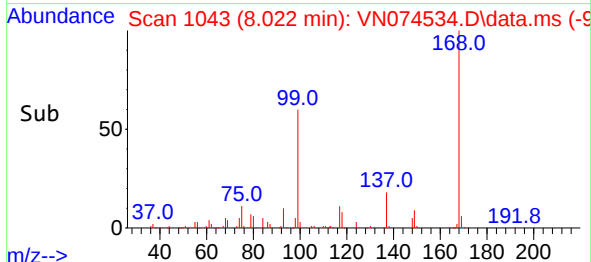
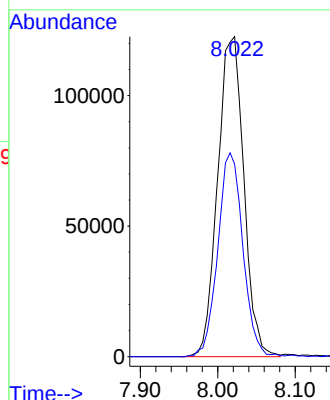
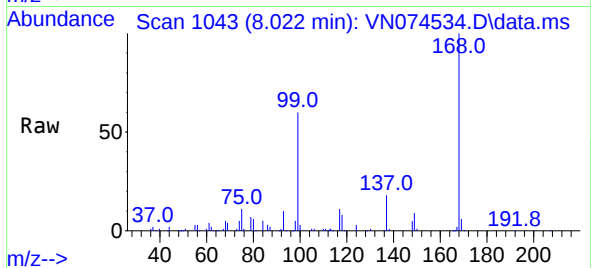




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

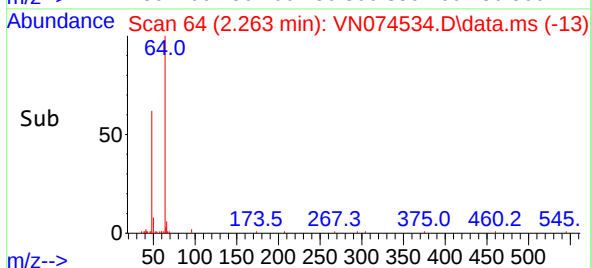
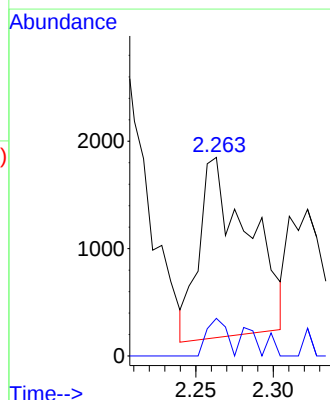
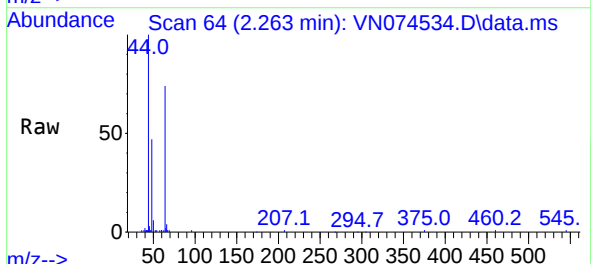
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

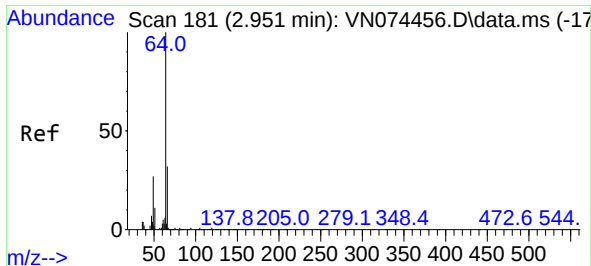
Tgt Ion:168 Resp: 287904
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5



#3
Chloromethane
Concen: 0.961 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 50 Resp: 3723
Ion Ratio Lower Upper
50 100
52 24.6 25.7 38.5#

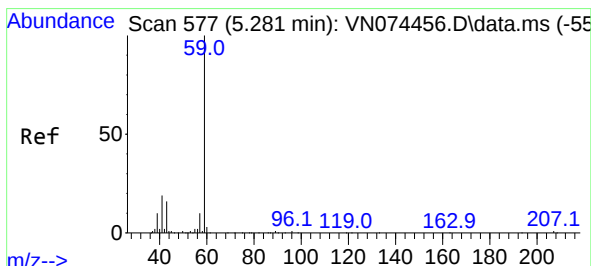
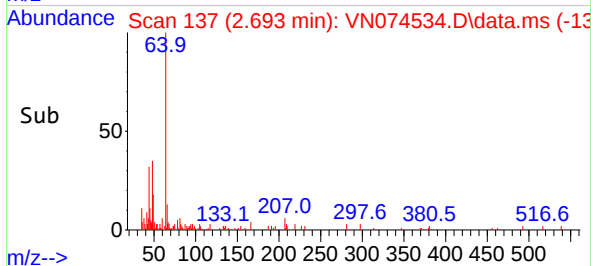
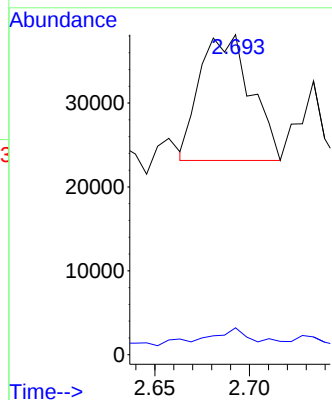
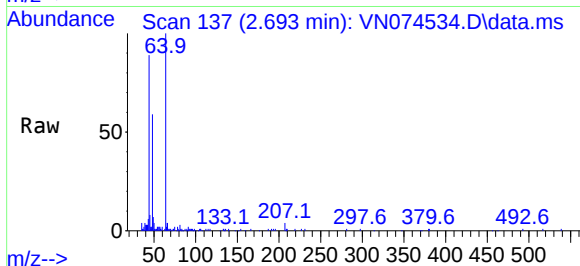




#6
Chloroethane
Concen: 7.283 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.258 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

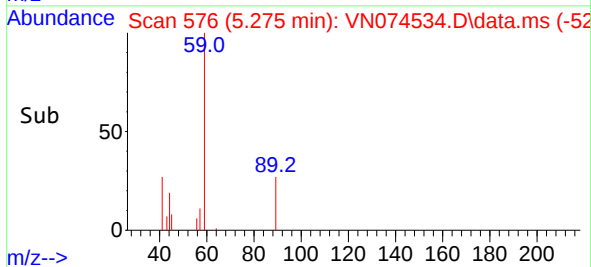
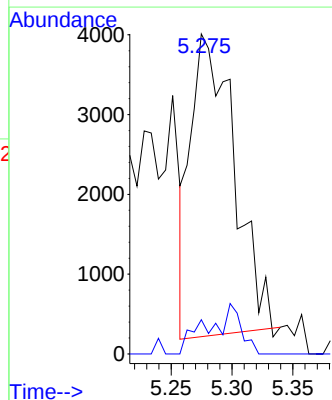
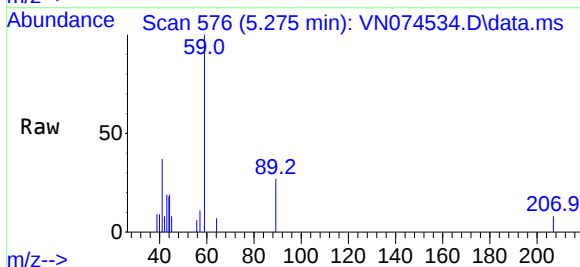
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

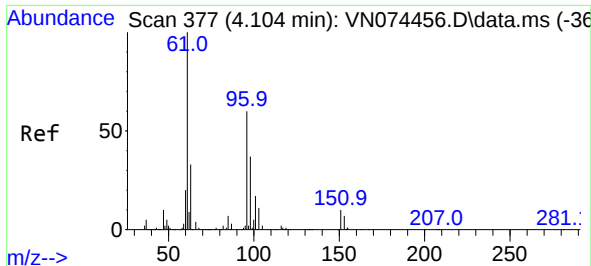
Tgt Ion: 64 Resp: 28059
Ion Ratio Lower Upper
64 100
66 10.8 26.2 39.4#



#11
Tert butyl alcohol
Concen: 5.900 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.006 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 59 Resp: 9388
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

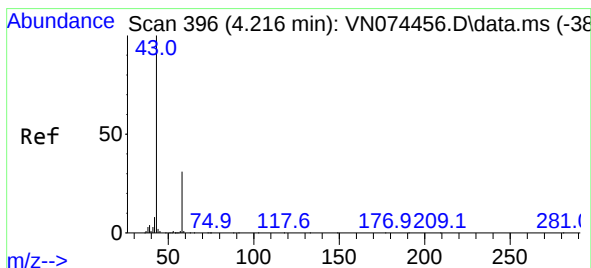
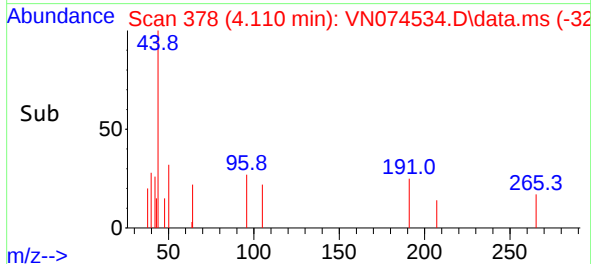
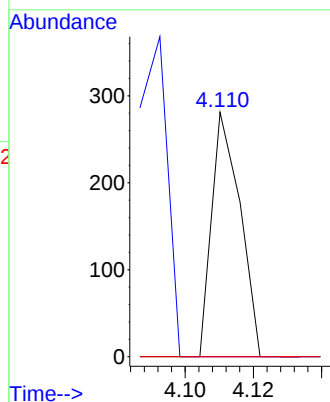
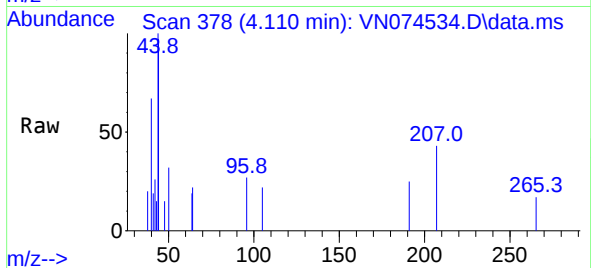




#12
1,1-Dichloroethene
Concen: 0.727 ug/l
RT: 4.110 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

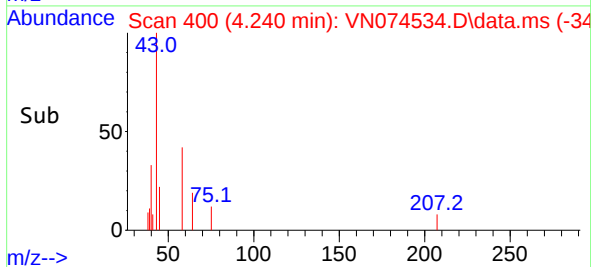
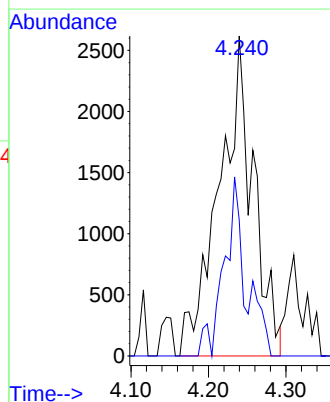
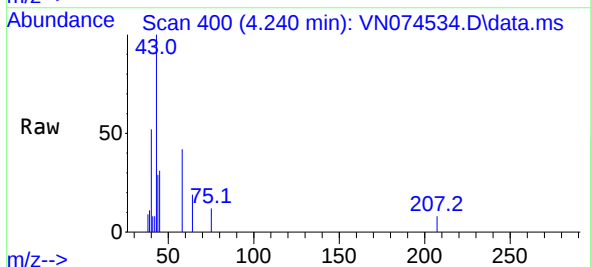
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

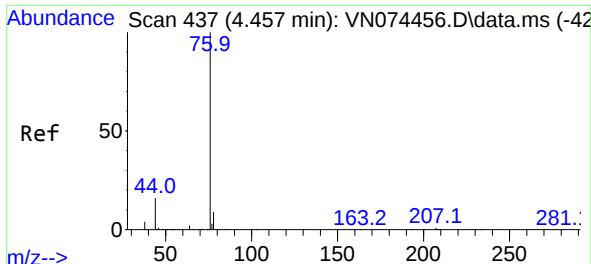
Tgt Ion: 96 Resp: 162
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 2.573 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.024 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 43 Resp: 8044
Ion Ratio Lower Upper
43 100
58 42.4 26.0 39.0#

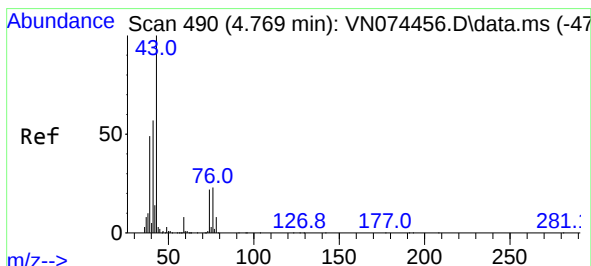
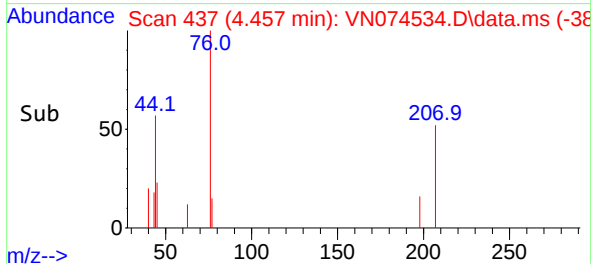
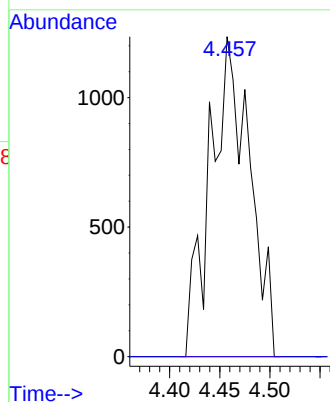
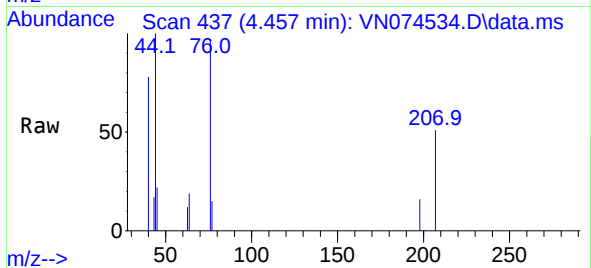




#17
Carbon Disulfide
Concen: 0.324 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

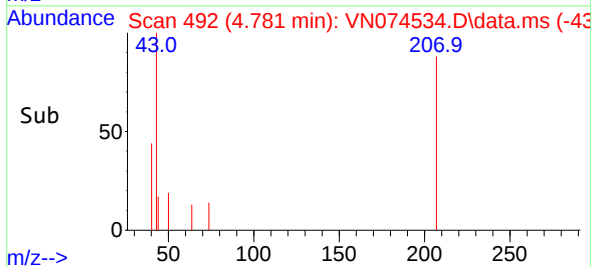
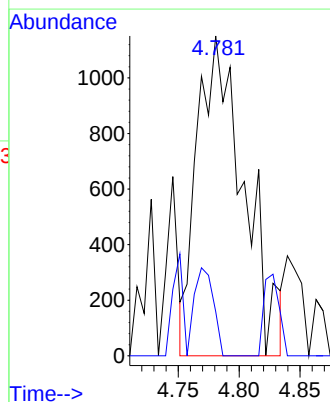
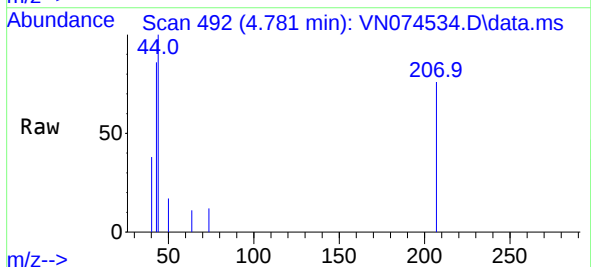
Instrument :
MSVOA_N
ClientSampleId :
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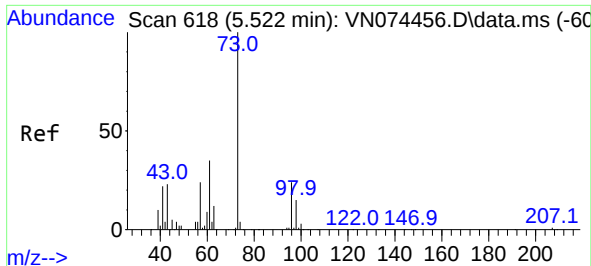
Tgt Ion: 76 Resp: 3367
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.316 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 43 Resp: 3070
Ion Ratio Lower Upper
43 100
74 11.4 21.6 32.4#

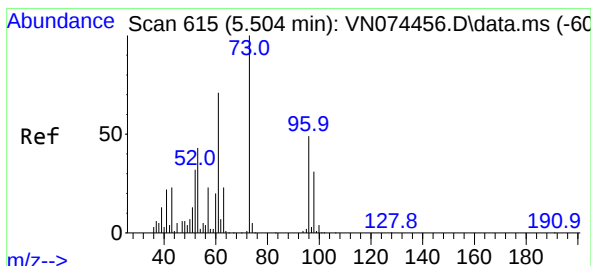
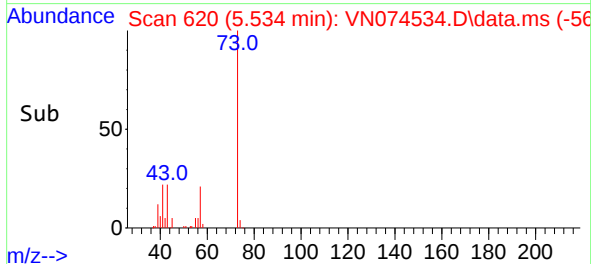
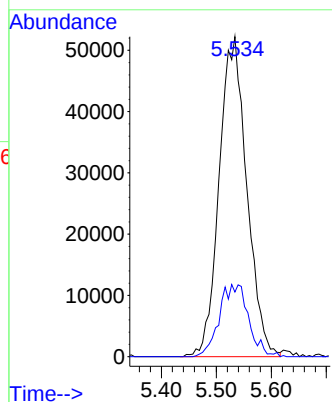
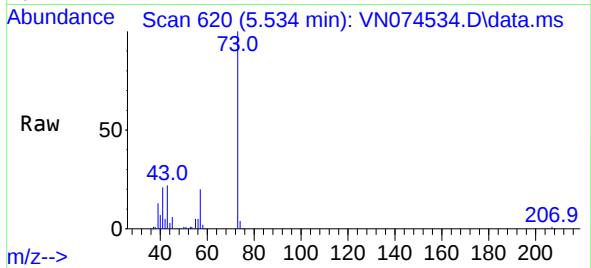




#19
Methyl tert-butyl Ether
Concen: 11.409 ug/l
RT: 5.534 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

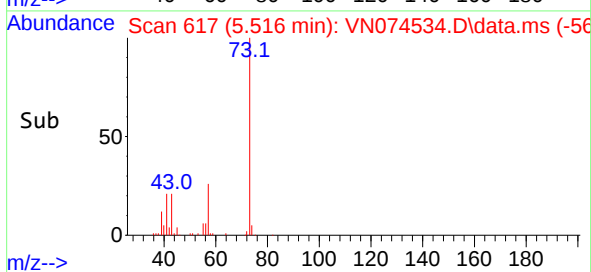
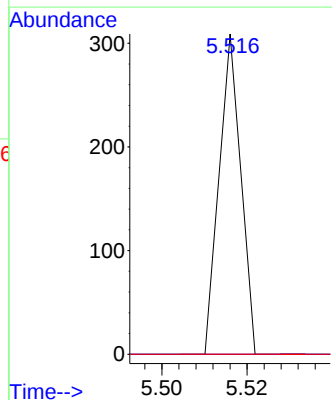
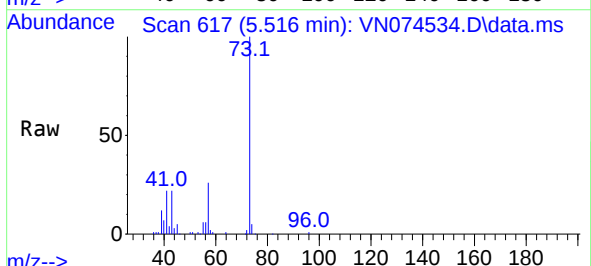
Instrument :
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ClientSampleId :
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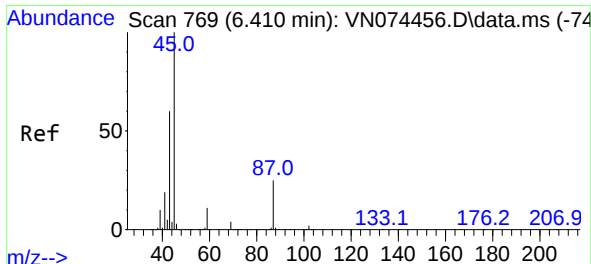
Tgt Ion: 73 Resp: 182331
Ion Ratio Lower Upper
73 100
57 20.2 17.6 26.4



#21
trans-1,2-Dichloroethene
Concen: 0.455 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

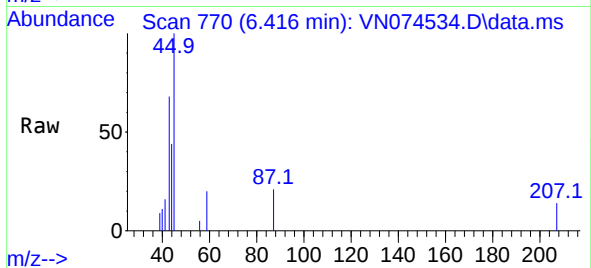
Tgt Ion: 96 Resp: 109
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



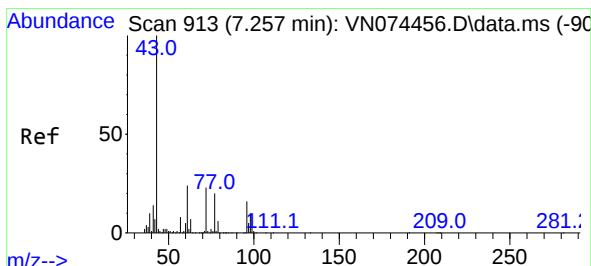
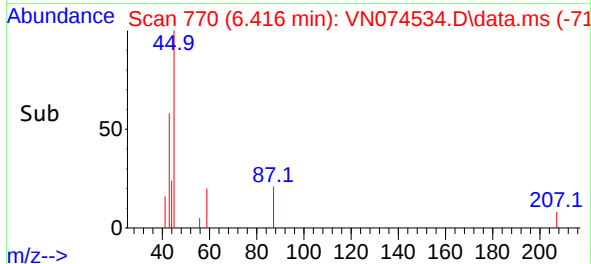
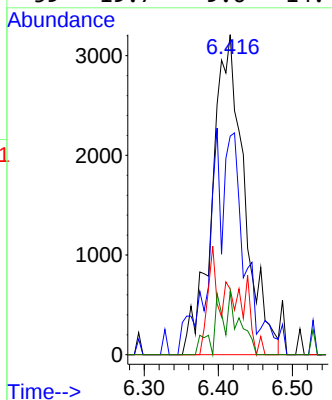


#22
Diisopropyl ether
Concen: 0.534 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Instrument :
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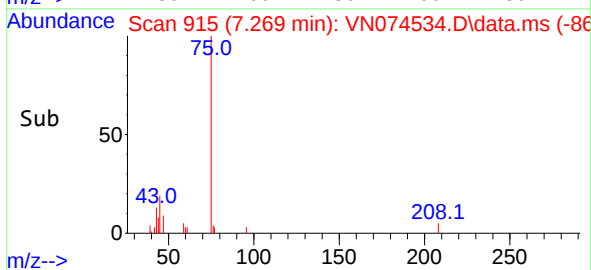
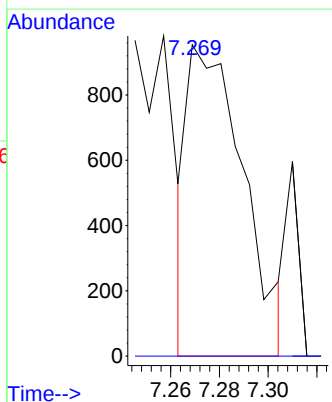
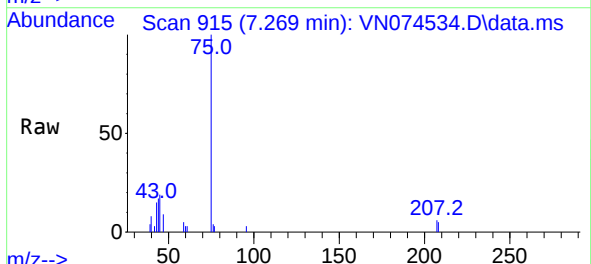


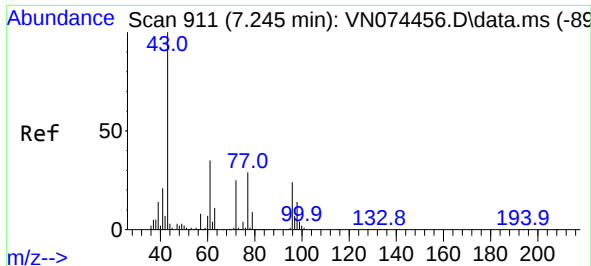
Tgt Ion:	45	Resp:	9704
Ion	Ratio	Lower	Upper
45	100		
43	68.3	46.6	70.0
87	20.5	24.3	36.5#
59	19.7	9.6	14.4#



#25
2-Butanone
Concen: 0.292 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion:	43	Resp:	1518
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

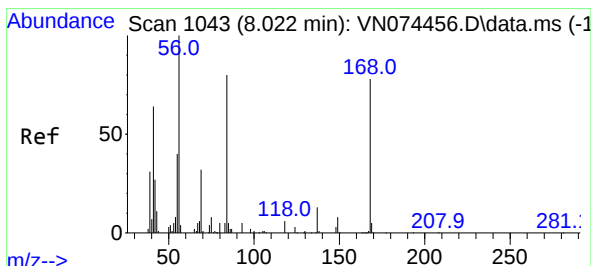
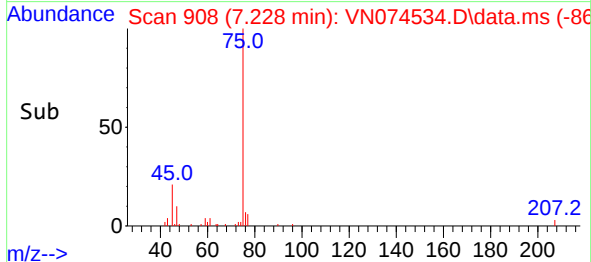
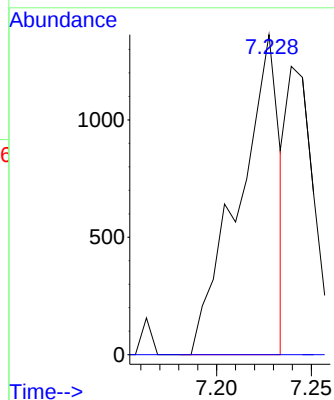
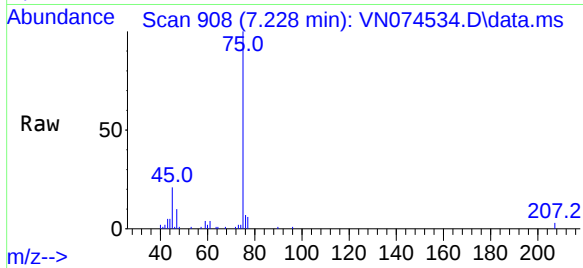




#26
2,2-Dichloropropane
Concen: 0.260 ug/l
RT: 7.228 min Scan# 90
Delta R.T. -0.017 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

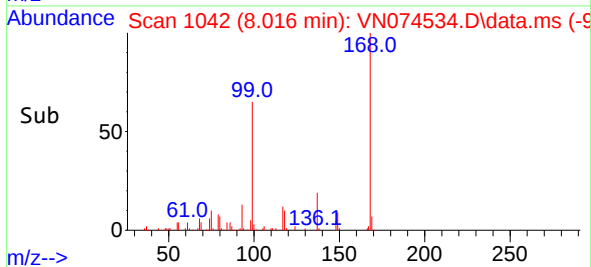
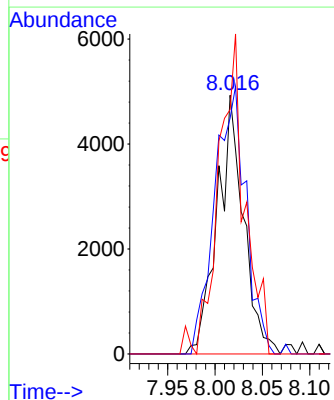
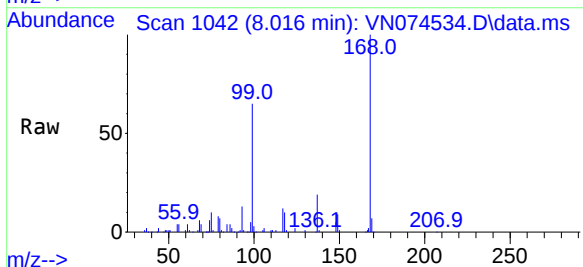
Instrument :
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MW-50D

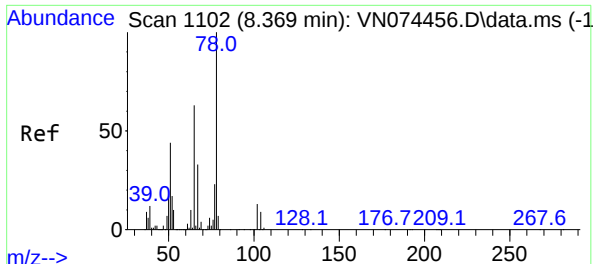
Tgt Ion: 77 Resp: 2037
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 56 Resp: 9499
Ion Ratio Lower Upper
56 100
69 91.3 27.8 41.8#
84 94.5 76.9 115.3

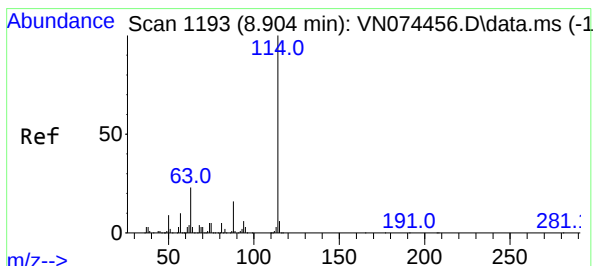
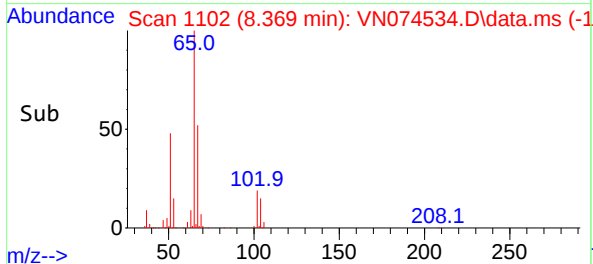
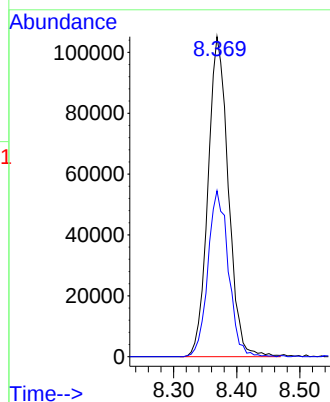
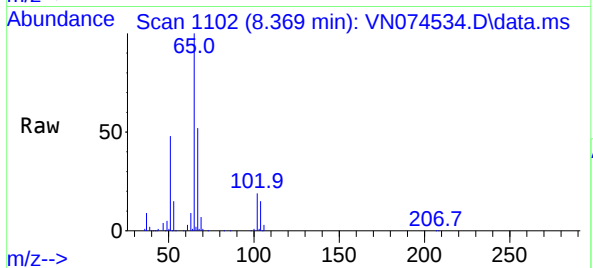




#33
1,2-Dichloroethane-d4
Concen: 48.206 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

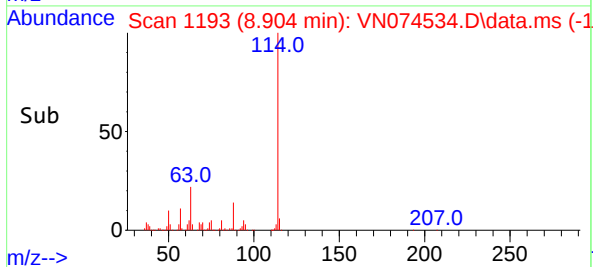
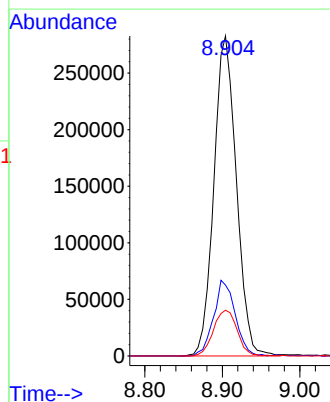
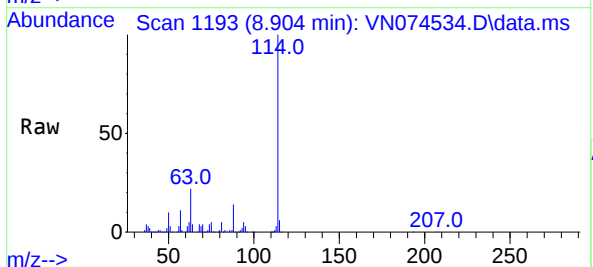
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

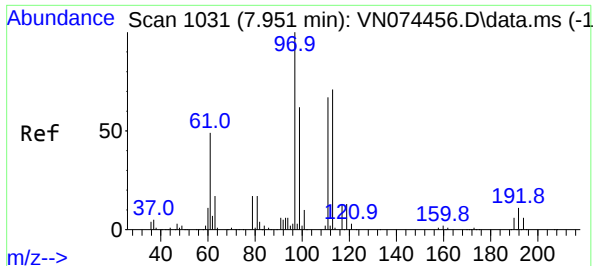
Tgt Ion: 65 Resp: 235484
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 114 Resp: 570603
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 14.3 0.0 32.6

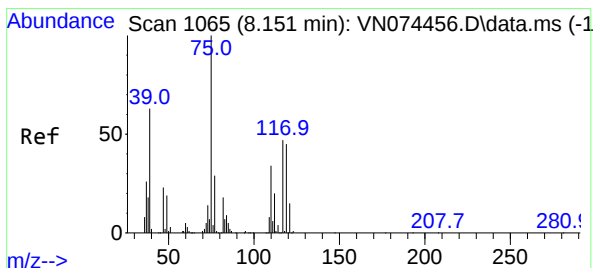
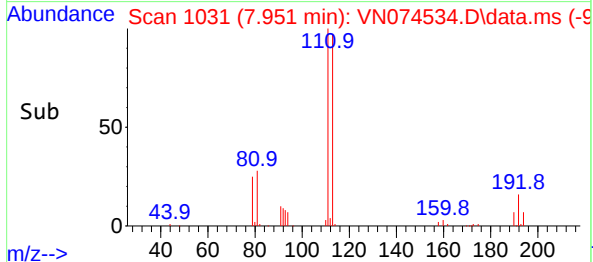
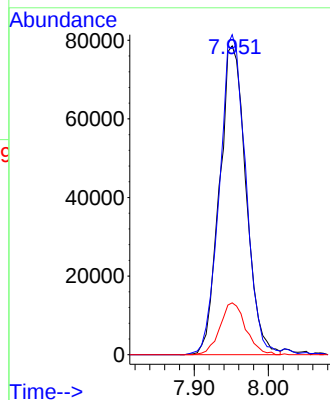
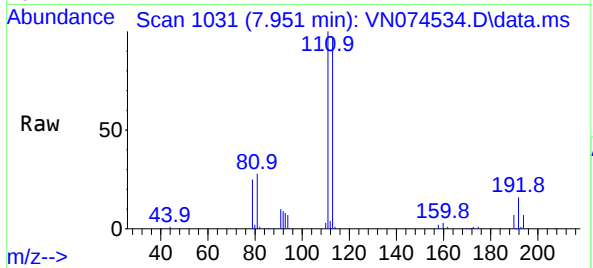




#35
Dibromofluoromethane
Concen: 51.430 ug/l
RT: 7.951 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

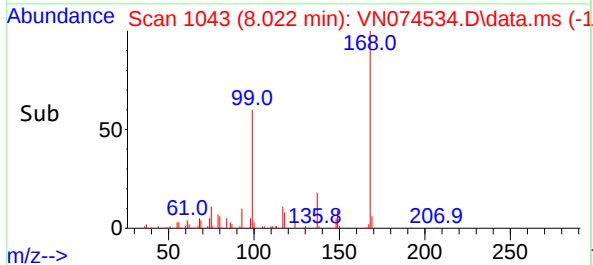
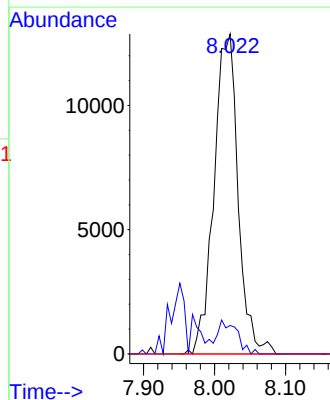
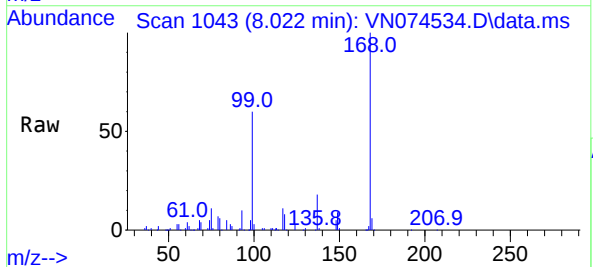
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

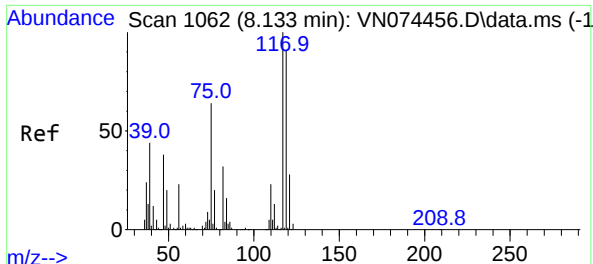
Tgt Ion:113 Resp: 194942
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 16.3 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 75 Resp: 30319
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#

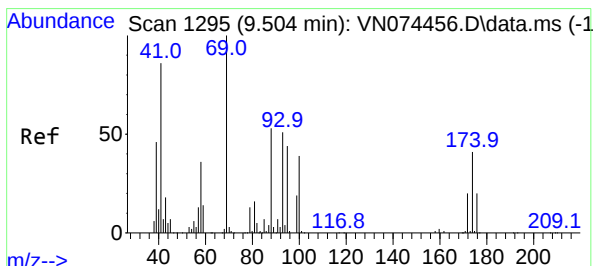
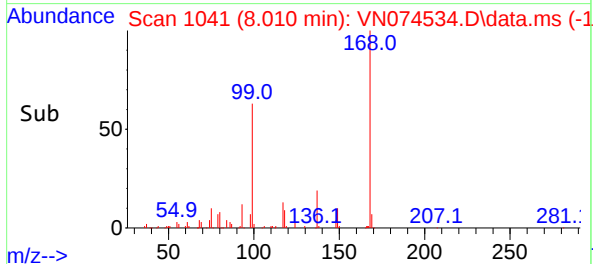
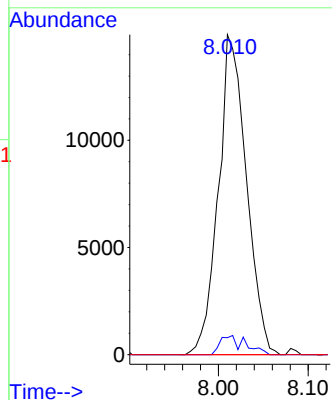
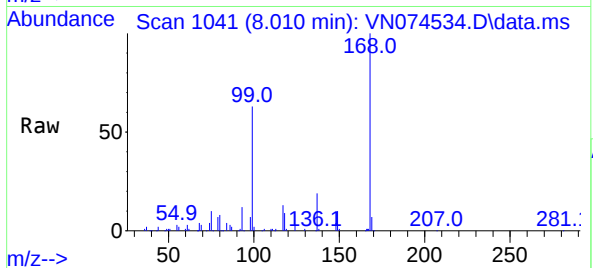




#38
Carbon Tetrachloride
Concen: 5.231 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

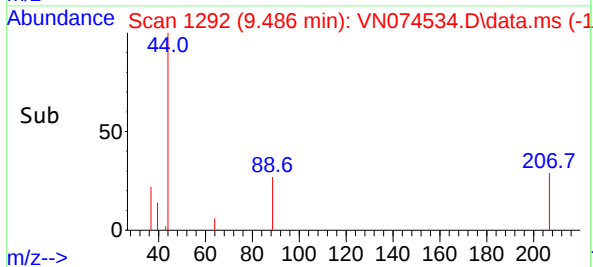
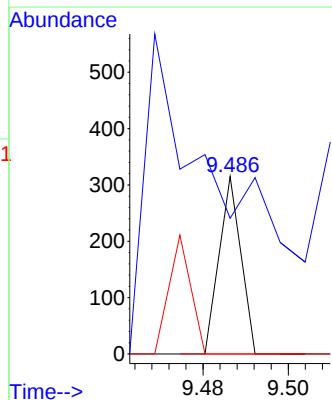
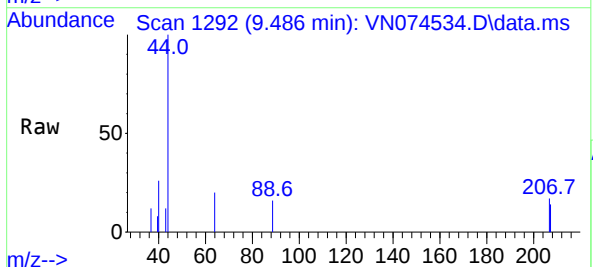
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

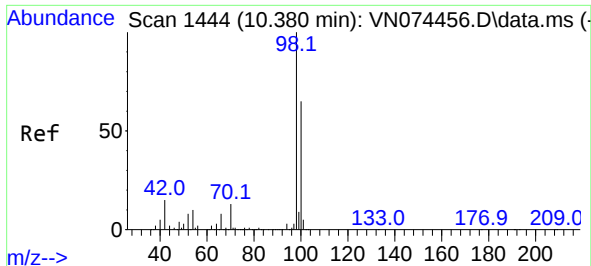
Tgt Ion:117 Resp: 32402
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.802 ug/l
RT: 9.486 min Scan# 1292
Delta R.T. -0.018 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 688.3 20.2 30.4#
58 66.7 54.2 81.4

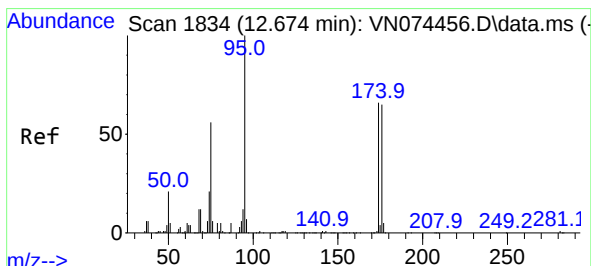
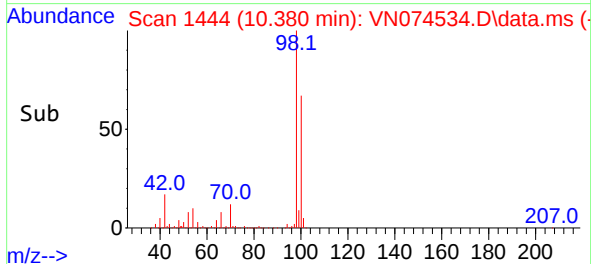
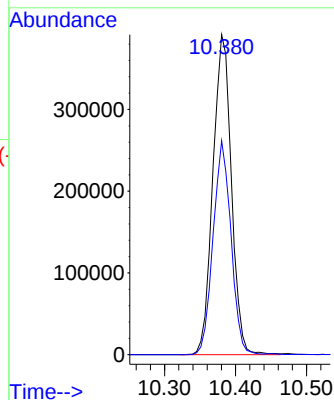
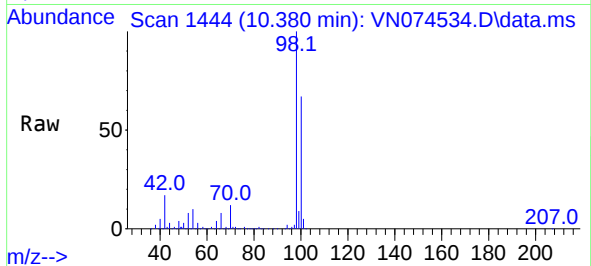




#50
Toluene-d8
Concen: 48.204 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

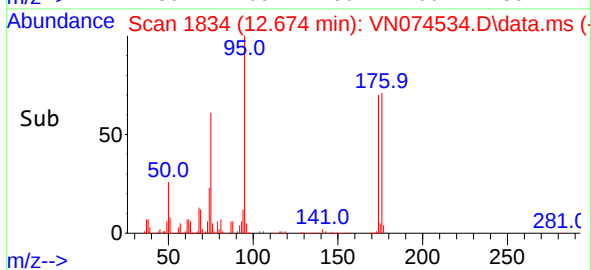
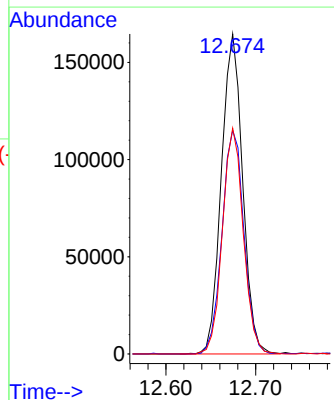
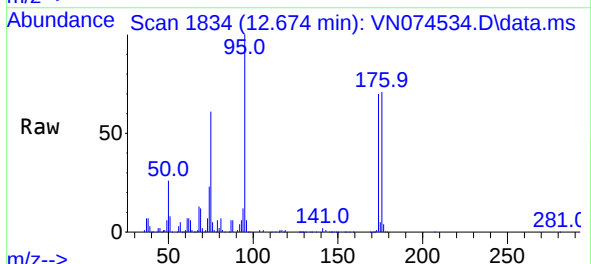
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

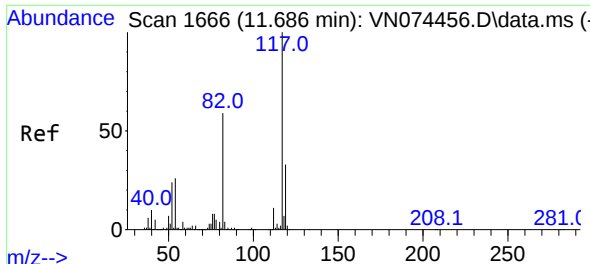
Tgt Ion: 98 Resp: 706614
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.806 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 95 Resp: 270141
Ion Ratio Lower Upper
95 100
174 72.1 0.0 167.6
176 69.4 0.0 163.4

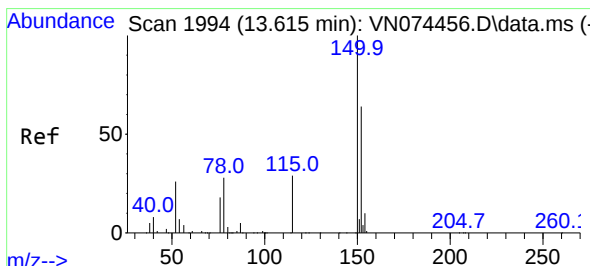
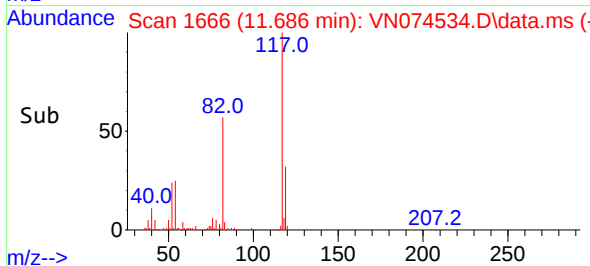
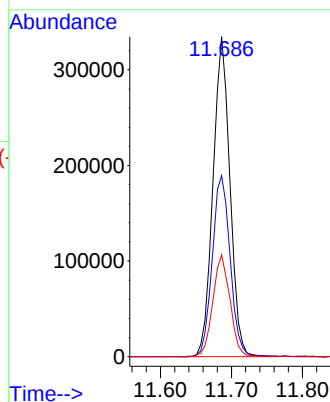
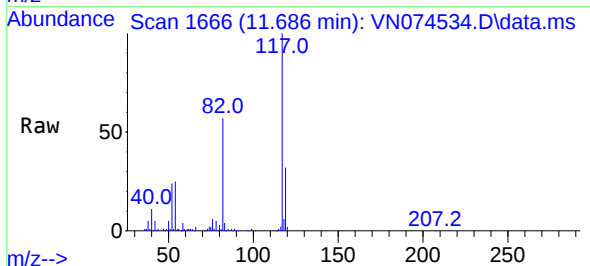




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

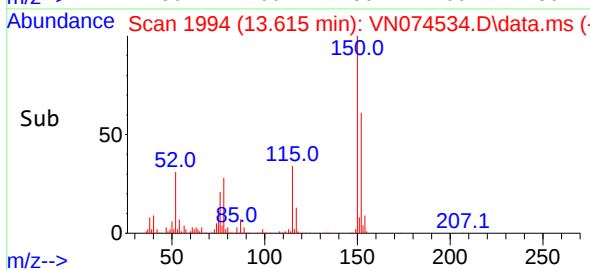
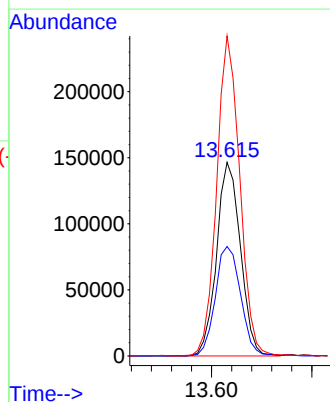
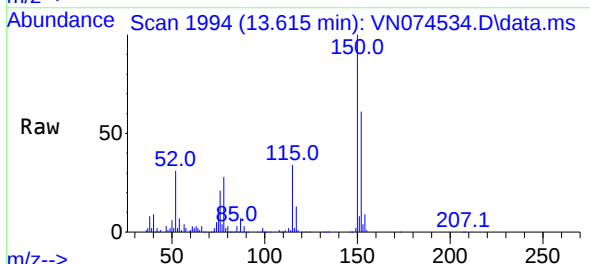
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

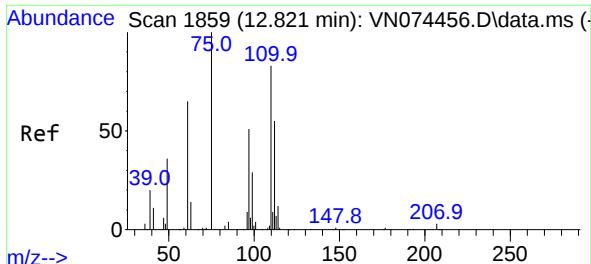
Tgt Ion:	117	Resp:	554480
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.2	66.2
119	31.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion:	152	Resp:	241884
Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.9	86.7
150	160.2	0.0	356.2

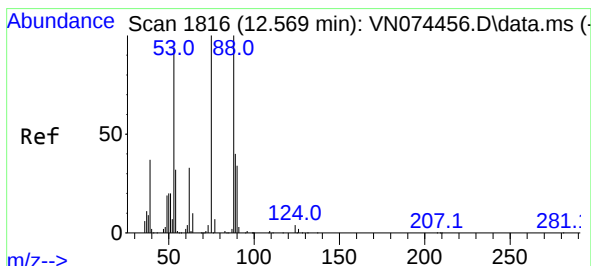
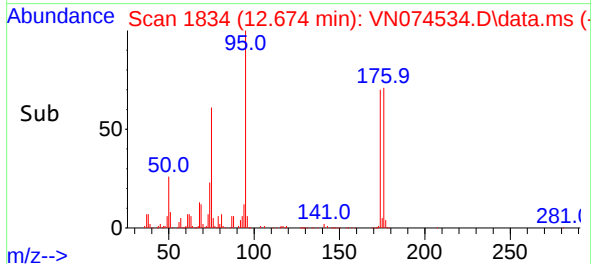
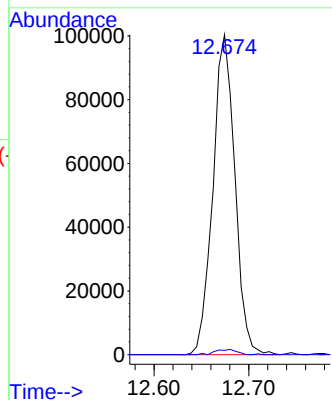
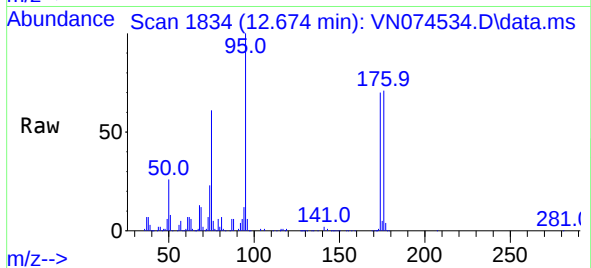




#76
1,2,3-Trichloropropane
Concen: 21.748 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

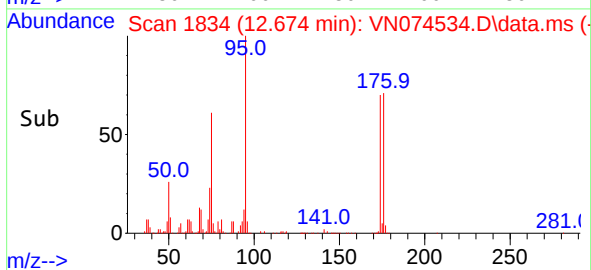
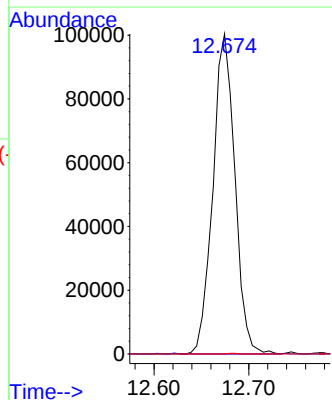
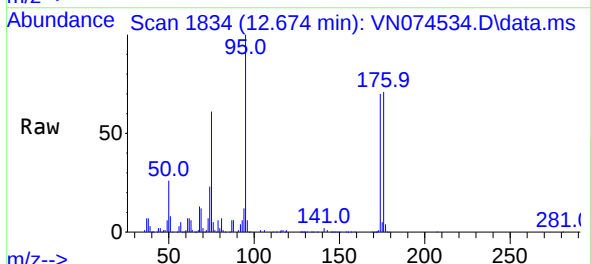
Instrument :
MSVOA_N
ClientSampleId :
MW-50D

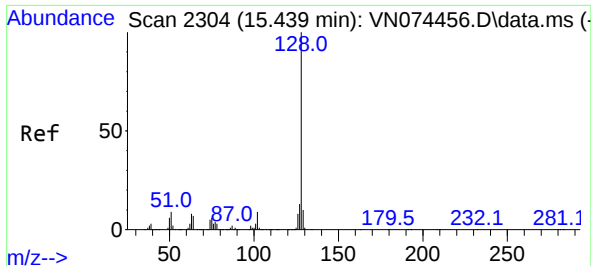
Tgt Ion: 75 Resp: 161923
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.939 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion: 75 Resp: 161923
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#

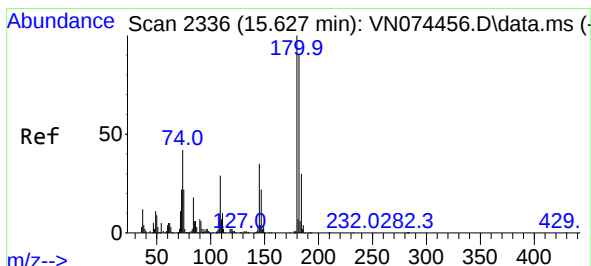
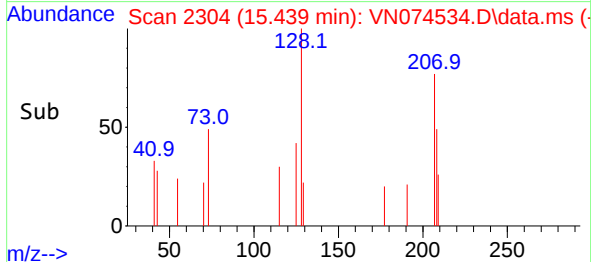
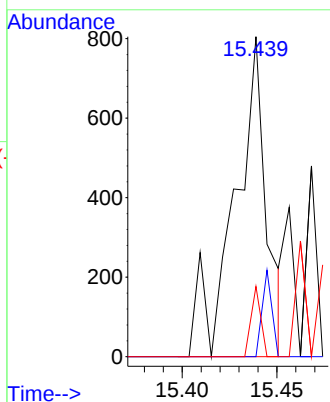
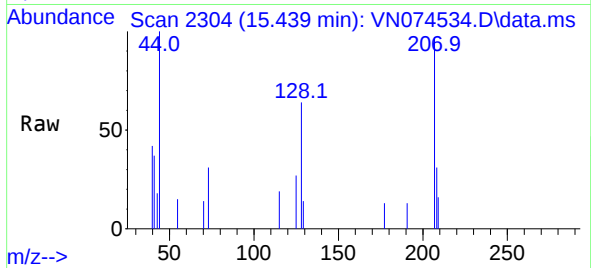




#95
Naphthalene
Concen: 1.633 ug/l
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Instrument :
MSVOA_N
ClientSampleId :
MW-50D

Tgt Ion:128 Resp: 940
Ion Ratio Lower Upper
128 100
127 8.2 10.3 15.5#
129 6.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.349 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074534.D
Acq: 17 Sep 2022 01:43

Tgt Ion:180 Resp: 62
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 177.4 15.5 46.5#

