

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020310.D
 Acq On : 22 Dec 2020 17:50
 Operator : JC/MD
 Sample : L5094-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW007(SBR)-121320

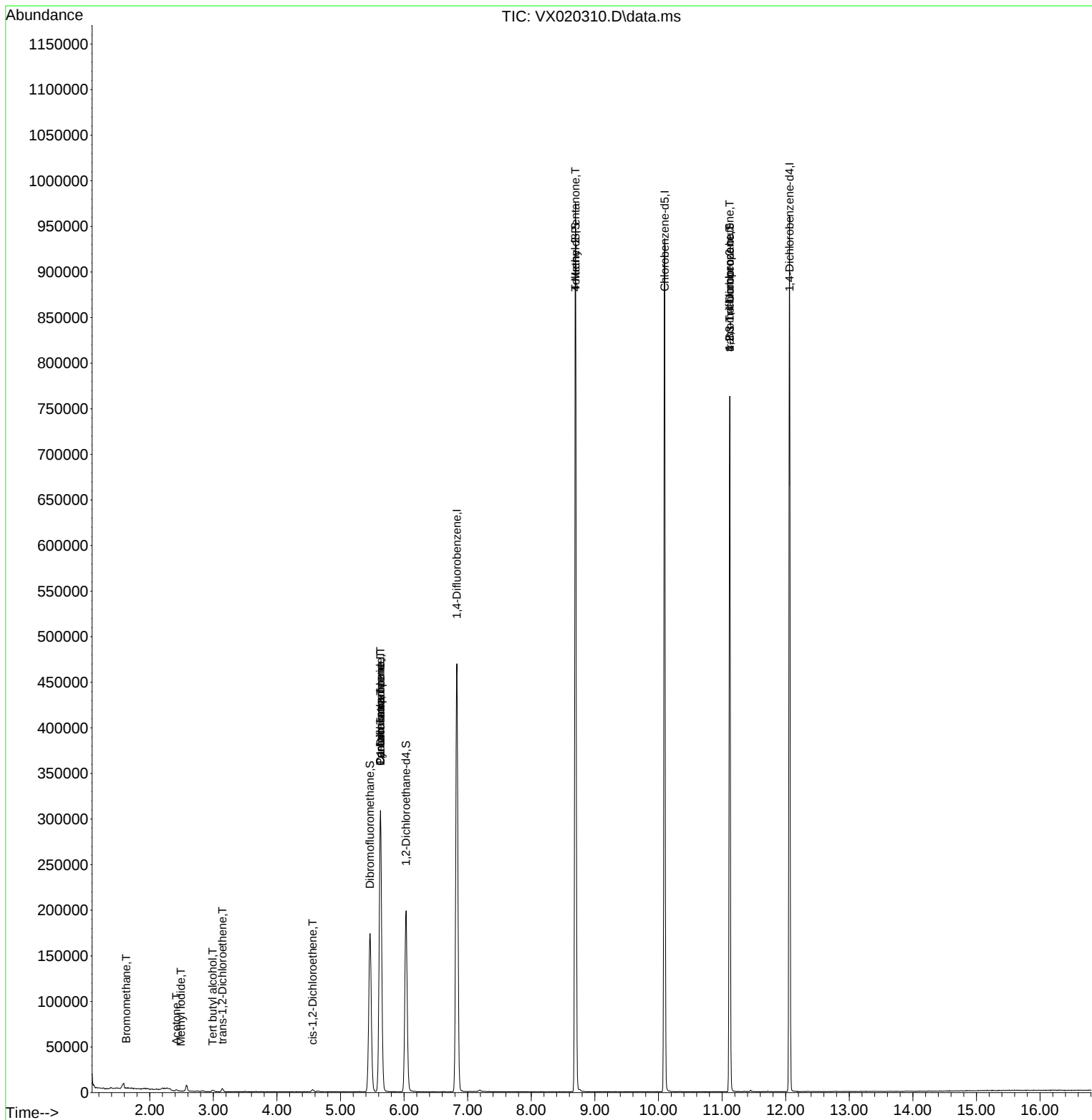
Quant Time: Dec 23 00:33:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

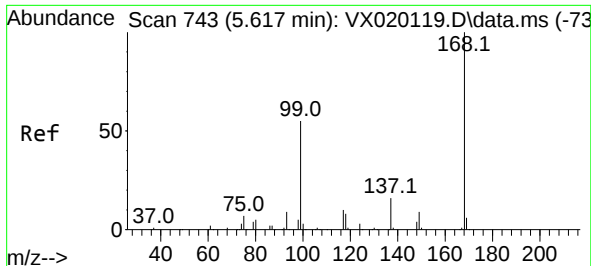
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	293806	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	483263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	444728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	187885	47.71	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.42%		
35) Dibromofluoromethane	5.464	113	151344	48.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.92%		
50) Toluene-d8	8.696	98	579484	48.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.40%		
62) 4-Bromofluorobenzene	11.122	95	210489	46.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.44%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	359	0.28	ug/l	92
10) Methyl Iodide	2.489	142	96	3.31	ug/l #	42
11) Tert butyl alcohol	2.989	59	1314	1.49	ug/l #	73
16) Acetone	2.416	43	1840	1.02	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	1411	0.39	ug/l	88
27) cis-1,2-Dichloroethene	4.562	96	1564	0.38	ug/l	94
31) Cyclohexane	5.629	56	5695	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22587	4.73	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29184	6.42	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2384	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	101689	21.58	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	101689	64.02	ug/l #	12

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

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Response via : Initial Calibration

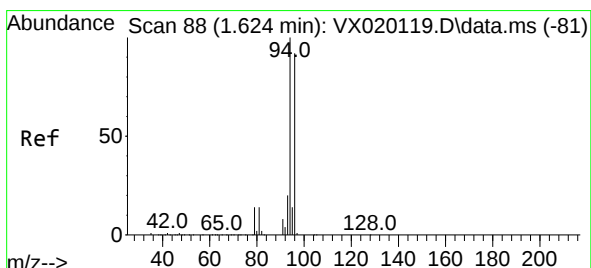
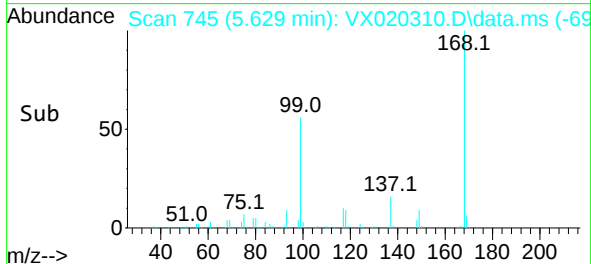
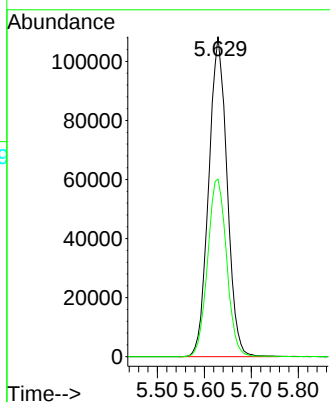
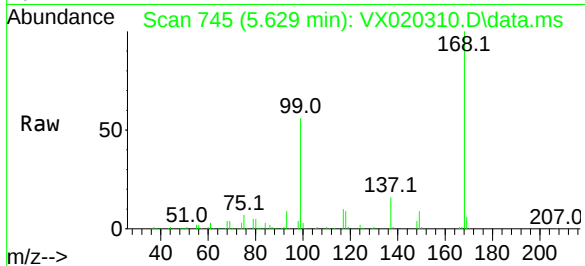




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

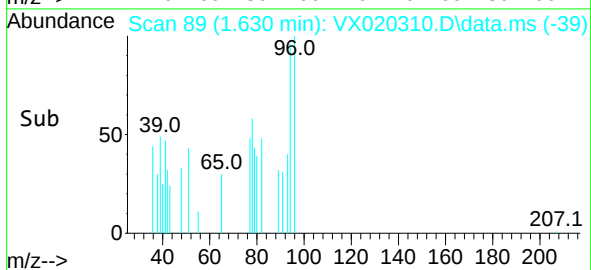
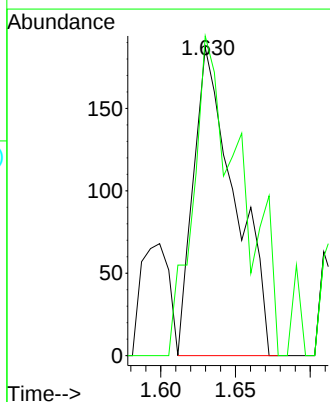
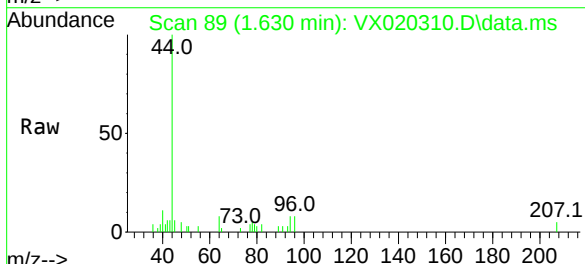
Instrument :
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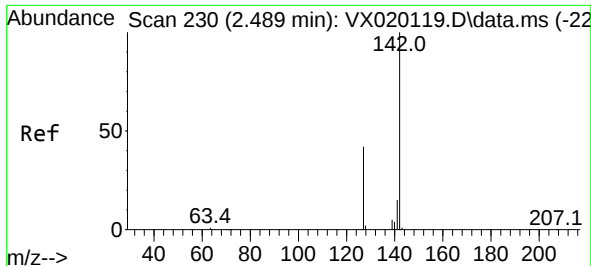
Tgt Ion:168 Resp: 293806
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 103.7 76.4 114.6

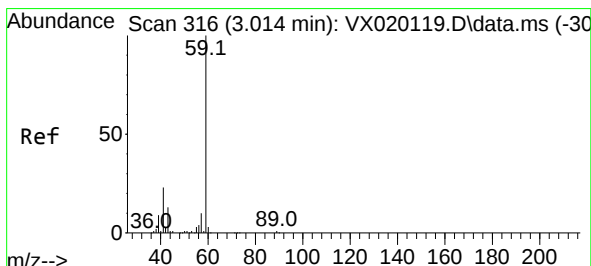
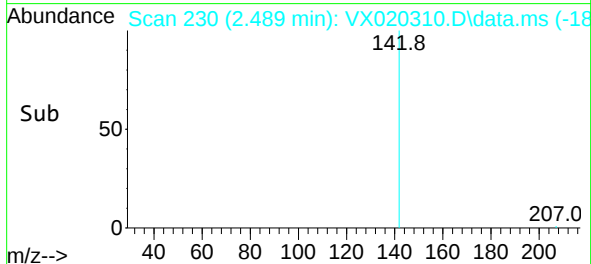
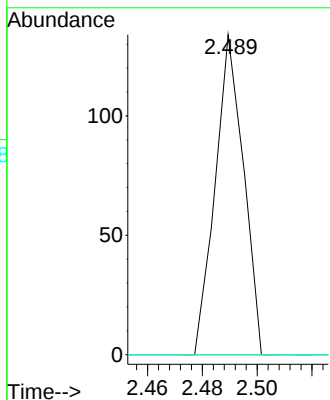
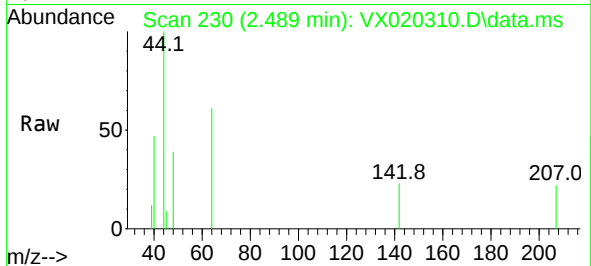




#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

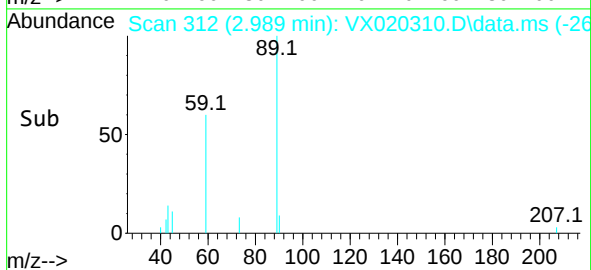
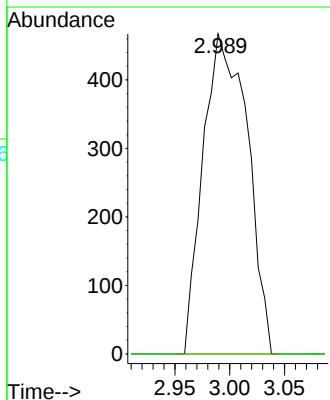
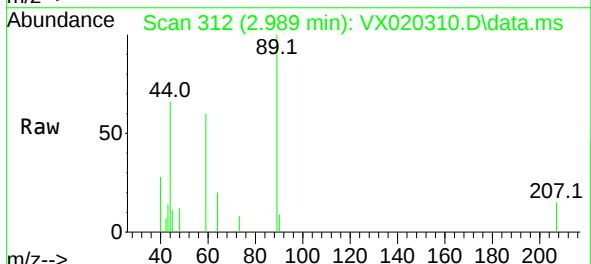
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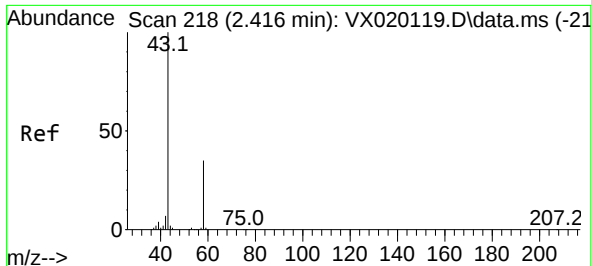
Tgt Ion:142 Resp: 96
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.49 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Tgt Ion: 59 Resp: 1314
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

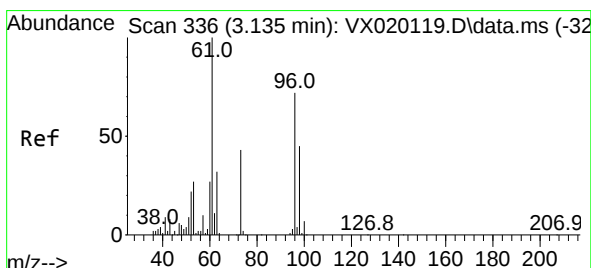
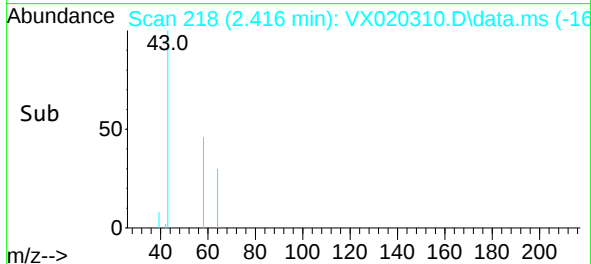
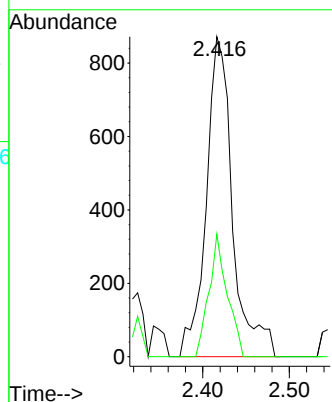
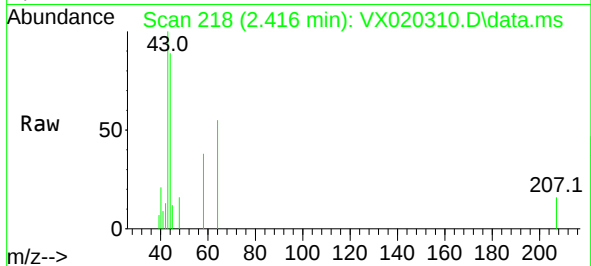




#16
Acetone
Concen: 1.02 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

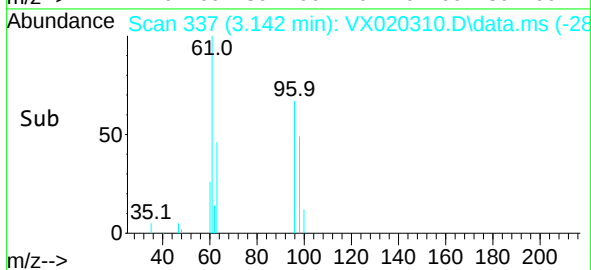
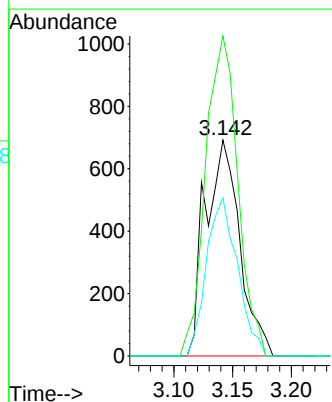
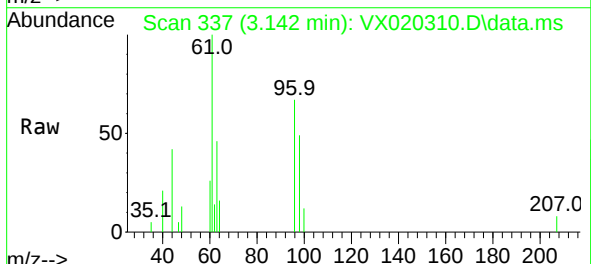
Instrument :
MSVOA_X
ClientSampleId :
49-MW007(SBR)-121320

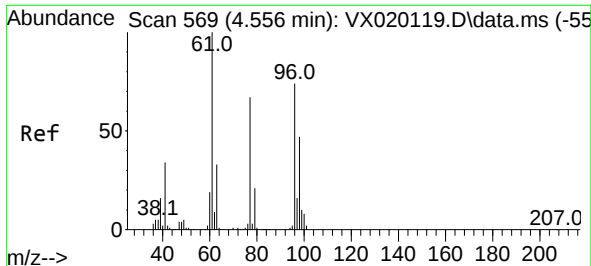
Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 38.3 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.39 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Tgt Ion: 96 Resp: 1411
Ion Ratio Lower Upper
96 100
61 148.3 107.7 161.5
98 73.3 50.4 75.6

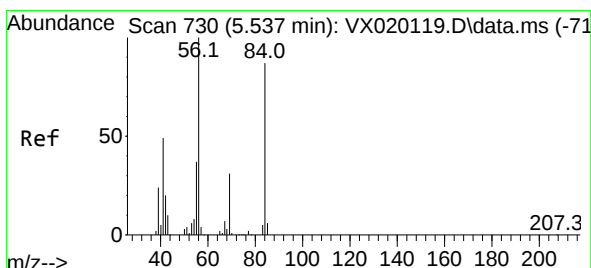
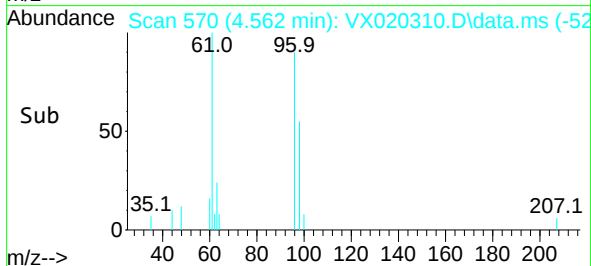
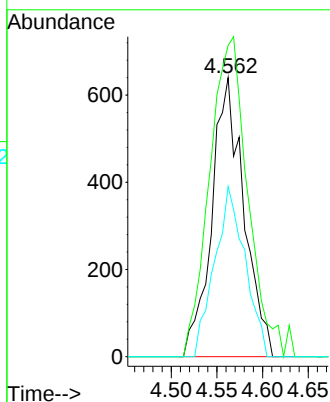
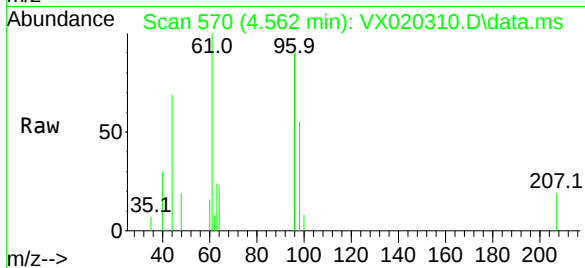




#27
 cis-1,2-Dichloroethene
 Concen: 0.38 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020310.D
 Acq: 22 Dec 2020 17:50

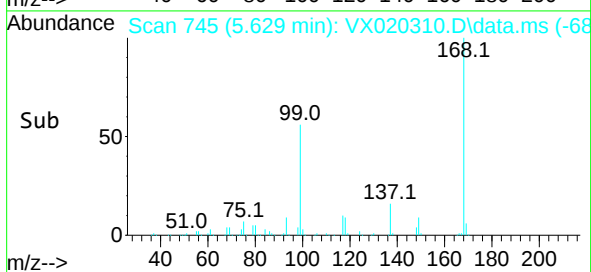
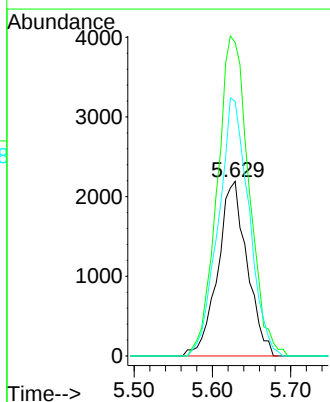
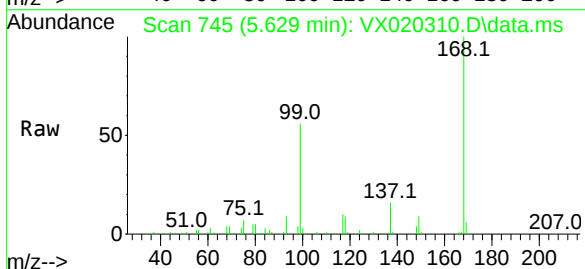
Instrument :
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 49-MW007(SBR)-121320

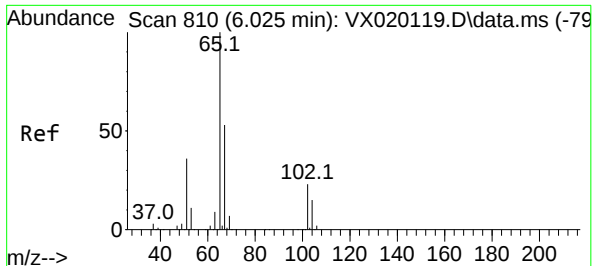
Tgt Ion:	96	Resp:	1564
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	285.6
98	57.7	0.0	129.6



#31
 Cyclohexane
 Concen: 1.05 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.092 min
 Lab File: VX020310.D
 Acq: 22 Dec 2020 17:50

Tgt Ion:	56	Resp:	5695
Ion	Ratio	Lower	Upper
56	100		
69	179.7	25.3	37.9#
84	145.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.71 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020310.D

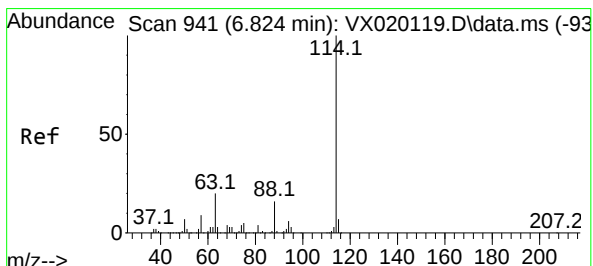
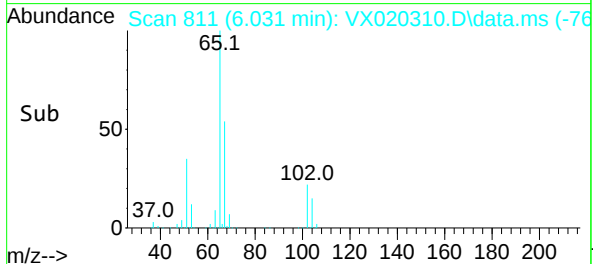
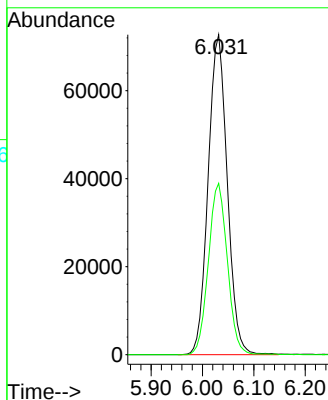
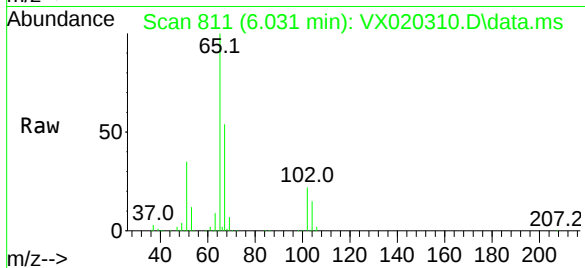
Acq: 22 Dec 2020 17:50

Tgt Ion: 65 Resp: 187885

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020310.D

Acq: 22 Dec 2020 17:50

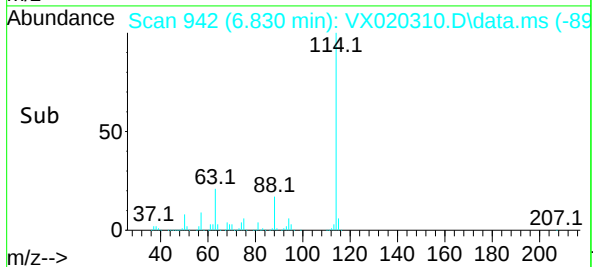
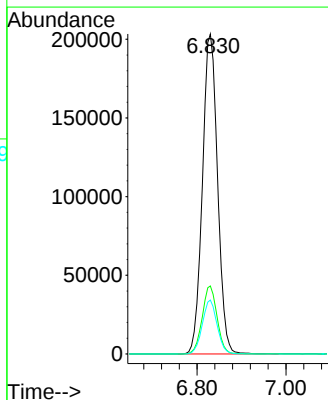
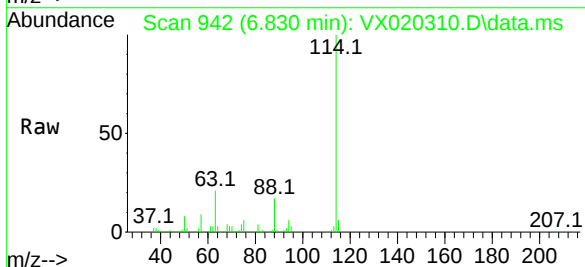
Tgt Ion: 114 Resp: 483263

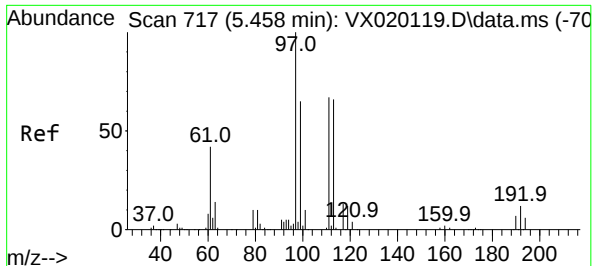
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

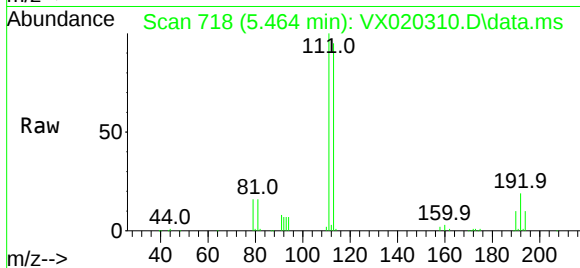
88 16.9 0.0 32.8



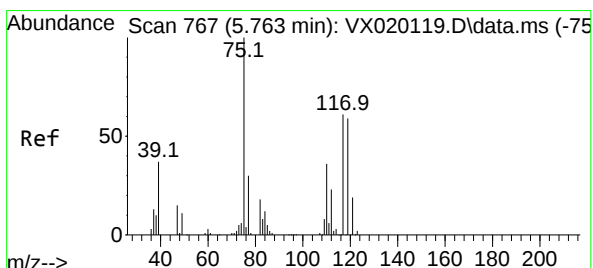
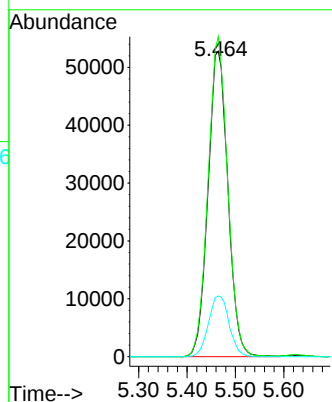
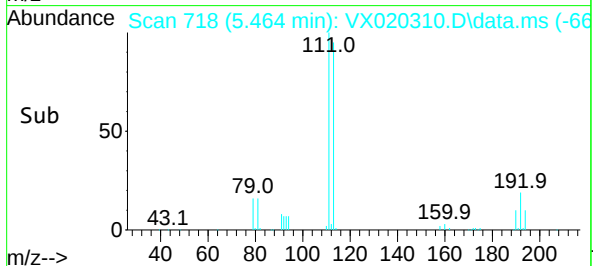


#35
Dibromofluoromethane
Concen: 48.96 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

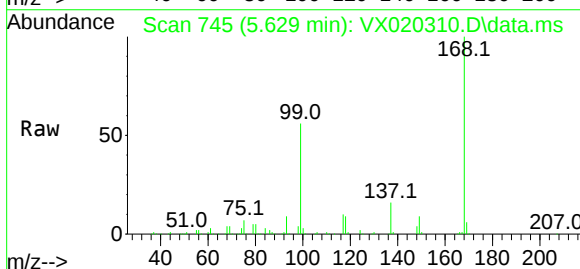
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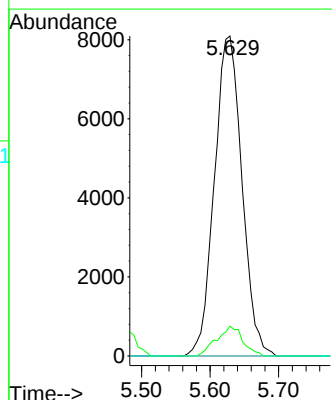
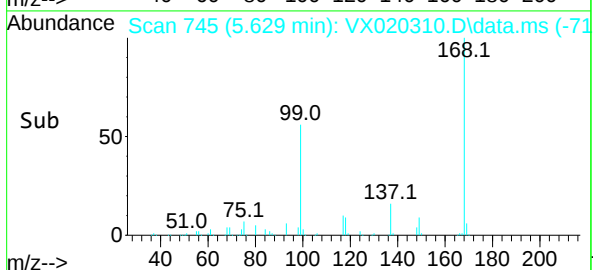
Tgt Ion:113 Resp: 151344
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.5 16.7 25.1

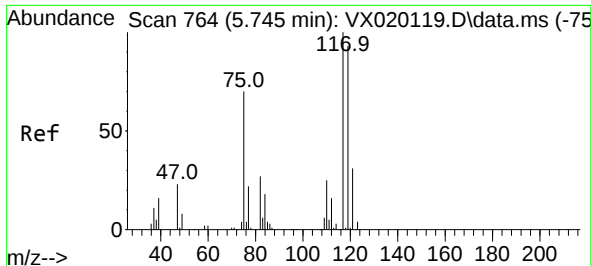


#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50



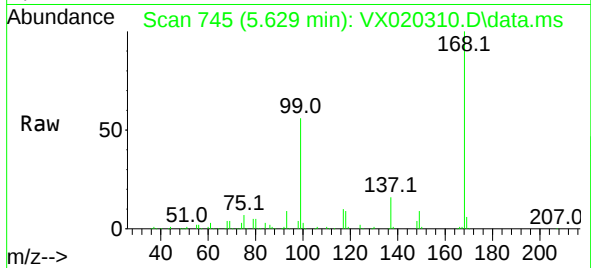
Tgt Ion: 75 Resp: 22587
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



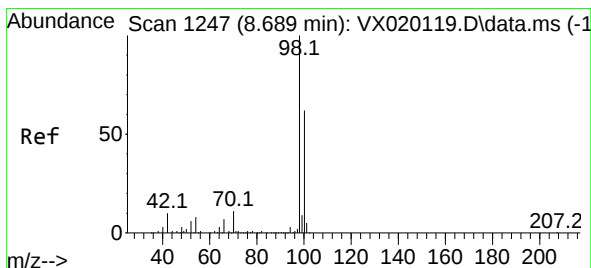
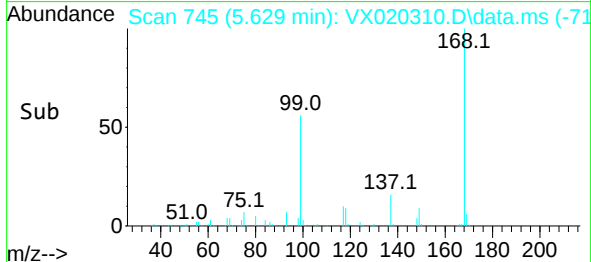
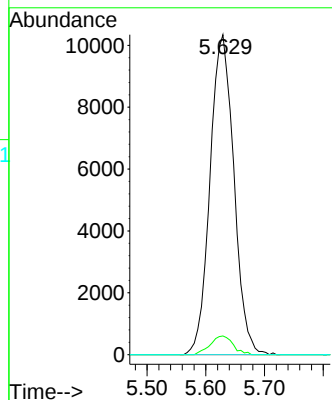


#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Instrument :
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ClientSampleId :
49-MW007(SBR)-121320

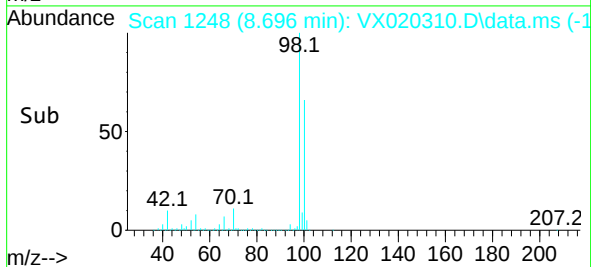
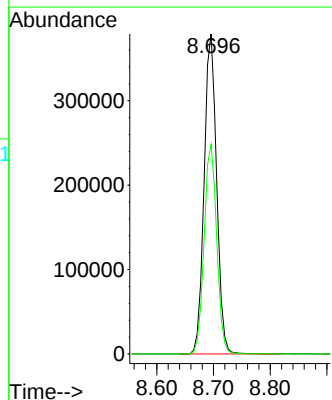
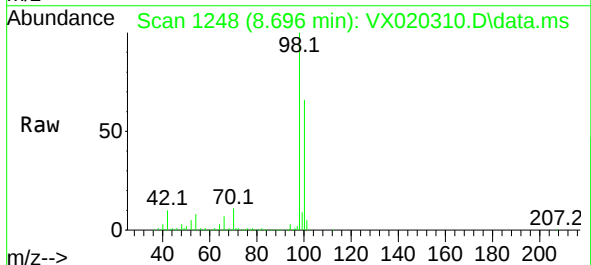


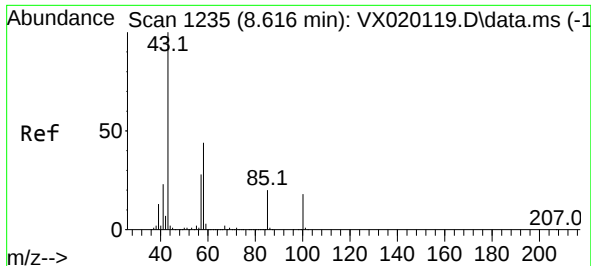
Tgt Ion:117 Resp: 29184
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.70 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Tgt Ion: 98 Resp: 579484
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

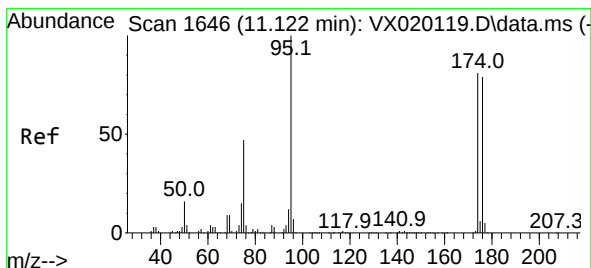
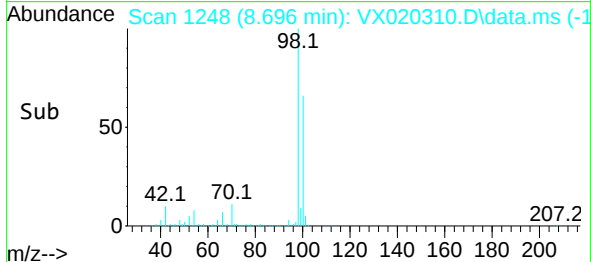
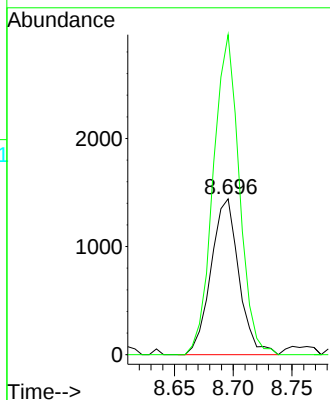
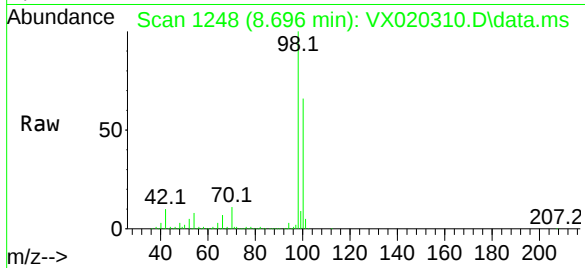




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

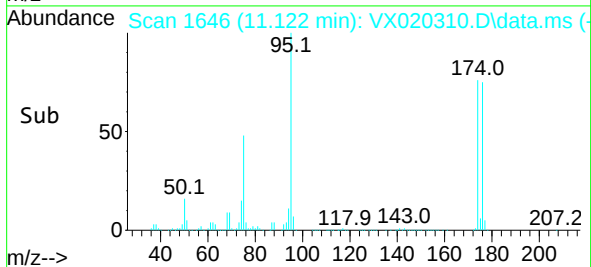
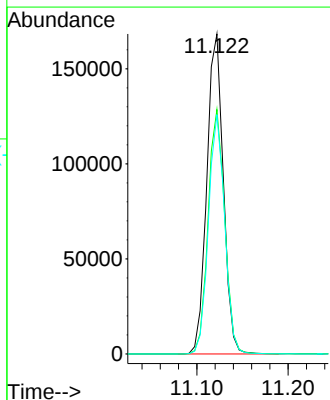
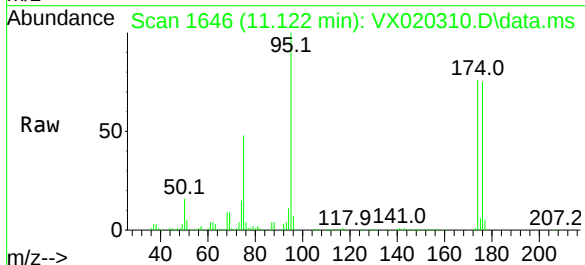
Instrument :
MSVOA_X
ClientSampleId :
49-MW007(SBR)-121320

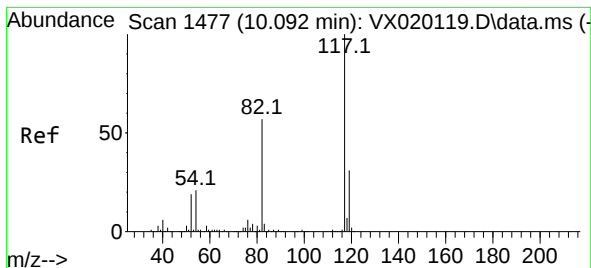
Tgt Ion: 43 Resp: 2384
Ion Ratio Lower Upper
43 100
58 192.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Tgt Ion: 95 Resp: 210489
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 73.5 0.0 155.8

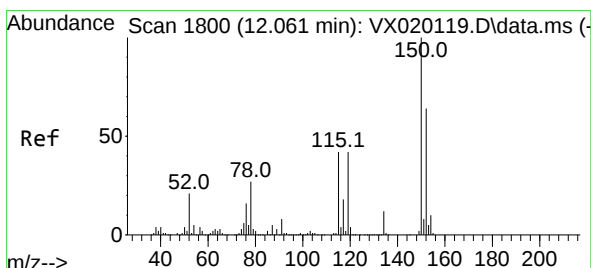
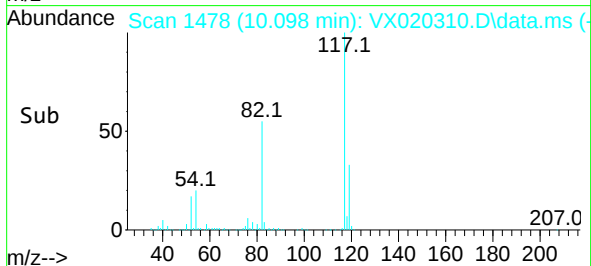
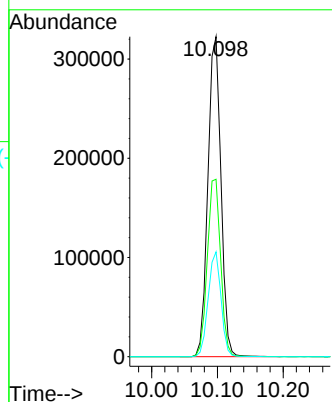
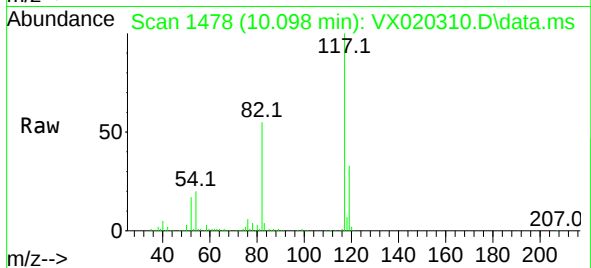




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

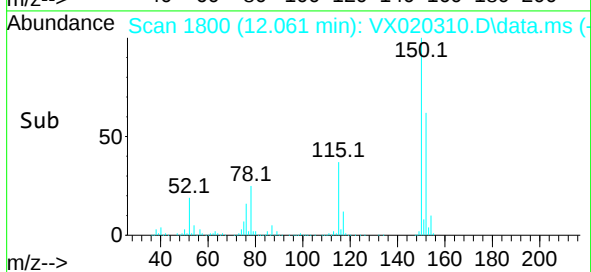
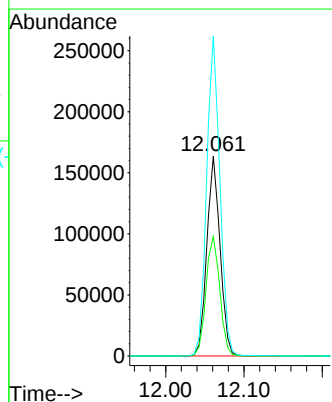
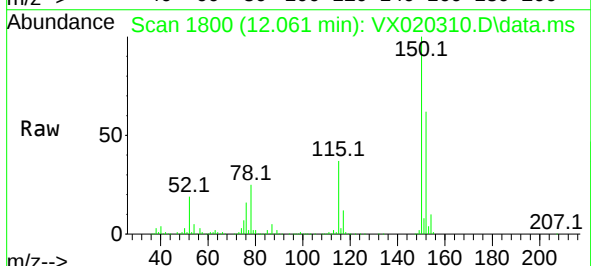
Instrument :
MSVOA_X
ClientSampleId :
49-MW007(SBR)-121320

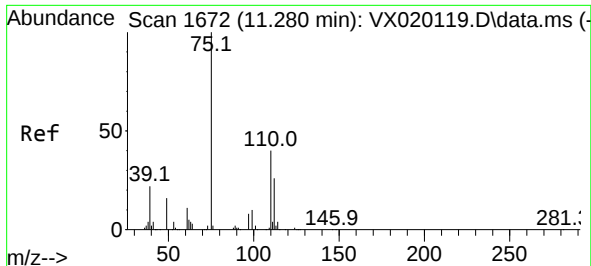
Tgt Ion:117 Resp: 444728
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Tgt Ion:152 Resp: 191306
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 160.4 0.0 349.0

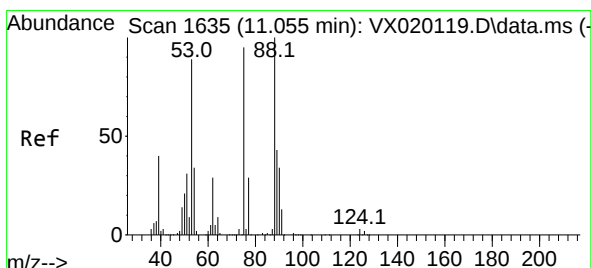
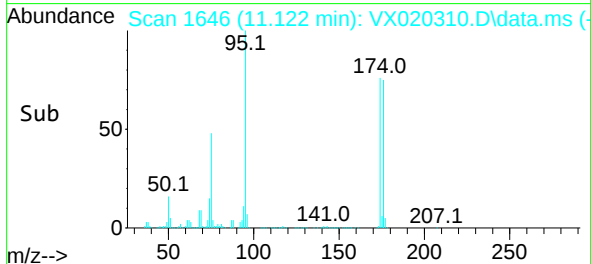
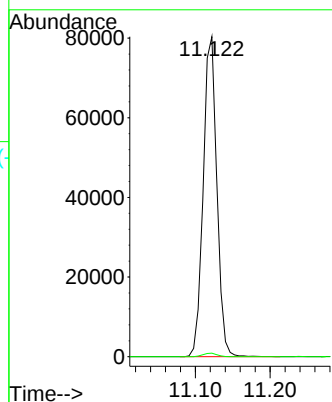
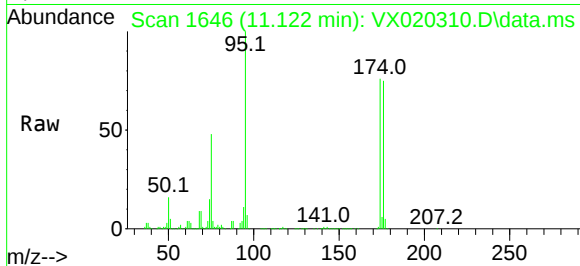




#76
1,2,3-Trichloropropane
Concen: 21.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
49-MW007(SBR)-121320

Tgt Ion: 75 Resp: 101689
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020310.D
Acq: 22 Dec 2020 17:50

Tgt Ion: 75 Resp: 101689
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

