

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020179.D
 Acq On : 19 Dec 2020 18:20
 Operator : JC/MD
 Sample : L5096-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW021-121220

Quant Time: Dec 21 02:35:15 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)

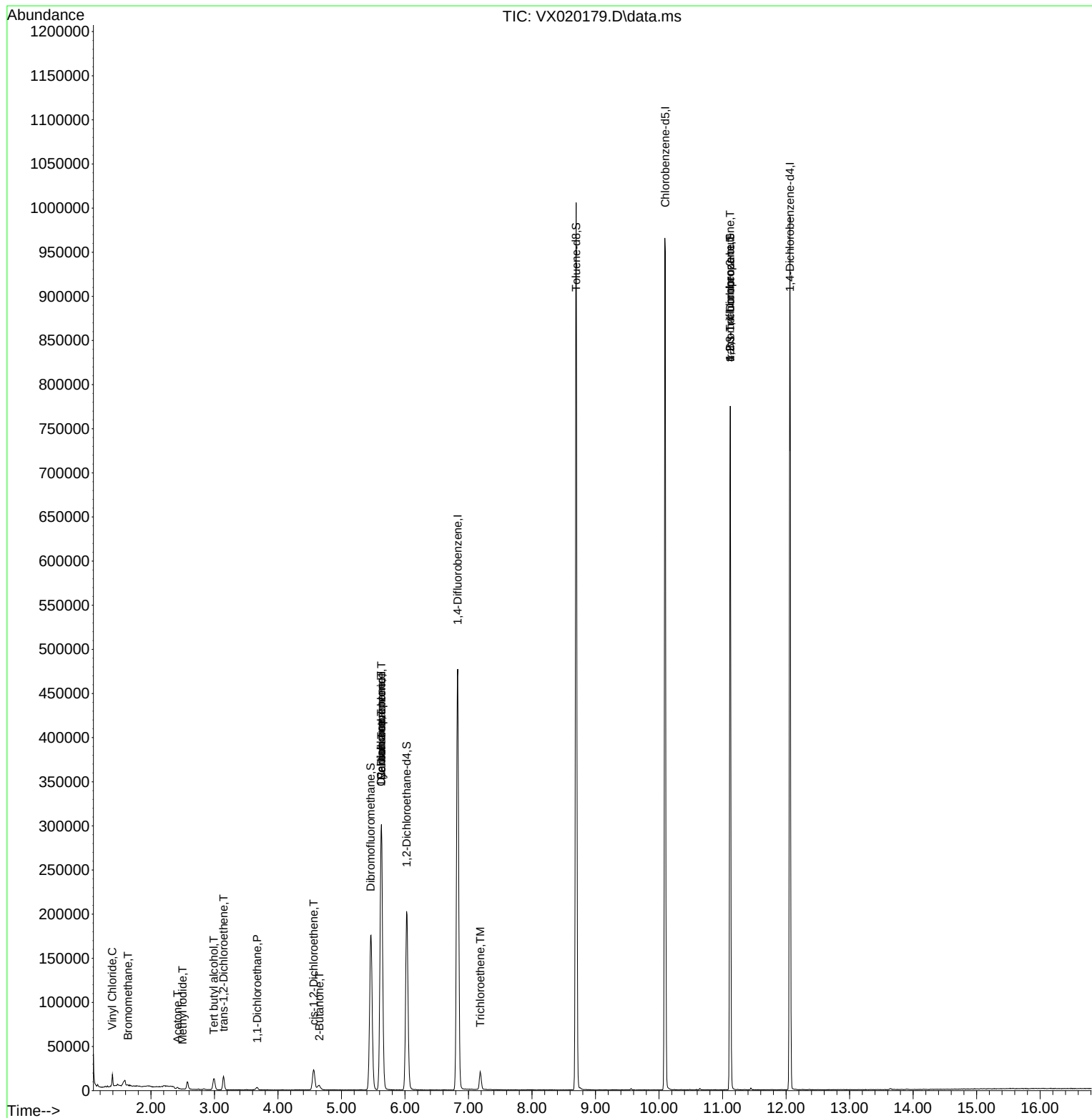
Internal Standards						
1) Pentafluorobenzene	5.629	168	289780	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	490113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	456353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	197704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	193674	49.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.72%
35) Dibromofluoromethane	5.458	113	156268	49.84	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.68%
50) Toluene-d8	8.696	98	595694	49.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.72%
62) 4-Bromofluorobenzene	11.122	95	211693	45.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.66%
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	7049	1.77	ug/l	89
5) Bromomethane	1.636	94	566	0.44	ug/l #	75
10) Methyl Iodide	2.495	142	403	3.38	ug/l #	86
11) Tert butyl alcohol	2.989	59	8036	9.24	ug/l #	76
16) Acetone	2.416	43	2058	1.16	ug/l	90
21) trans-1,2-Dichloroethene	3.142	96	6212	1.73	ug/l	98
24) 1,1-Dichloroethane	3.672	63	3204	0.51	ug/l	97
25) 2-Butanone	4.654	43	534	0.21	ug/l #	45
27) cis-1,2-Dichloroethene	4.562	96	15487	3.82	ug/l	88
31) Cyclohexane	5.623	56	5717	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22285	4.60	ug/l #	49
38) Carbon Tetrachloride	5.629	117	28540	6.19	ug/l #	16
44) Trichloroethene	7.184	130	7776	2.00	ug/l	96
76) 1,2,3-Trichloropropane	11.122	75	101958	20.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	101958	62.11	ug/l #	12

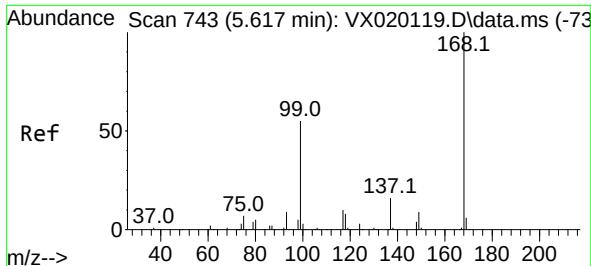
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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49-MW021-121220

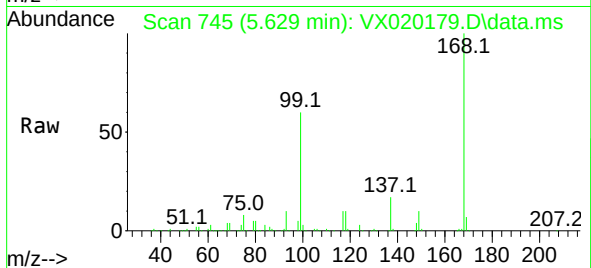
Quant Time: Dec 21 02:35:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



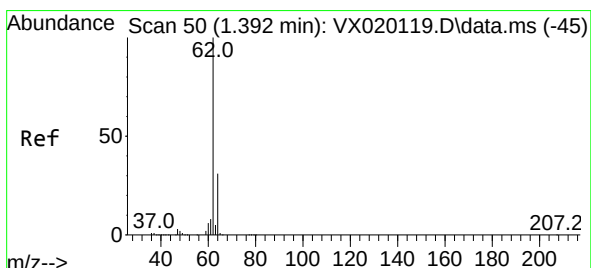
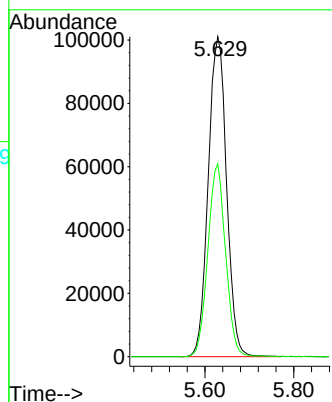
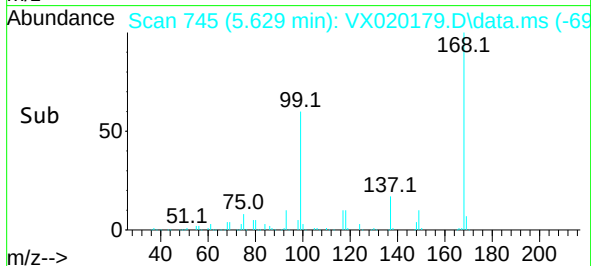


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

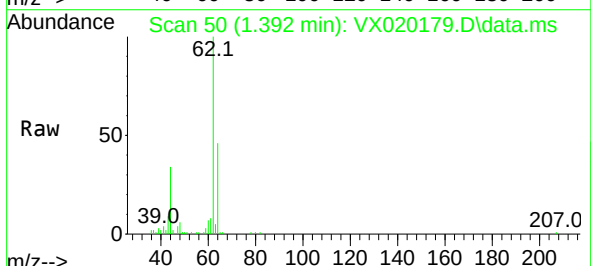
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MSVOA_X
ClientSampleId :
49-MW021-121220



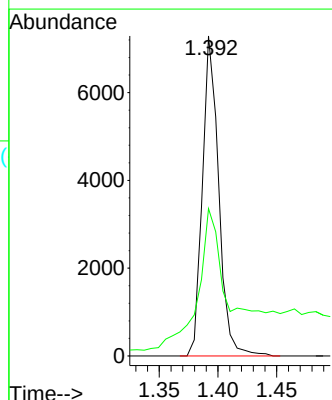
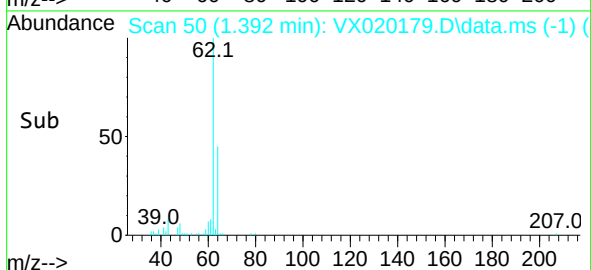
Tgt Ion:168 Resp: 289780
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6

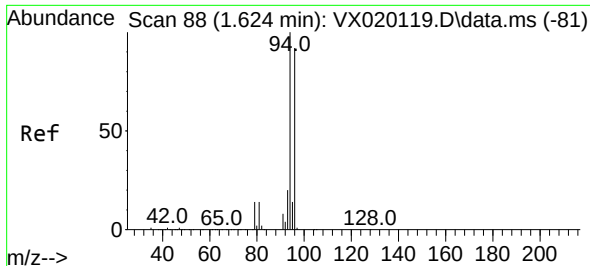


#4
Vinyl Chloride
Concen: 1.77 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20



Tgt Ion: 62 Resp: 7049
Ion Ratio Lower Upper
62 100
64 38.5 25.7 38.5

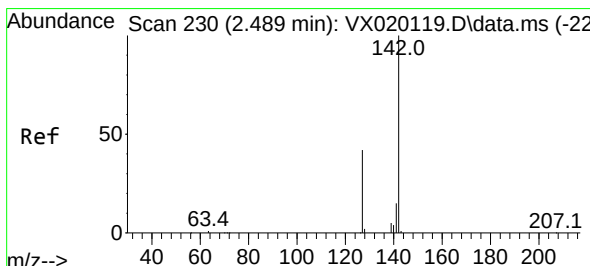
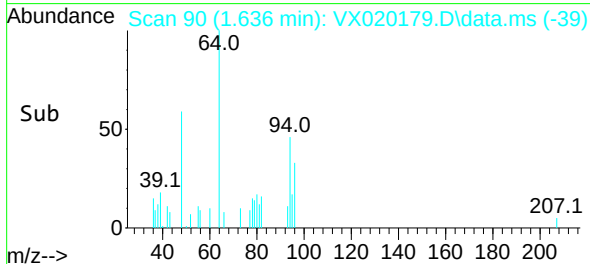
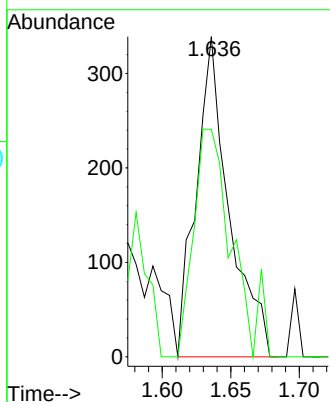
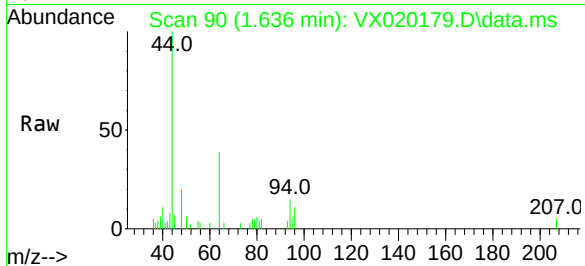




#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

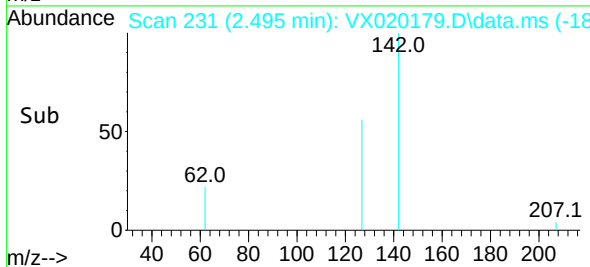
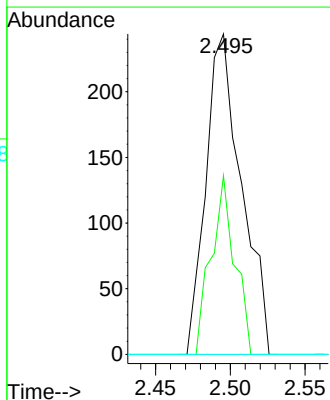
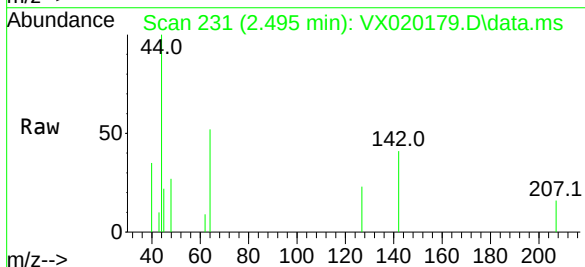
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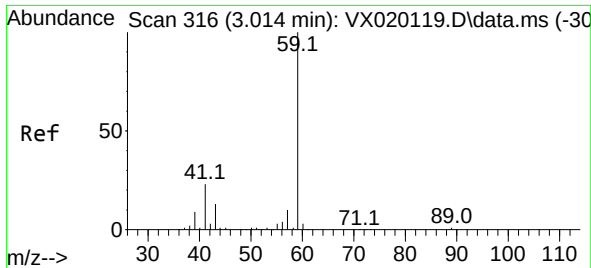
Tgt Ion: 94 Resp: 566
Ion Ratio Lower Upper
94 100
96 71.1 76.4 114.6#



#10
Methyl Iodide
Concen: 3.38 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

Tgt Ion: 142 Resp: 403
Ion Ratio Lower Upper
142 100
127 37.2 33.3 49.9
141 0.0 11.4 17.0#

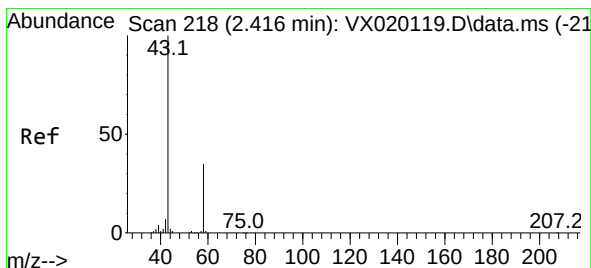
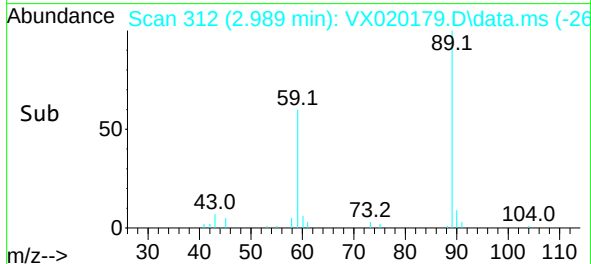
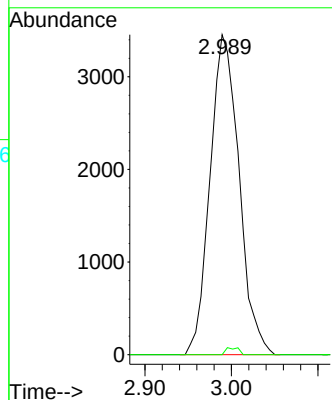
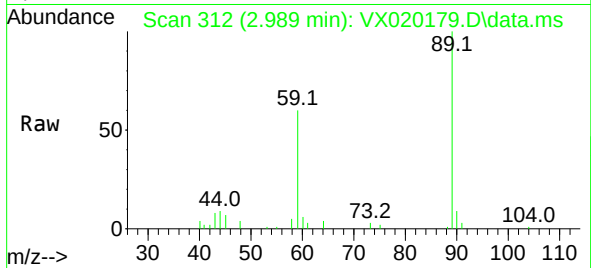




#11
Tert butyl alcohol
Concen: 9.24 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

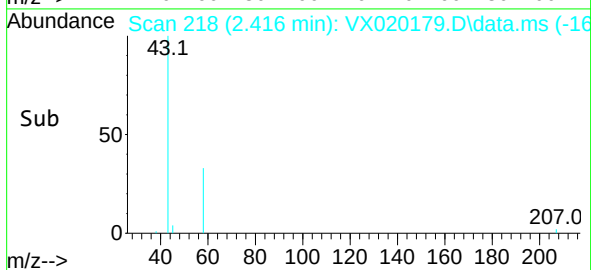
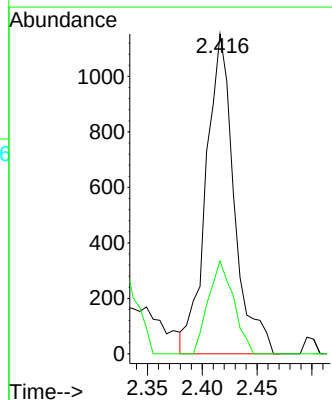
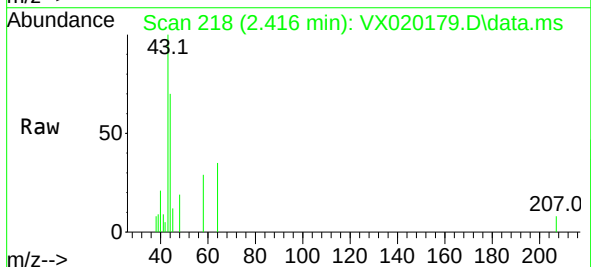
Instrument :
MSVOA_X
ClientSampleId :
49-MW021-121220

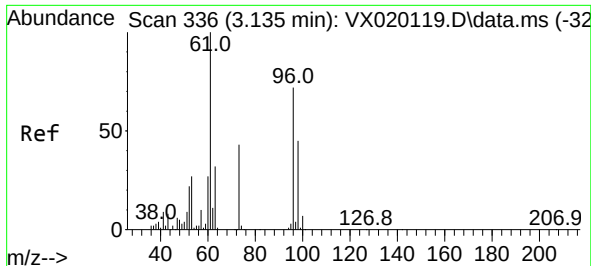
Tgt Ion: 59 Resp: 8036
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#



#16
Acetone
Concen: 1.16 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8

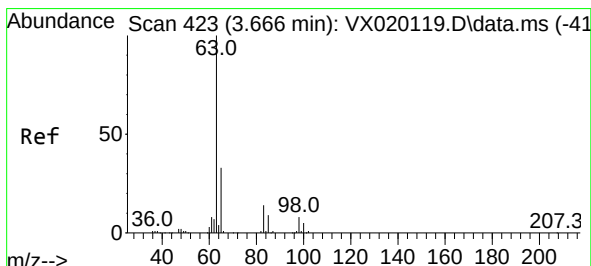
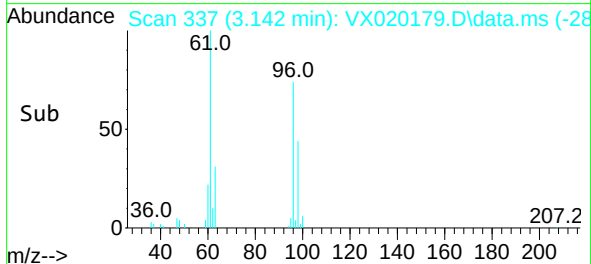
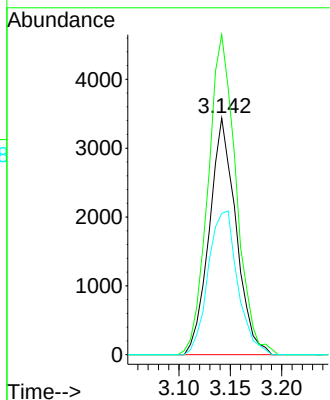
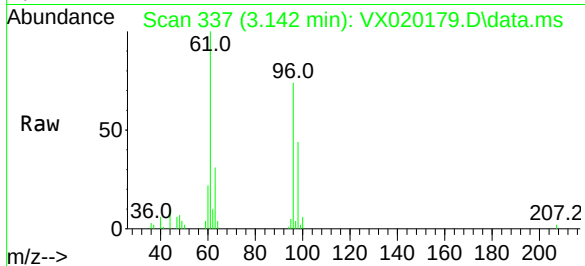




#21
trans-1,2-Dichloroethene
Concen: 1.73 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

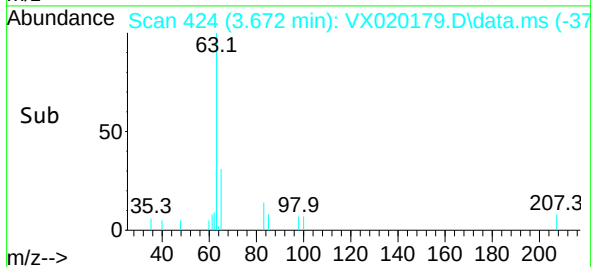
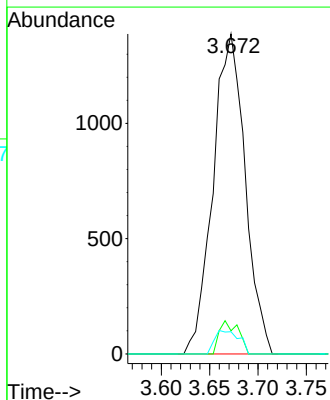
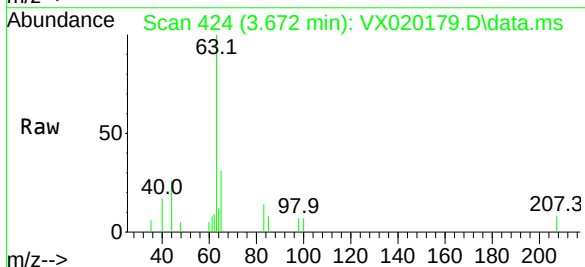
Instrument :
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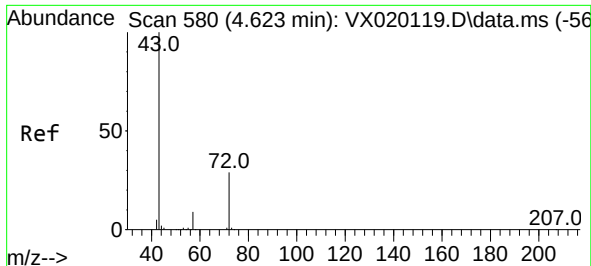
Tgt Ion: 96 Resp: 6212
Ion Ratio Lower Upper
96 100
61 135.3 107.7 161.5
98 59.7 50.4 75.6



#24
1,1-Dichloroethane
Concen: 0.51 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

Tgt Ion: 63 Resp: 3204
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.2
100 6.9 2.5 7.5

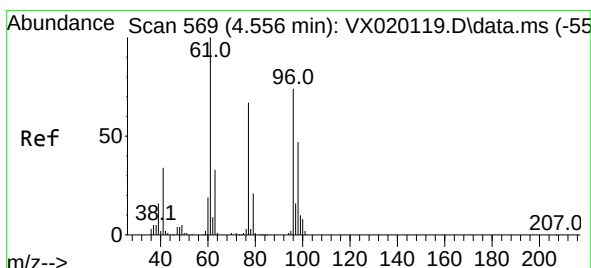
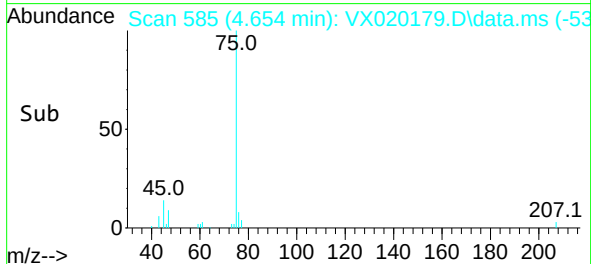
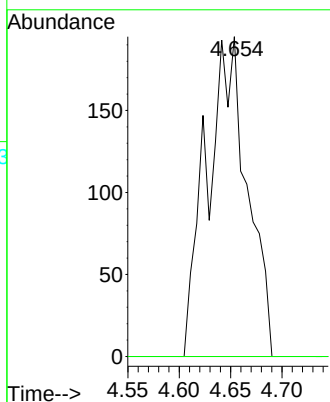
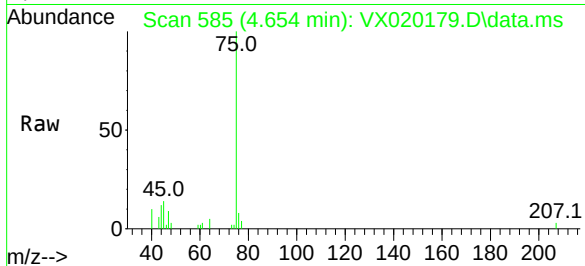




#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.031 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

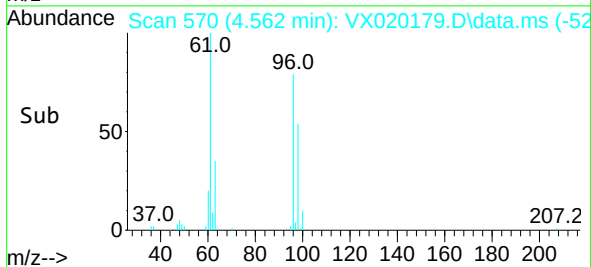
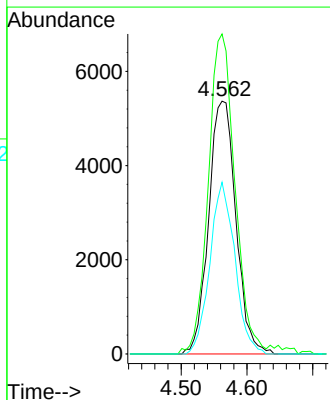
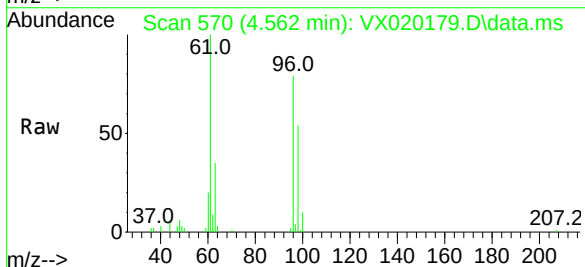
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ClientSampleId :
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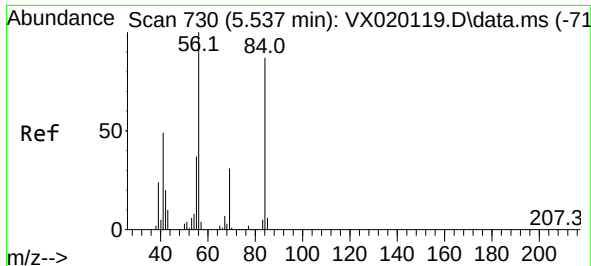
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 3.82 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

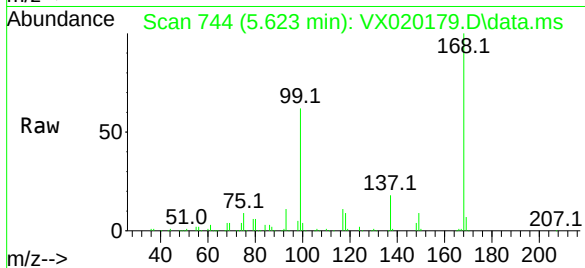
Tgt Ion: 96 Resp: 15487
Ion Ratio Lower Upper
96 100
61 123.6 0.0 285.6
98 62.2 0.0 129.6



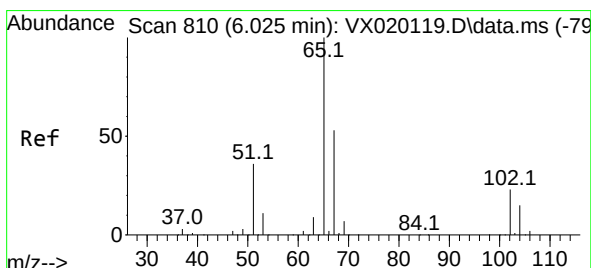
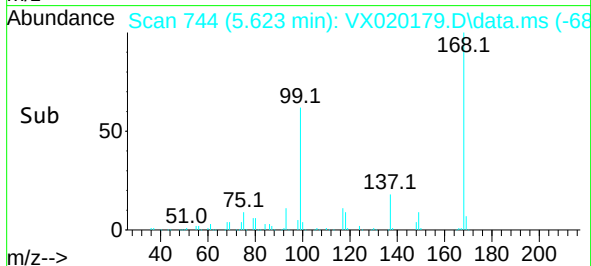
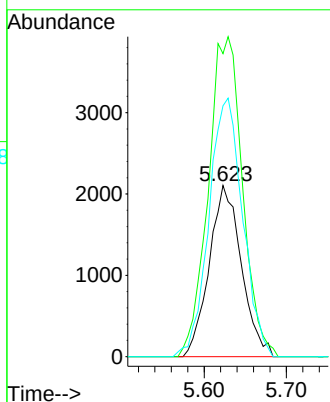


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

Instrument :
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ClientSampleId :
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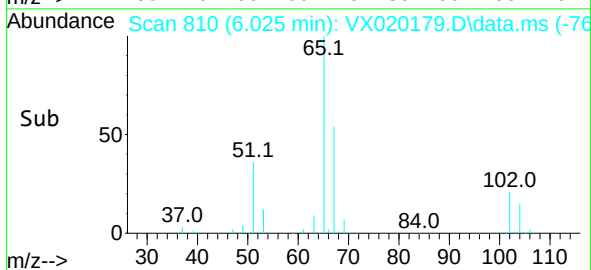
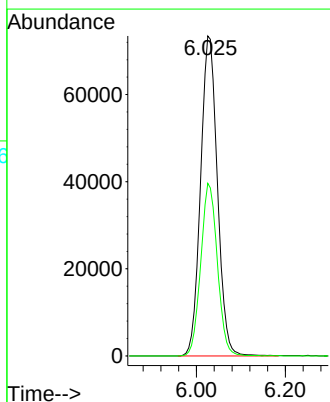
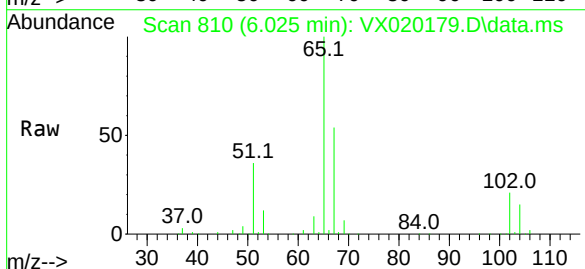


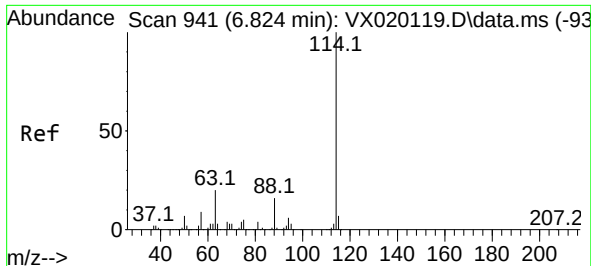
Tgt Ion: 56 Resp: 5717
Ion Ratio Lower Upper
56 100
69 177.1 25.3 37.9#
84 146.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.86 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

Tgt Ion: 65 Resp: 193674
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

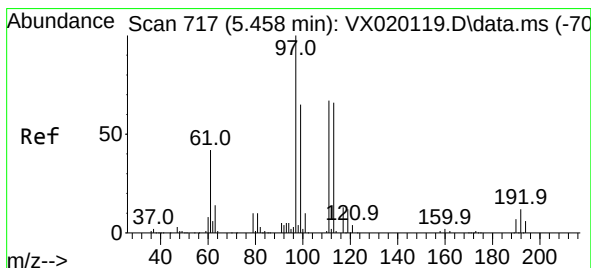
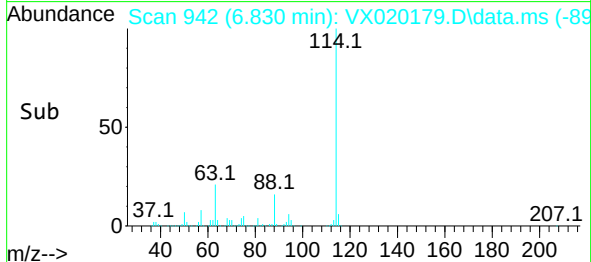
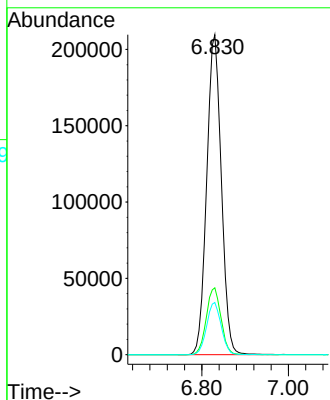
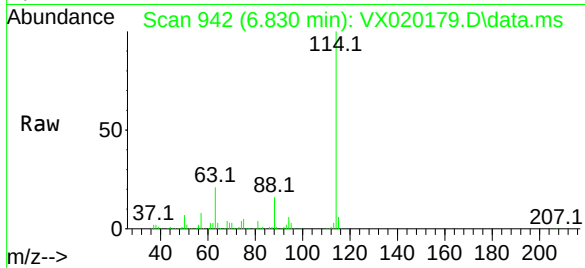




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

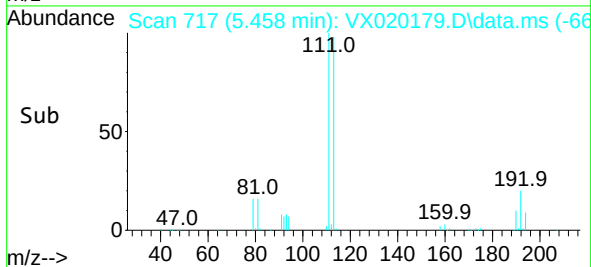
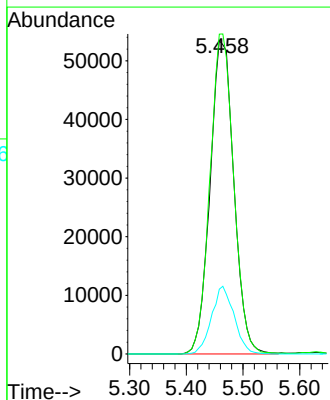
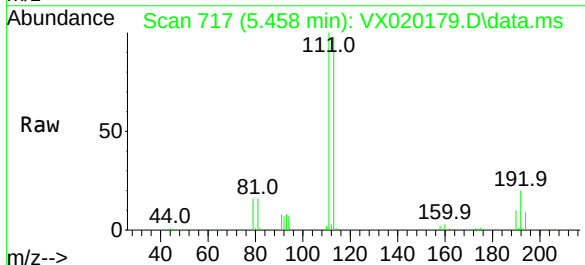
Instrument :
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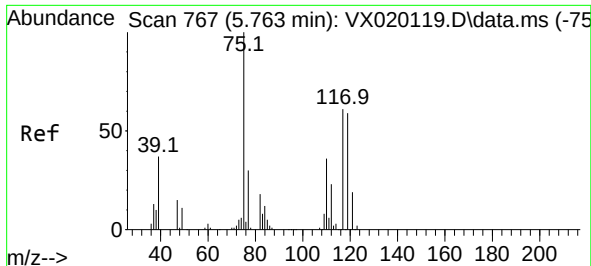
Tgt Ion:114 Resp: 490113
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.84 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

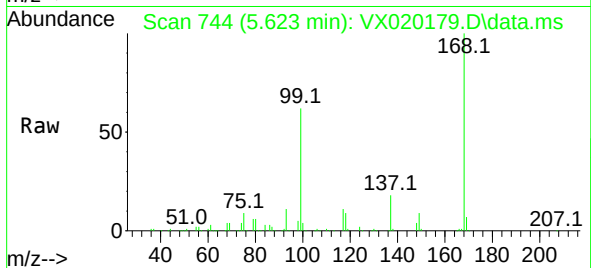
Tgt Ion:113 Resp: 156268
Ion Ratio Lower Upper
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111 101.4 81.9 122.9
192 20.4 16.7 25.1



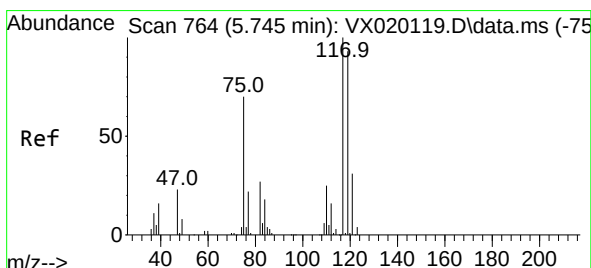
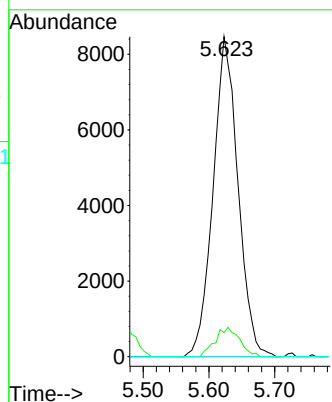
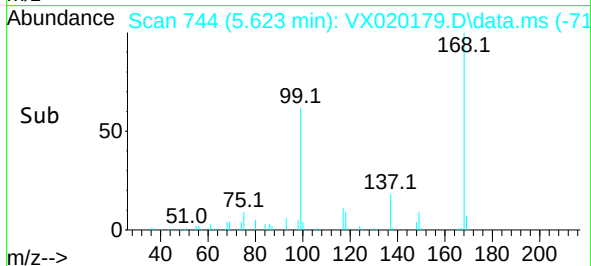


#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

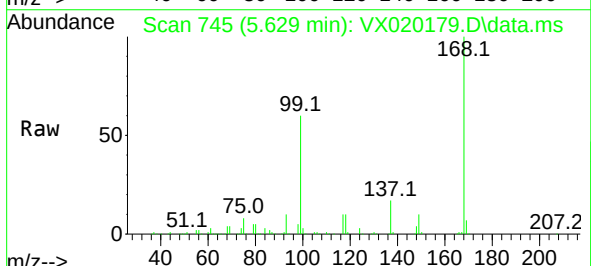
Instrument :
MSVOA_X
ClientSampleId :
49-MW021-121220



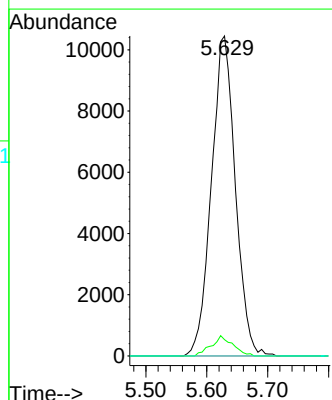
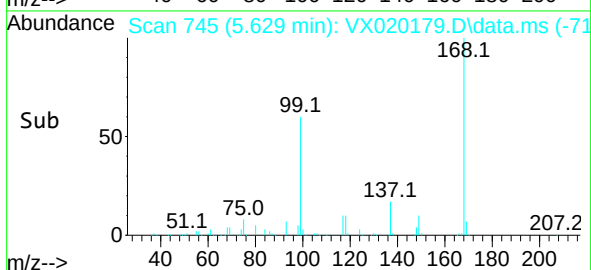
Tgt Ion: 75 Resp: 22285
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#

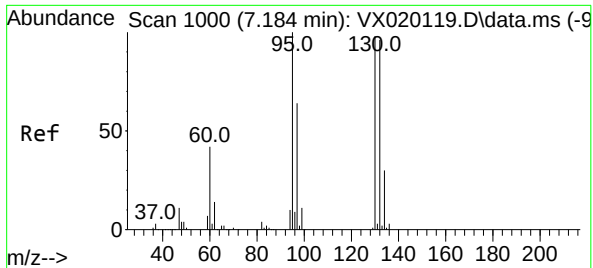


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20



Tgt Ion: 117 Resp: 28540
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

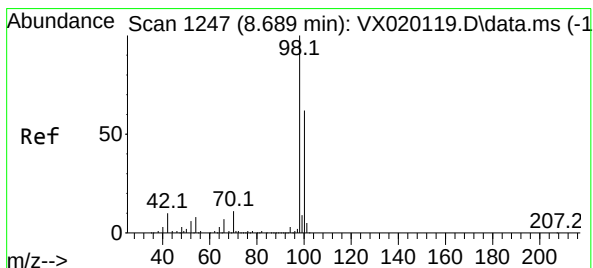
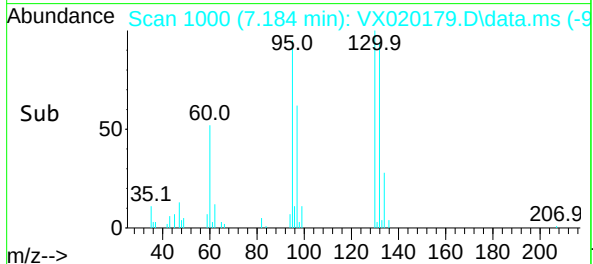
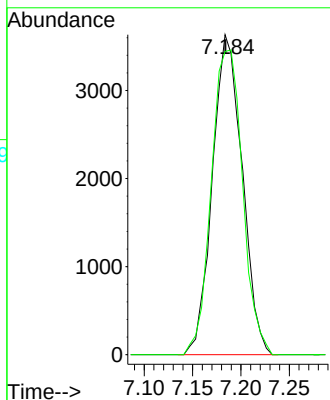
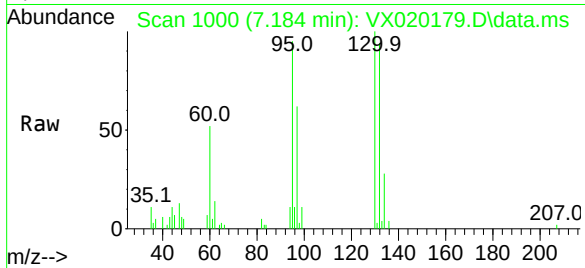




#44
Trichloroethene
Concen: 2.00 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

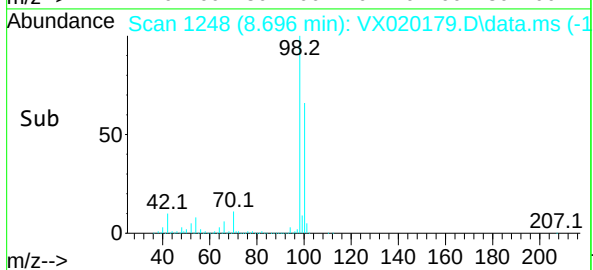
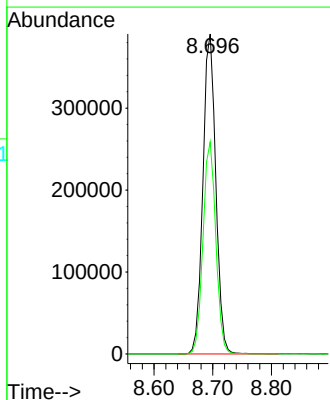
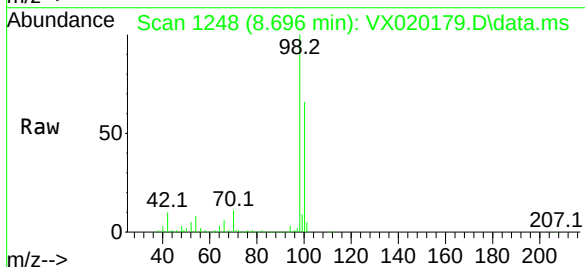
Instrument :
MSVOA_X
ClientSampleId :
49-MW021-121220

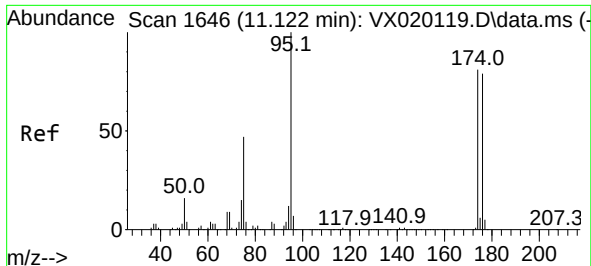
Tgt Ion:130 Resp: 7776
Ion Ratio Lower Upper
130 100
95 94.8 0.0 198.0



#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

Tgt Ion: 98 Resp: 595694
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

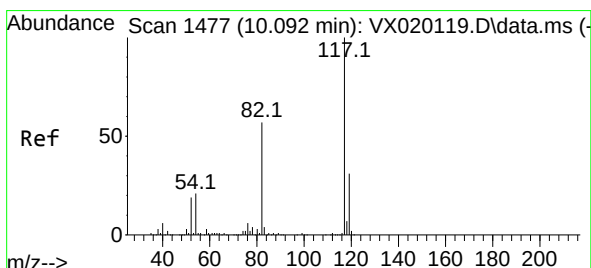
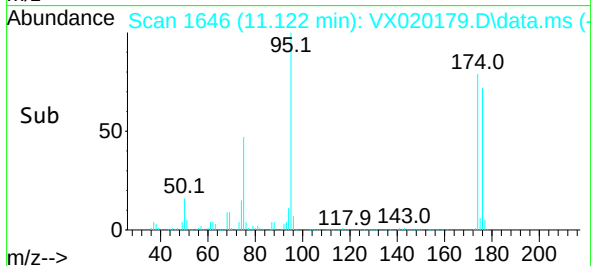
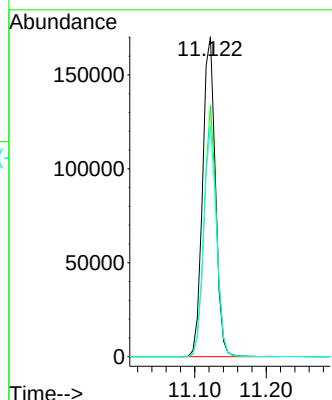
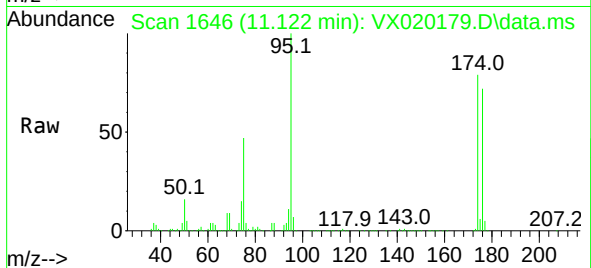




#62
4-Bromofluorobenzene
Concen: 45.83 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

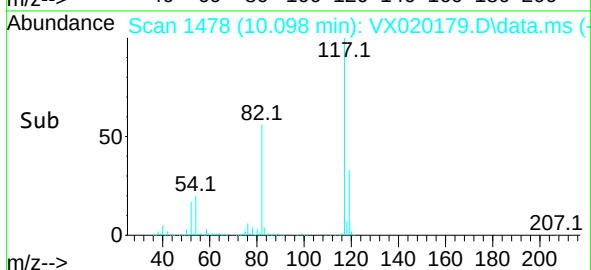
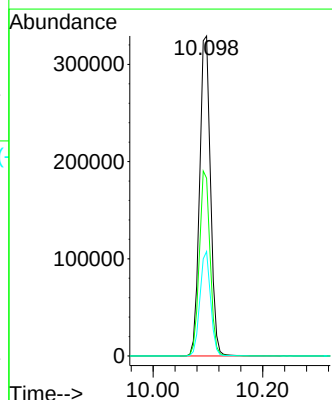
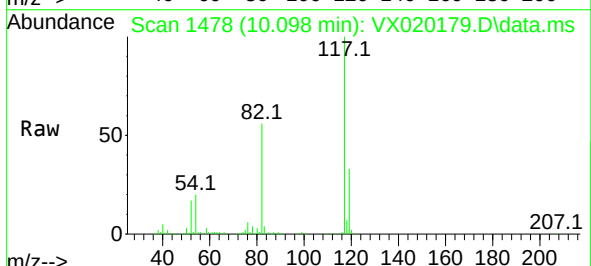
Instrument :
MSVOA_X
ClientSampleId :
49-MW021-121220

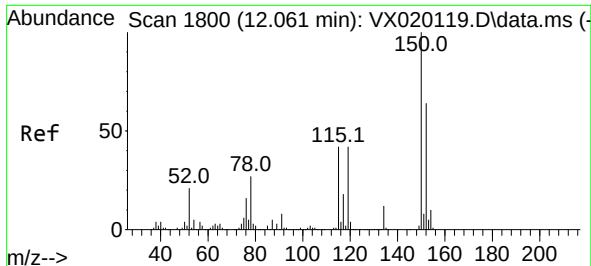
Tgt Ion: 95 Resp: 211693
Ion Ratio Lower Upper
95 100
174 75.6 0.0 154.6
176 72.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

Tgt Ion: 117 Resp: 456353
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.7 26.6 39.8

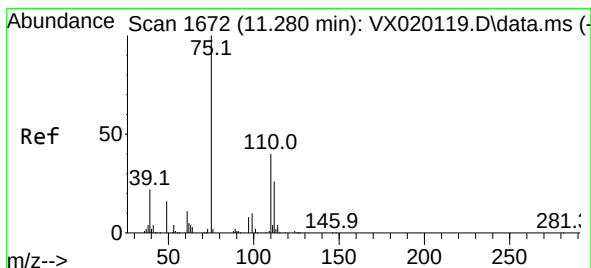
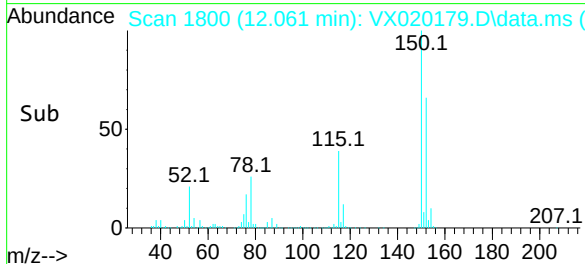
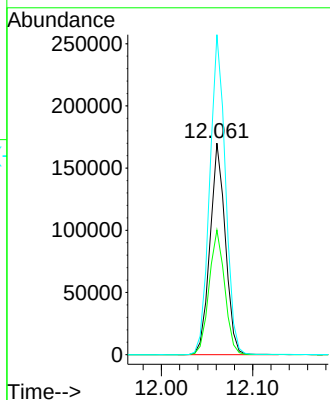
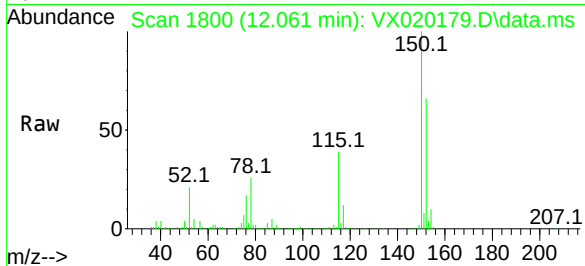




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

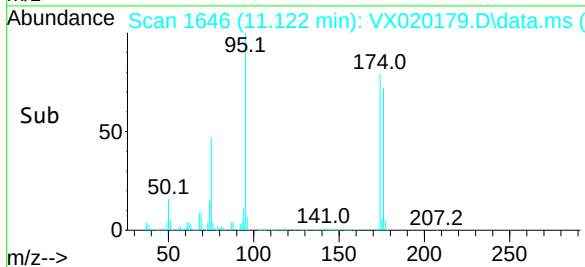
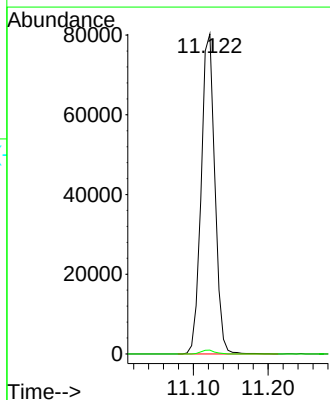
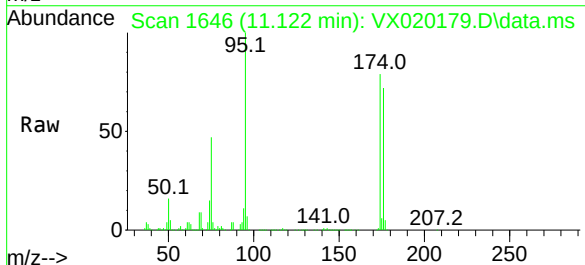
Instrument :
MSVOA_X
ClientSampleId :
49-MW021-121220

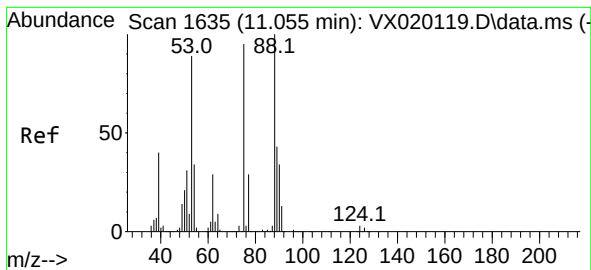
Tgt Ion:	152	Resp:	197704
Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.1	123.3
150	154.7	0.0	349.0



#76
1,2,3-Trichloropropane
Concen: 20.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020179.D
Acq: 19 Dec 2020 18:20

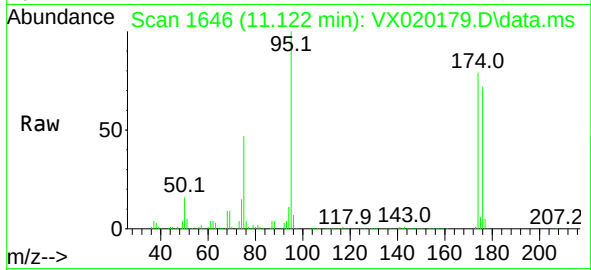
Tgt Ion:	75	Resp:	101958
Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.11 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020179.D
 Acq: 19 Dec 2020 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW021-121220



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

