

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020200.D
 Acq On : 20 Dec 2020 03:14
 Operator : JC/MD
 Sample : L5094-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5567(D)-121320

Quant Time: Dec 21 02:42:51 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)

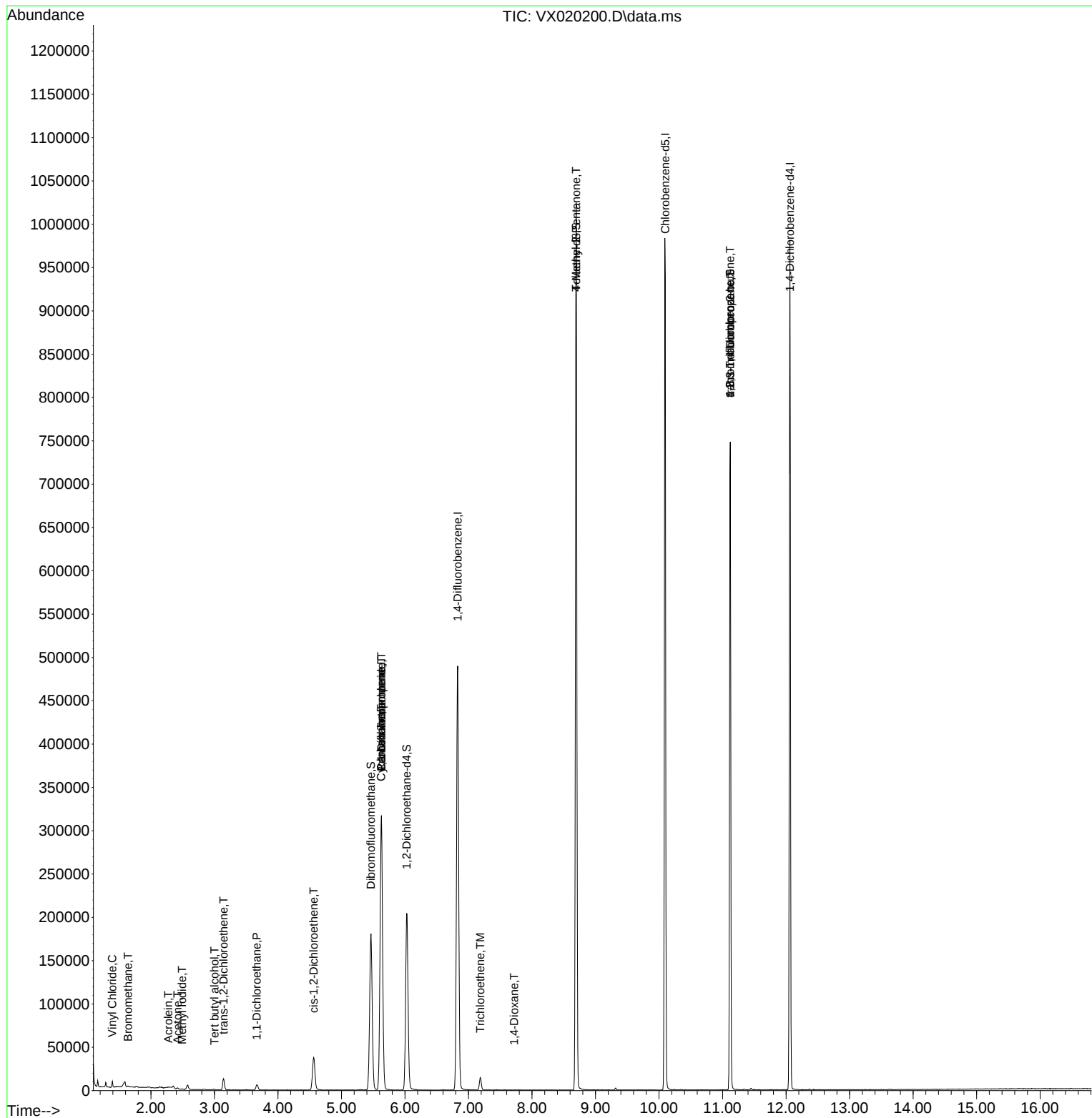
Internal Standards						
1) Pentafluorobenzene	5.629	168	300306	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	499843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	461857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	202093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	196102	48.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.44%		
35) Dibromofluoromethane	5.464	113	157509	49.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.52%		
50) Toluene-d8	8.695	98	606596	49.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.56%		
62) 4-Bromofluorobenzene	11.122	95	210944	44.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.56%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	1519	0.37	ug/l	98
5) Bromomethane	1.636	94	698	0.53	ug/l	91
10) Methyl Iodide	2.489	142	457	3.39	ug/l #	73
11) Tert butyl alcohol	3.001	59	563	0.62	ug/l #	73
13) Acrolein	2.270	56	113	0.20	ug/l #	1
16) Acetone	2.416	43	1541	0.84	ug/l	100
21) trans-1,2-Dichloroethene	3.142	96	5054	1.36	ug/l	100
24) 1,1-Dichloroethane	3.666	63	7205	1.10	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	25407	6.05	ug/l	88
31) Cyclohexane	5.623	56	6002	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23204	4.70	ug/l #	48
38) Carbon Tetrachloride	5.629	117	29350	6.25	ug/l #	16
44) Trichloroethene	7.184	130	5484	1.38	ug/l	100
49) 1,4-Dioxane	7.720	88	67	0.72	ug/l #	40
51) 4-Methyl-2-Pentanone	8.695	43	2392	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	103460	20.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	103460	61.66	ug/l #	12

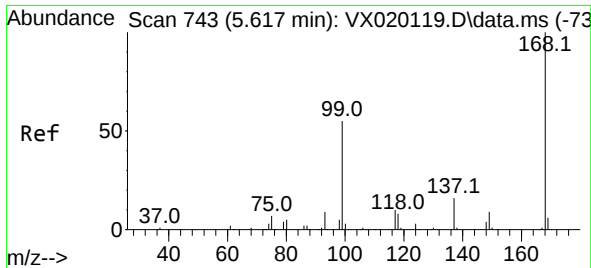
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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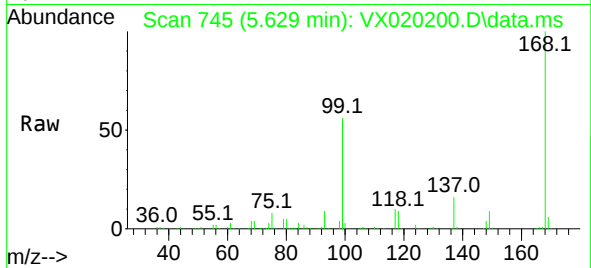
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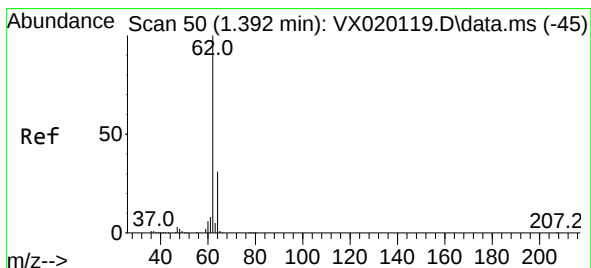
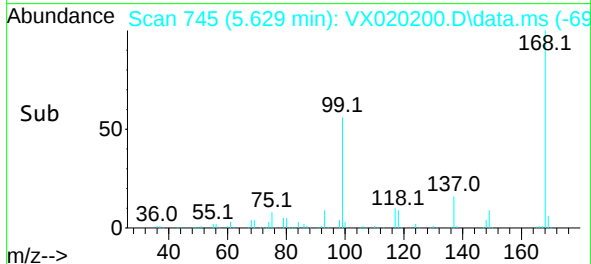
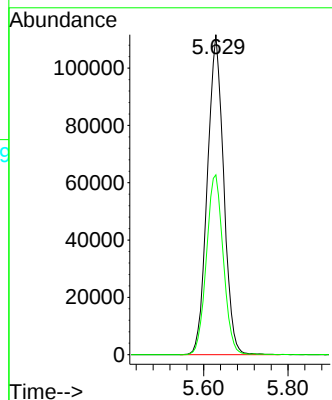


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Instrument :
MSVOA_X
ClientSampleId :
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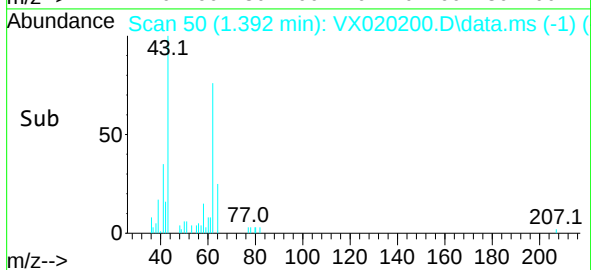
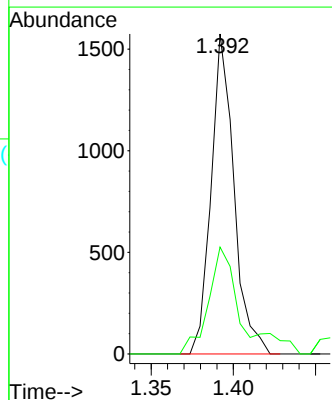
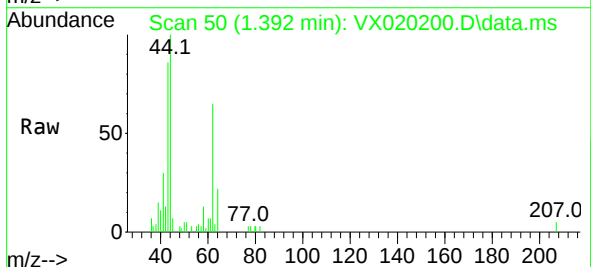


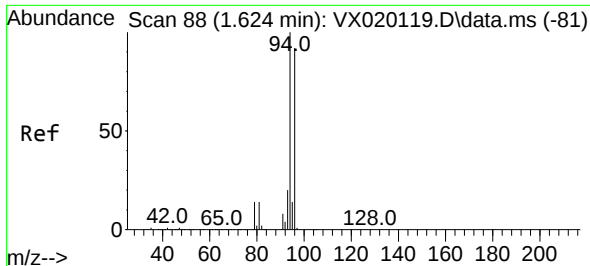
Tgt Ion:168 Resp: 300306
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#4
Vinyl Chloride
Concen: 0.37 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion: 62 Resp: 1519
Ion Ratio Lower Upper
62 100
64 33.4 25.7 38.5

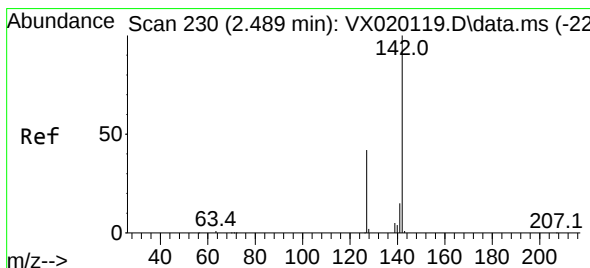
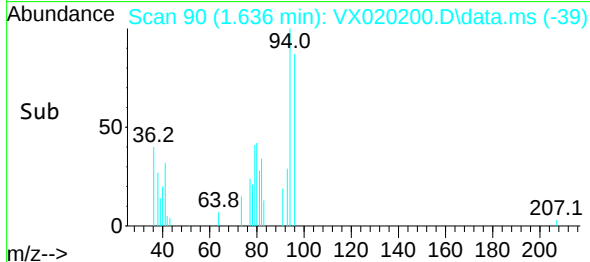
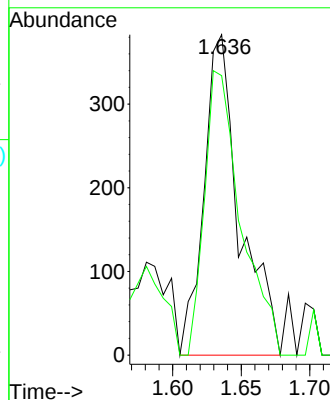
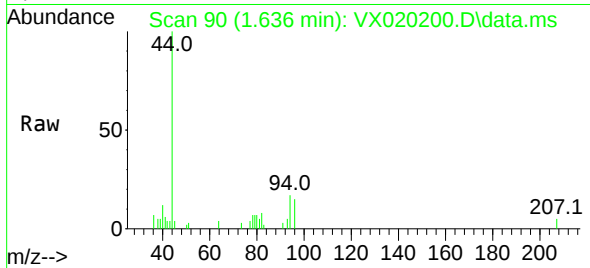




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

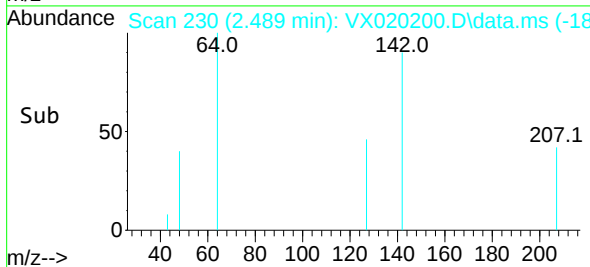
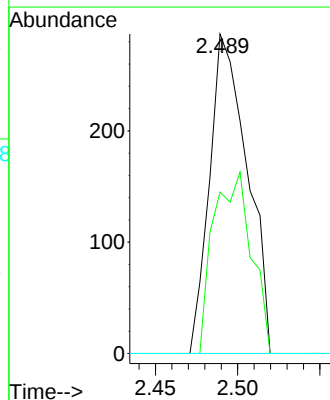
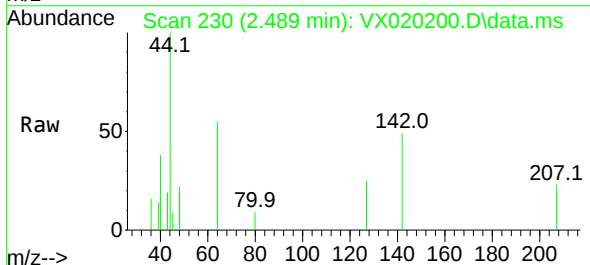
Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

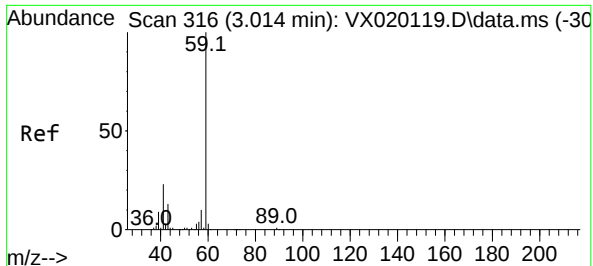
Tgt Ion: 94 Resp: 698
Ion Ratio Lower Upper
94 100
96 87.2 76.4 114.6



#10
Methyl Iodide
Concen: 3.39 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion: 142 Resp: 457
Ion Ratio Lower Upper
142 100
127 57.1 33.3 49.9#
141 0.0 11.4 17.0#



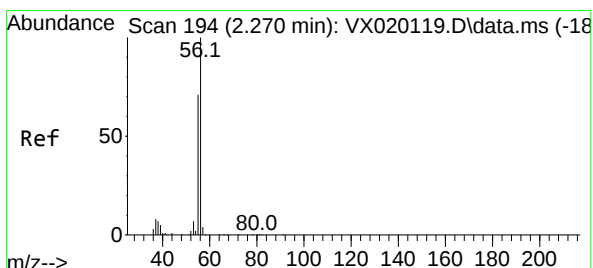
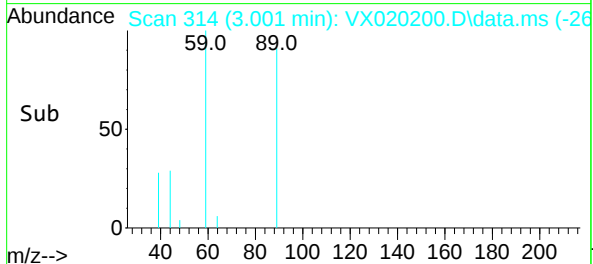
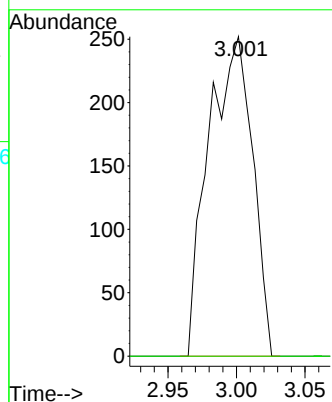
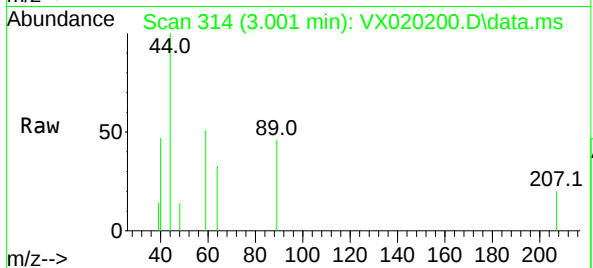


#11

Tert butyl alcohol
Concen: 0.62 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

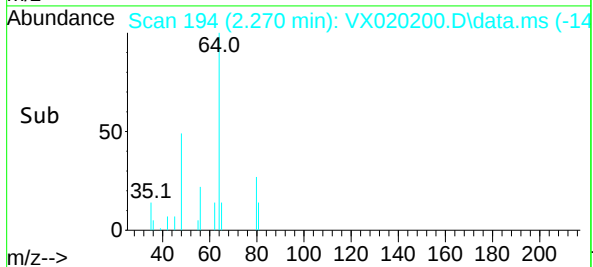
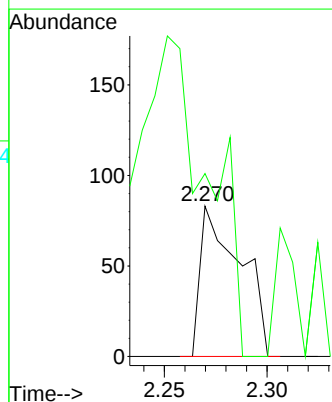
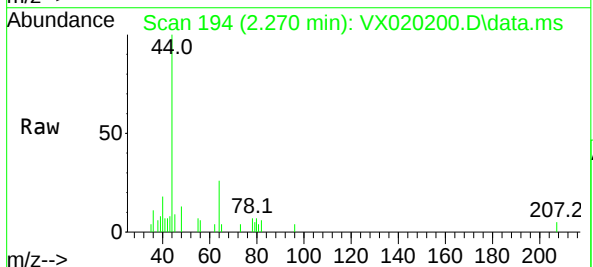
Tgt Ion: 59 Resp: 563
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

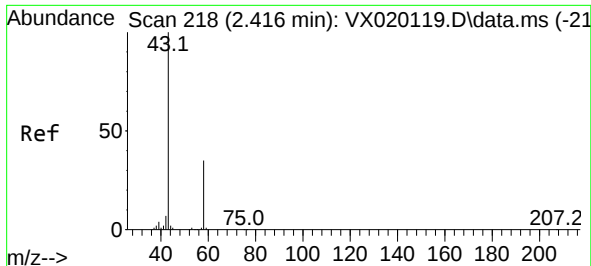


#13

Acrolein
Concen: 0.20 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 376.1 56.4 84.6#

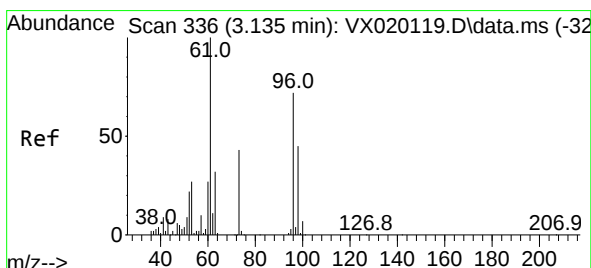
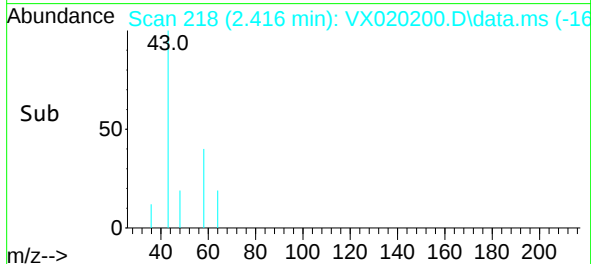
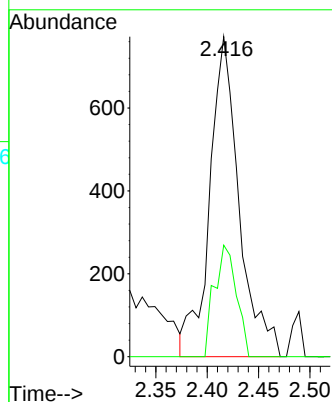
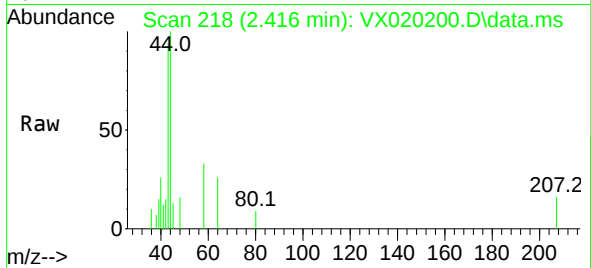




#16
Acetone
Concen: 0.84 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

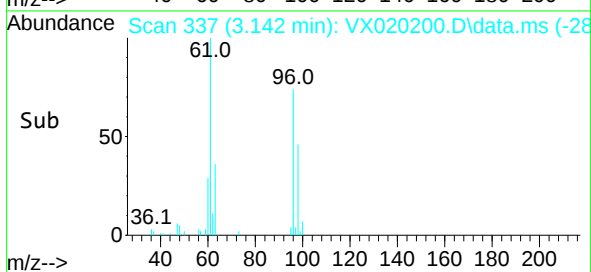
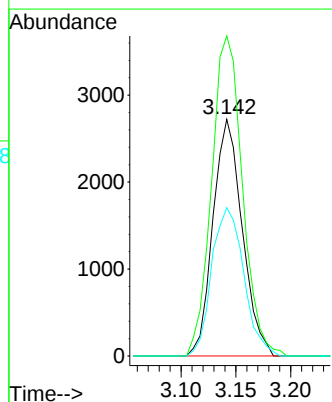
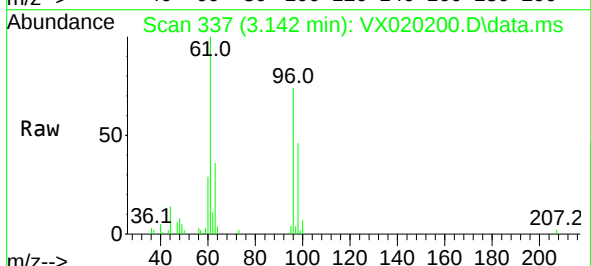
Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

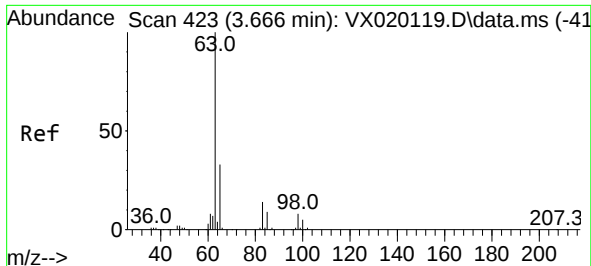
Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 1.36 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

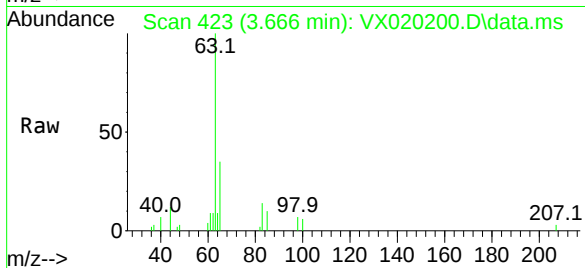
Tgt Ion: 96 Resp: 5054
Ion Ratio Lower Upper
96 100
61 135.2 107.7 161.5
98 62.7 50.4 75.6



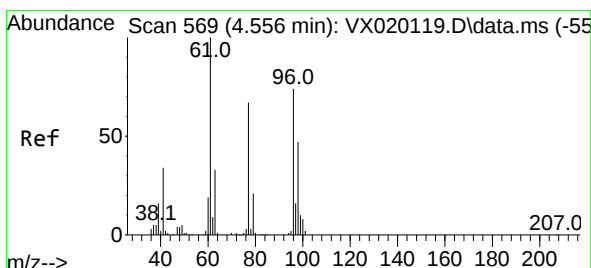
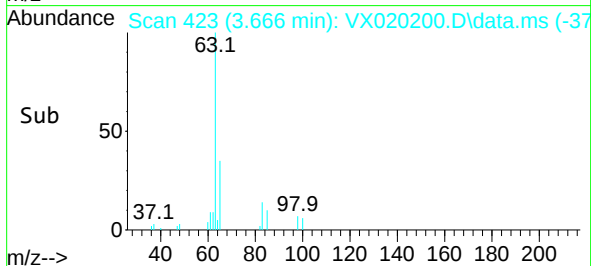
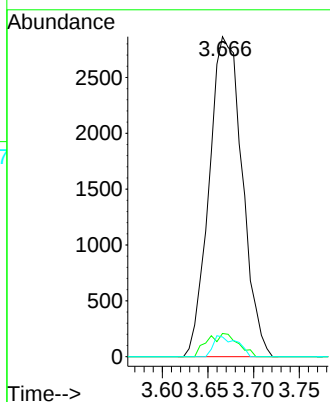


#24
1,1-Dichloroethane
Concen: 1.10 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

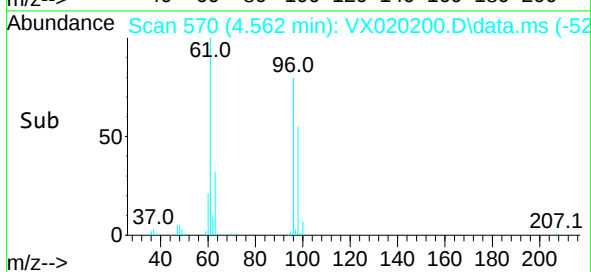
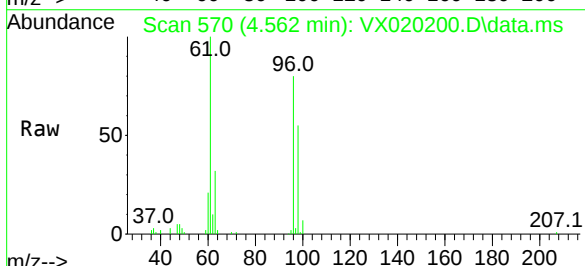
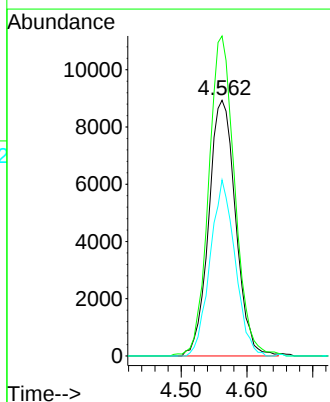


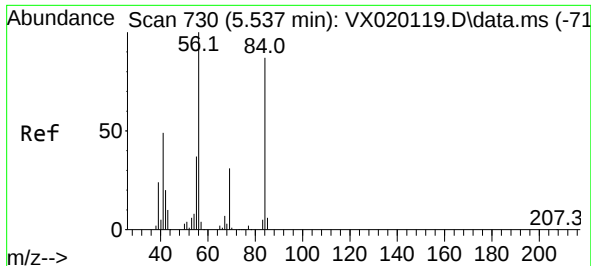
Tgt Ion: 63 Resp: 7205
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.2
100 6.1 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 6.05 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

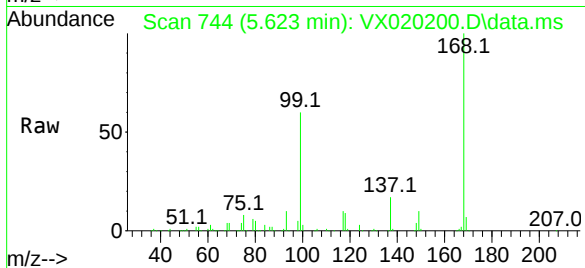
Tgt Ion: 96 Resp: 25407
Ion Ratio Lower Upper
96 100
61 121.6 0.0 285.6
98 64.0 0.0 129.6



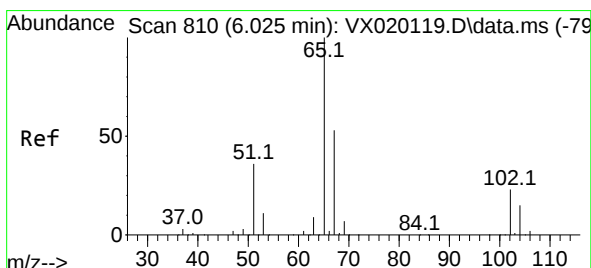
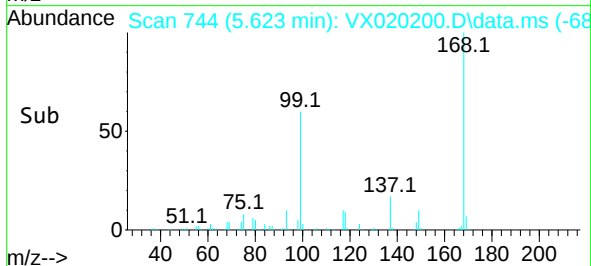
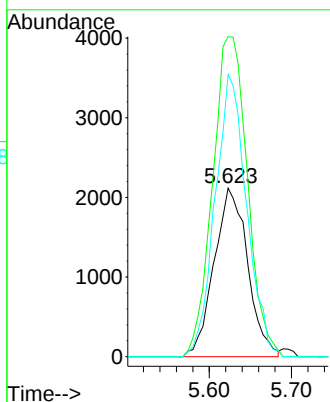


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

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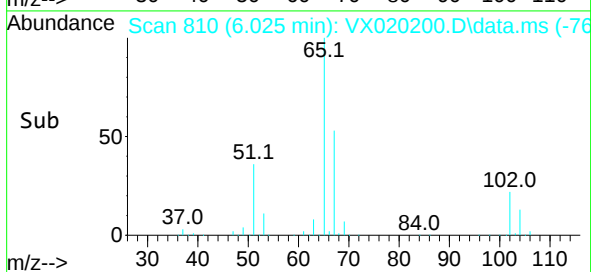
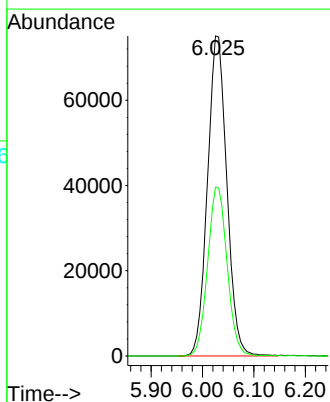
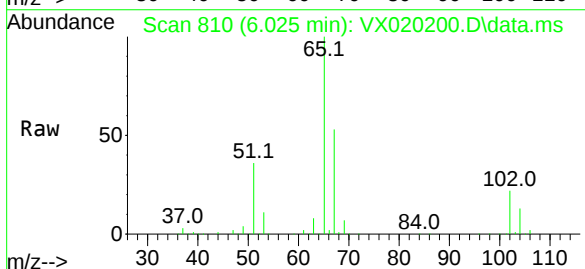


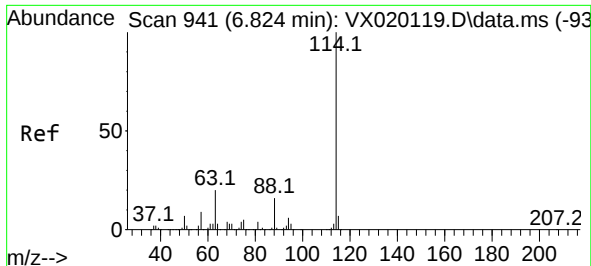
Tgt Ion: 56 Resp: 6002
Ion Ratio Lower Upper
56 100
69 189.9 25.3 37.9#
84 167.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.72 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

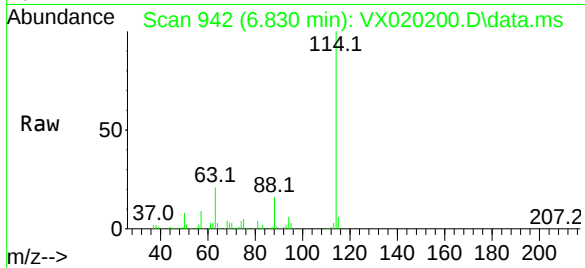
Tgt Ion: 65 Resp: 196102
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



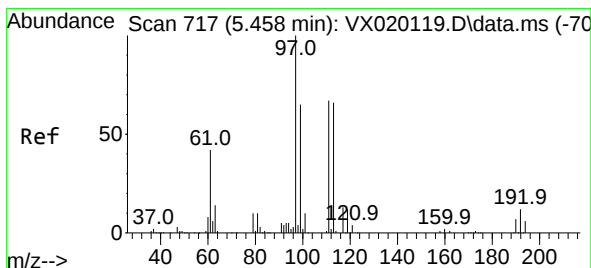
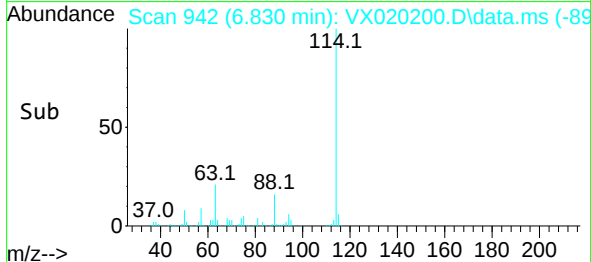
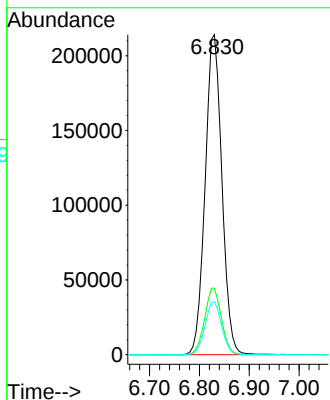


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Instrument :
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ClientSampleId :
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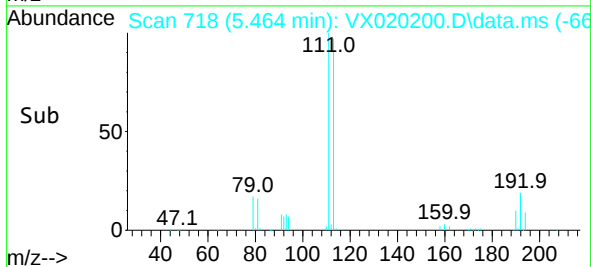
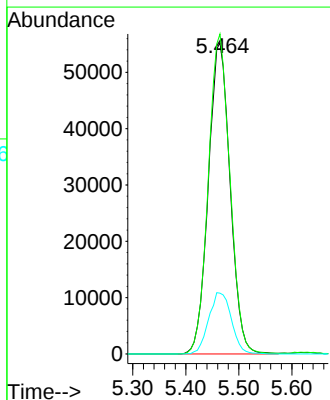
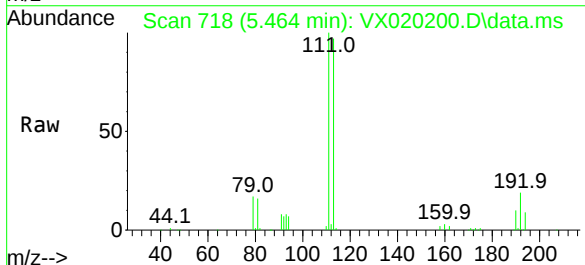


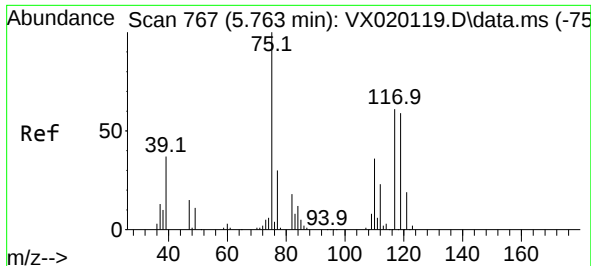
Tgt Ion:114 Resp: 499843
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion:113 Resp: 157509
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.5 16.7 25.1

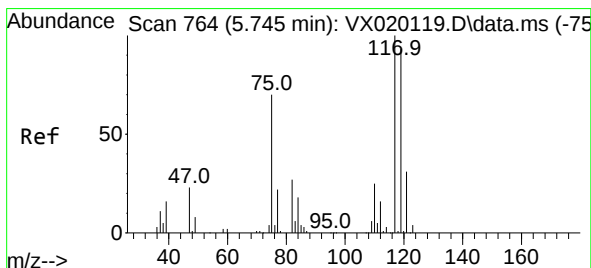
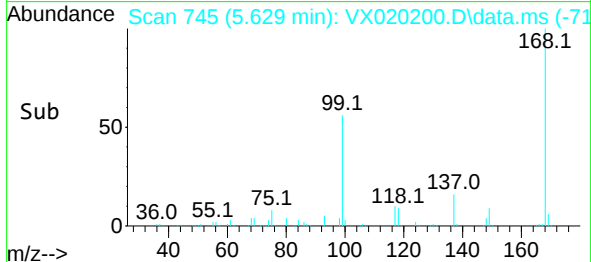
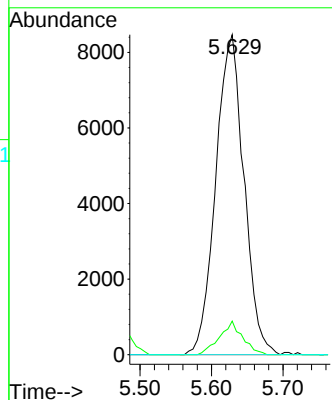
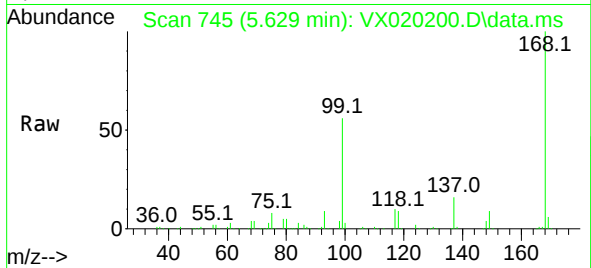




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

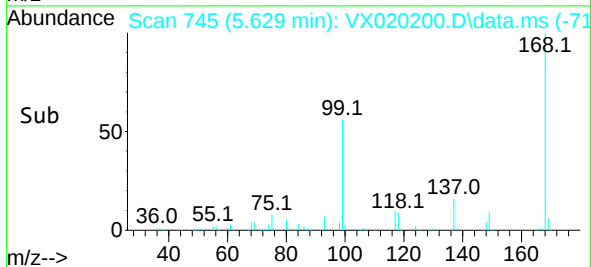
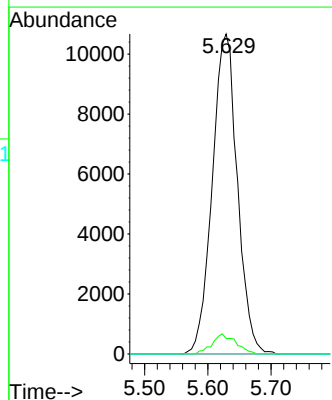
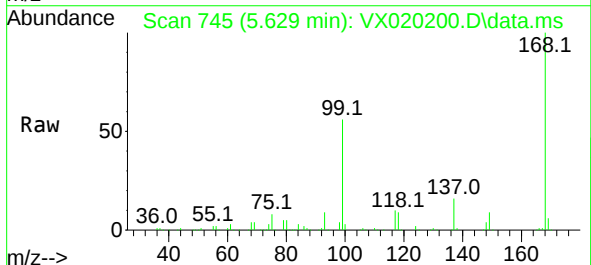
Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

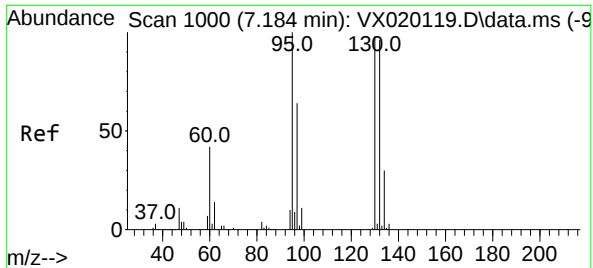
Tgt Ion: 75 Resp: 23204
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion: 117 Resp: 29350
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

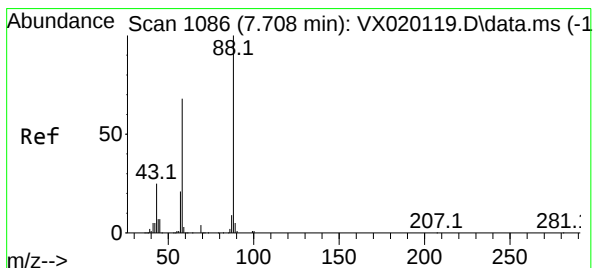
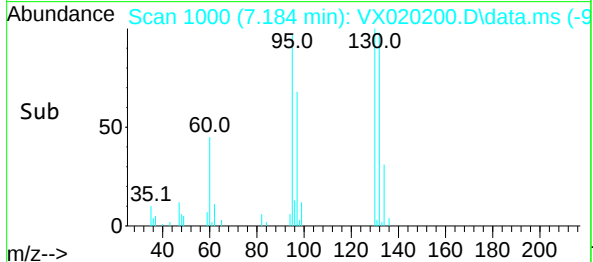
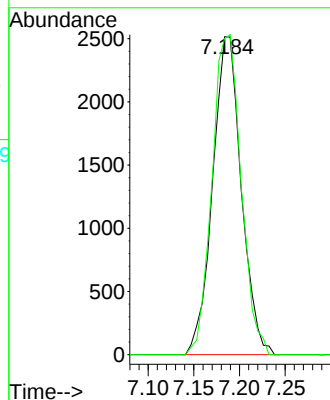
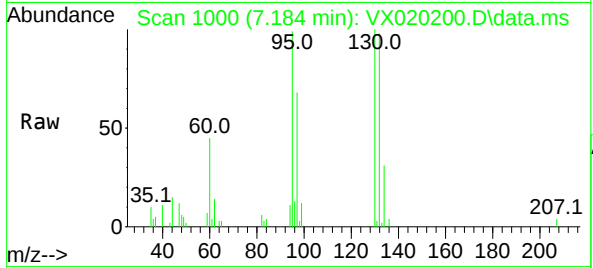




#44
Trichloroethene
Concen: 1.38 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

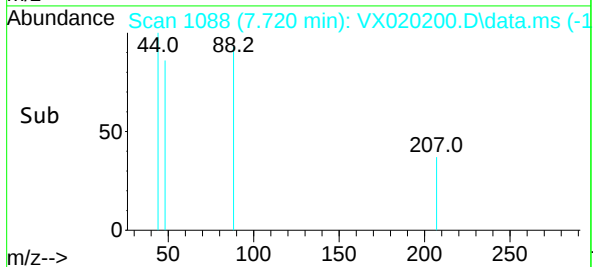
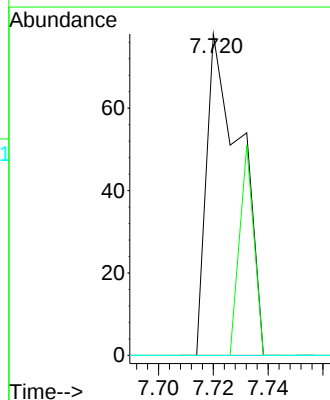
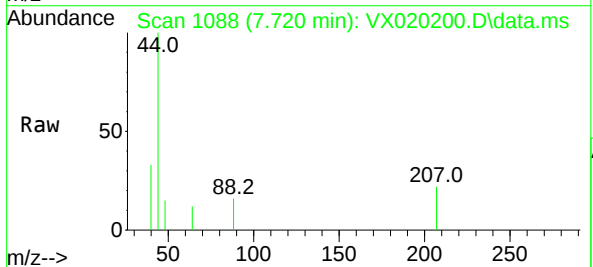
Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

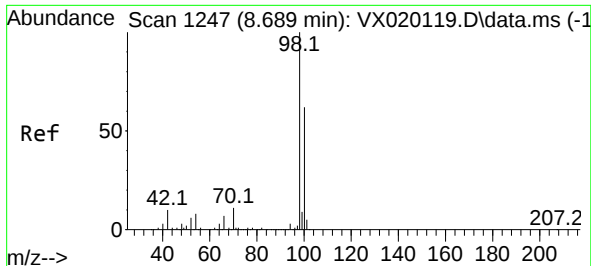
Tgt Ion:130 Resp: 5484
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.0



#49
1,4-Dioxane
Concen: 0.72 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 28.4 23.2 34.8
58 0.0 55.0 82.4#

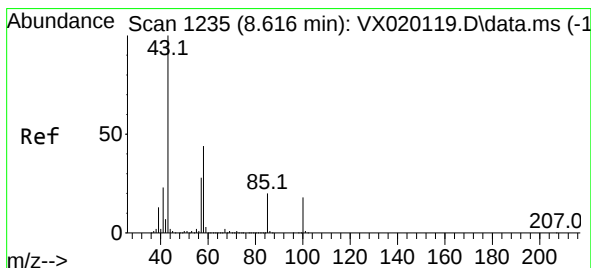
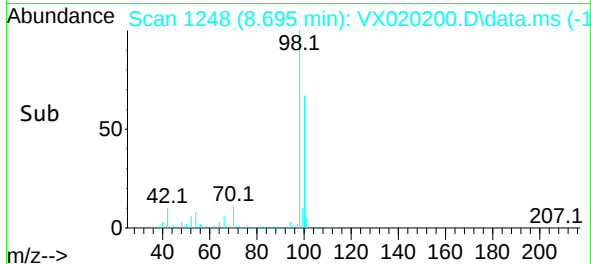
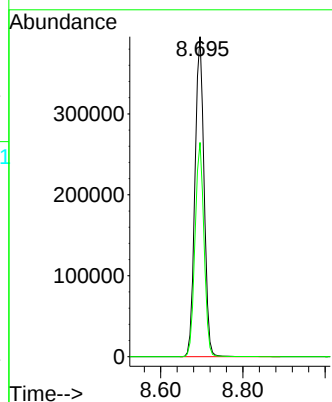
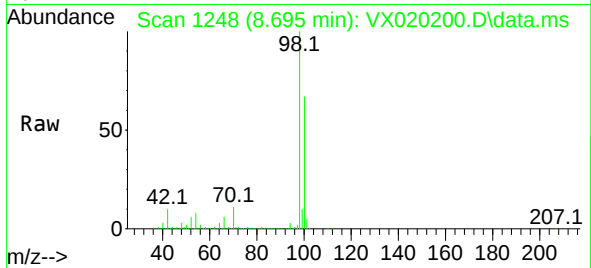




#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

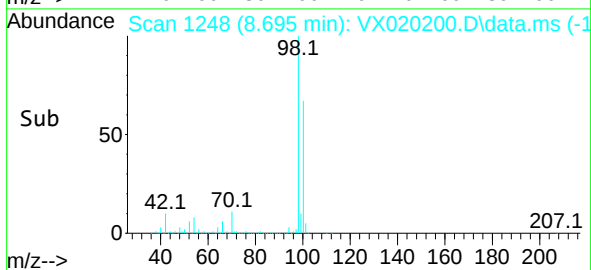
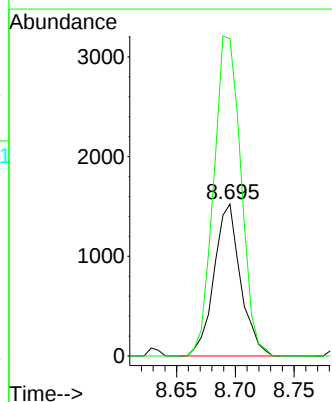
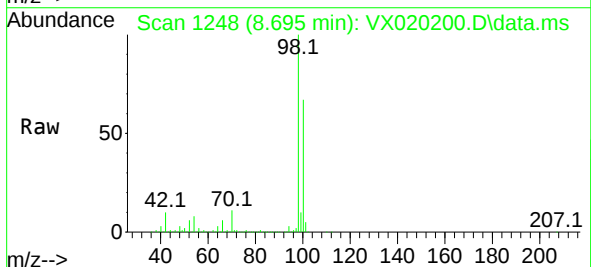
Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

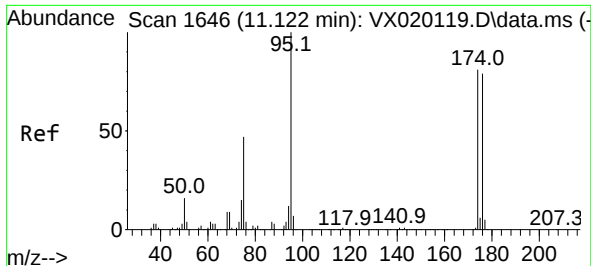
Tgt Ion: 98 Resp: 606596
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 216.8 35.4 53.0#

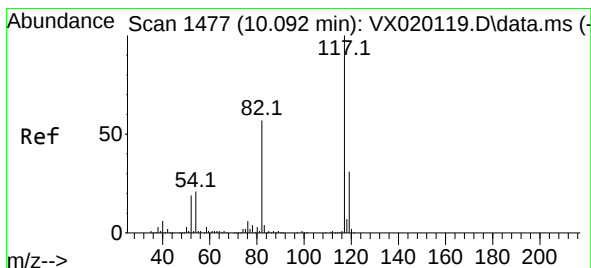
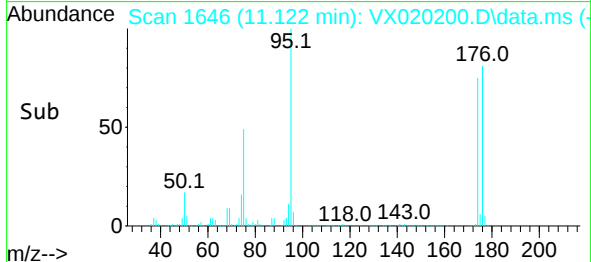
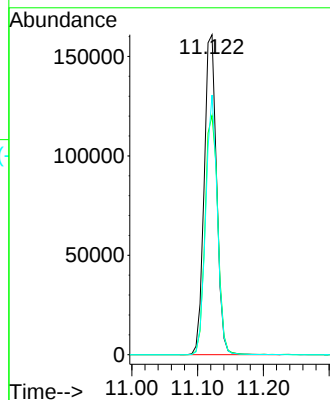
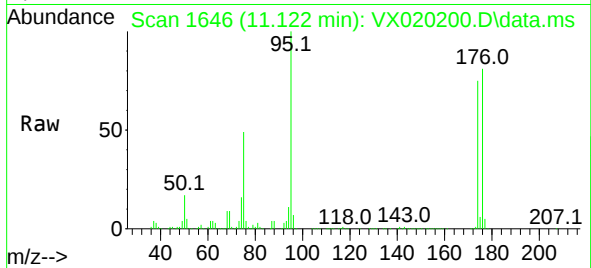




#62
4-Bromofluorobenzene
Concen: 44.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

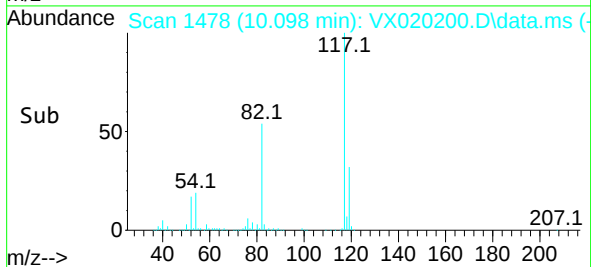
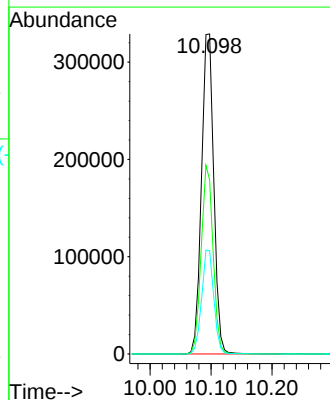
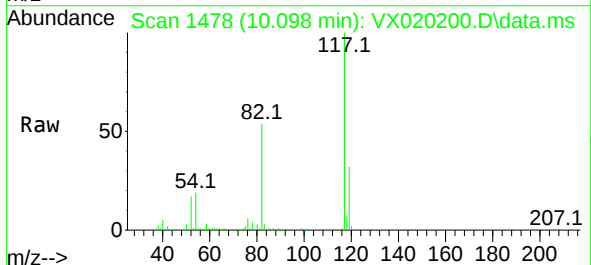
Instrument :
MSVOA_X
ClientSampleId :
49-5567(D)-121320

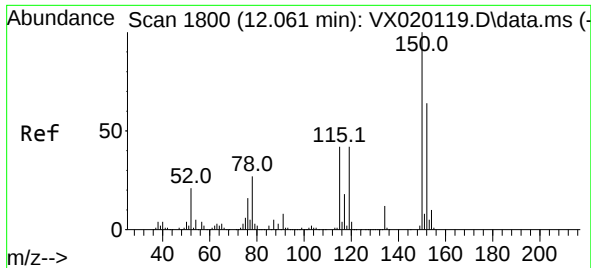
Tgt Ion: 95 Resp: 210944
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020200.D
Acq: 20 Dec 2020 03:14

Tgt Ion: 117 Resp: 461857
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.2 26.6 39.8

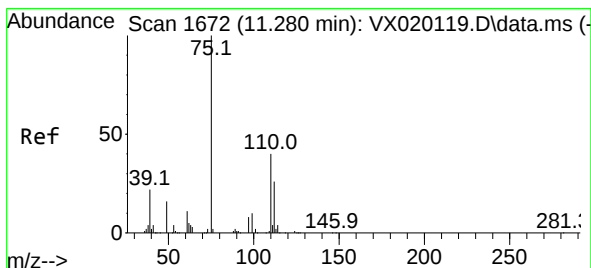
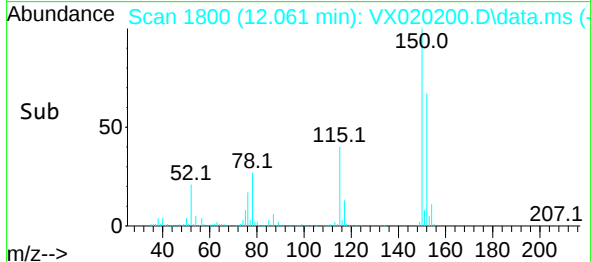
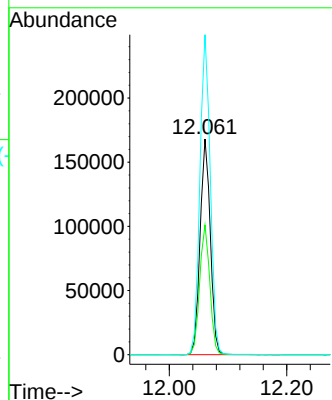
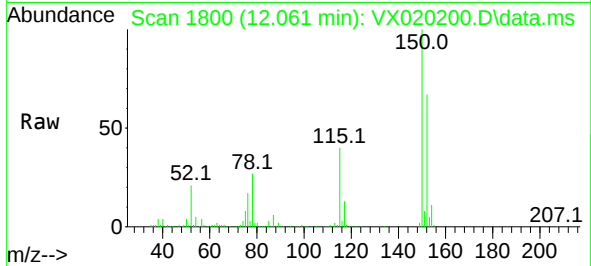




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020200.D
 Acq: 20 Dec 2020 03:14

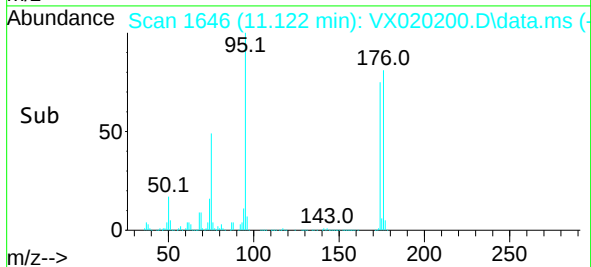
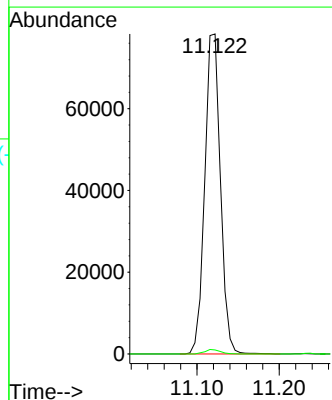
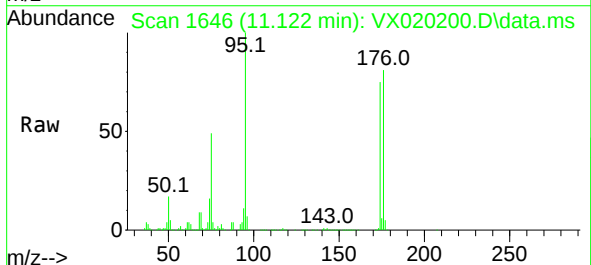
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5567(D)-121320

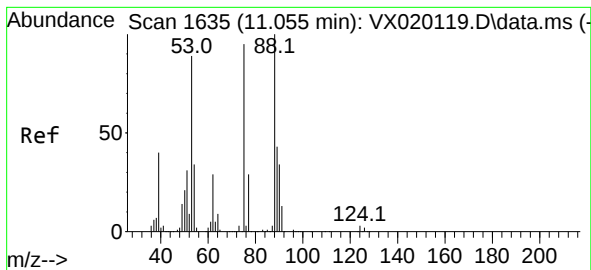
Tgt Ion:152 Resp: 202093
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 150.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.78 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020200.D
 Acq: 20 Dec 2020 03:14

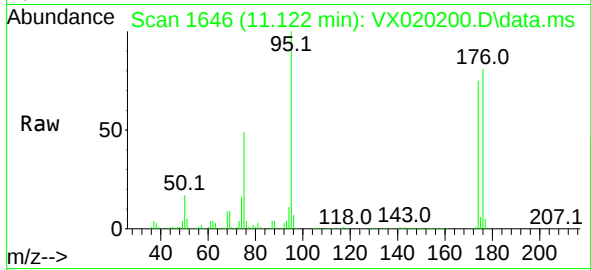
Tgt Ion: 75 Resp: 103460
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.66 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020200.D
 Acq: 20 Dec 2020 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5567(D)-121320



Tgt Ion: 75 Resp: 103460
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

