

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020186.D
 Acq On : 19 Dec 2020 21:03
 Operator : JC/MD
 Sample : L5096-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-6665(SBR)-121220

Quant Time: Dec 21 02:37:22 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)

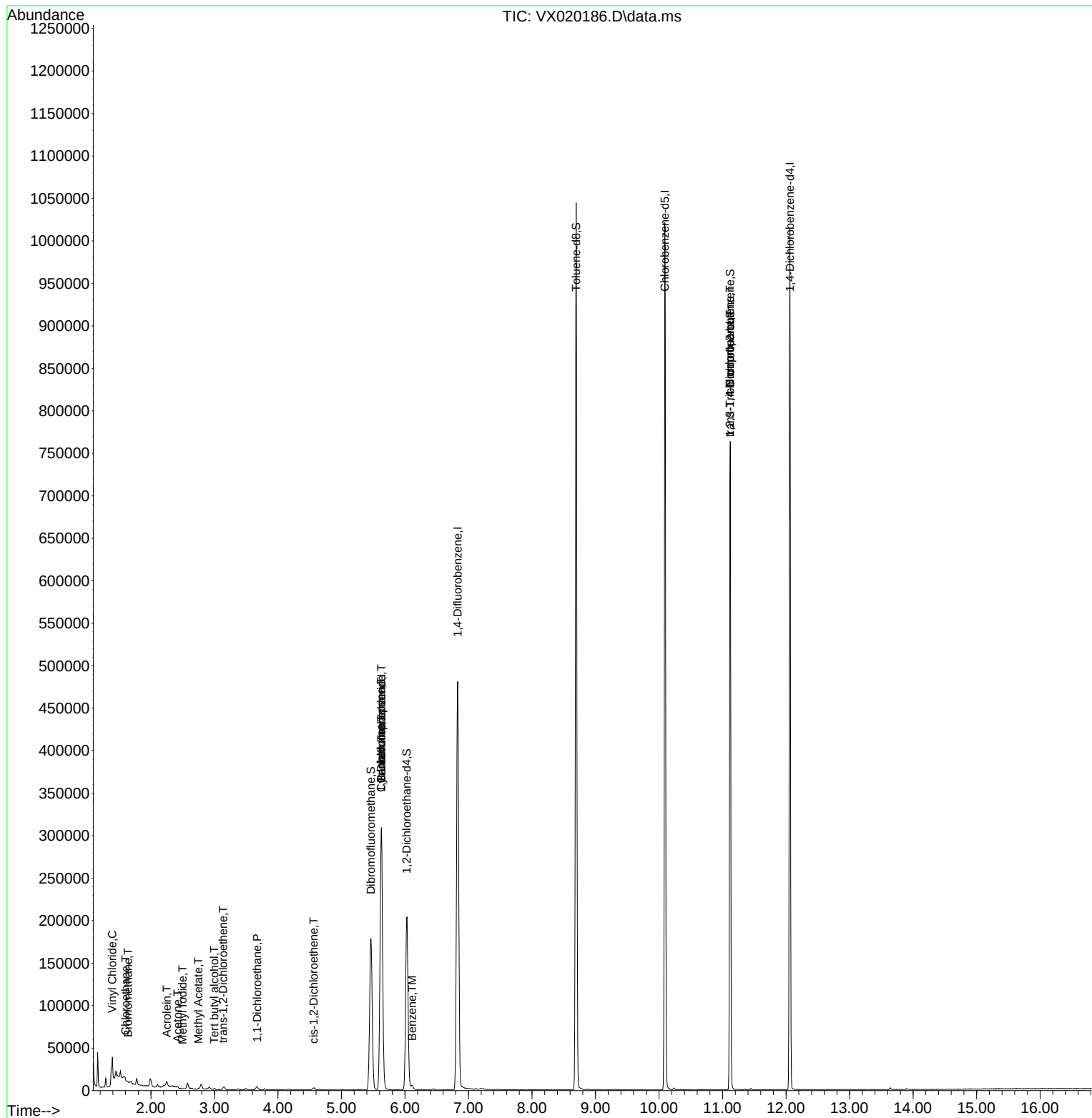
Internal Standards						
1) Pentafluorobenzene	5.629	168	293349	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	496922	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	467825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	202790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	195495	49.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.44%		
35) Dibromofluoromethane	5.464	113	157190	49.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.90%		
50) Toluene-d8	8.696	98	602358	49.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.46%		
62) 4-Bromofluorobenzene	11.122	95	212989	45.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.96%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	1863	0.46	ug/l #	1
5) Bromomethane	1.636	94	454	0.35	ug/l	85
6) Chloroethane	1.599	64	9761	3.90	ug/l #	49
10) Methyl Iodide	2.495	142	95	3.31	ug/l #	47
11) Tert butyl alcohol	2.995	59	1173	1.33	ug/l #	73
13) Acrolein	2.252	56	260	0.47	ug/l #	1
16) Acetone	2.416	43	2817	1.57	ug/l #	78
18) Methyl Acetate	2.745	43	870	0.22	ug/l #	54
21) trans-1,2-Dichloroethene	3.136	96	807	0.22	ug/l #	82
24) 1,1-Dichloroethane	3.672	63	4353	0.68	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	1588	0.39	ug/l	100
31) Cyclohexane	5.623	56	5940	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23005	4.68	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28992	6.21	ug/l #	18
40) Benzene	6.111	78	5426	0.35	ug/l	99
76) 1,2,3-Trichloropropane	11.116	75	103986	20.82	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	103986	61.76	ug/l #	12

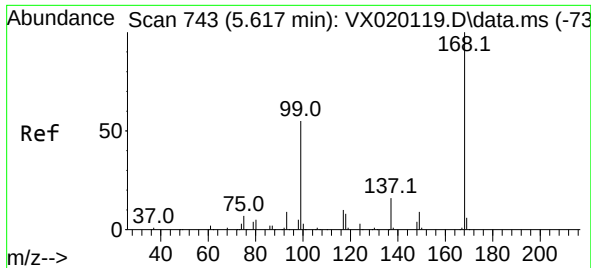
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
Data File : VX020186.D
Acq On : 19 Dec 2020 21:03
Operator : JC/MD
Sample : L5096-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

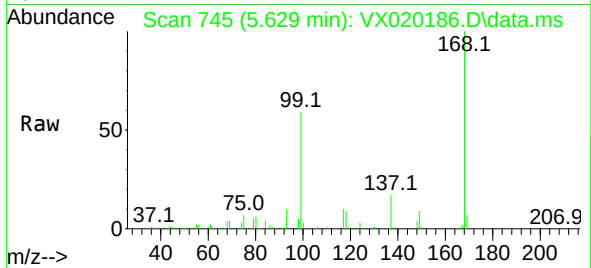
Quant Time: Dec 21 02:37:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



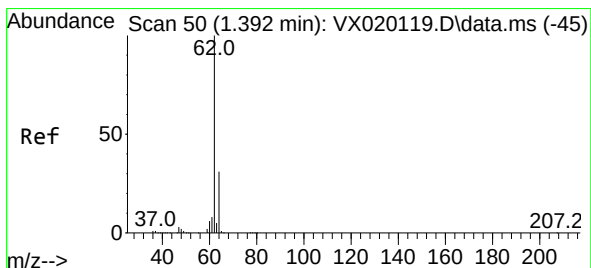
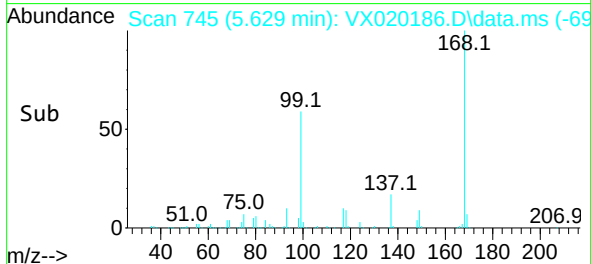
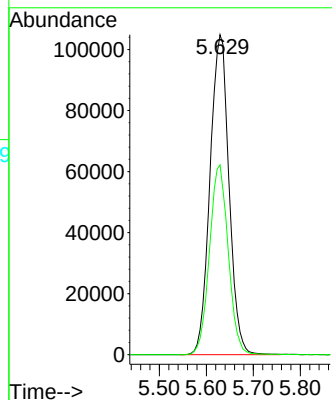


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

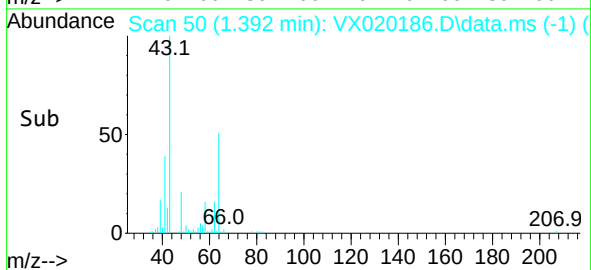
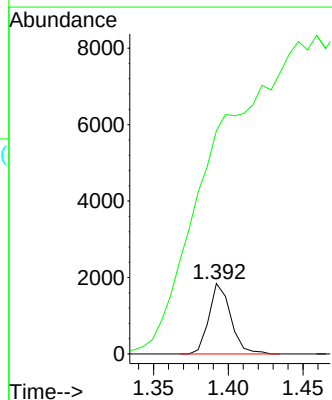
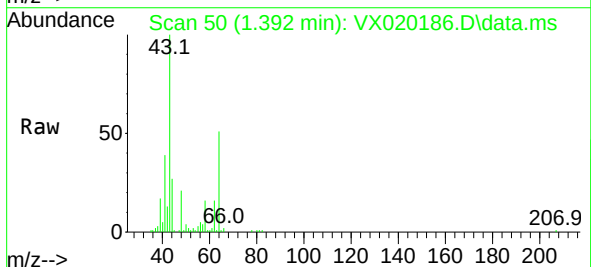


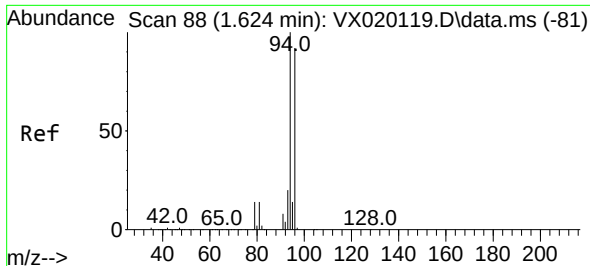
Tgt Ion:168 Resp: 293349
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#4
Vinyl Chloride
Concen: 0.46 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Tgt Ion: 62 Resp: 1863
Ion Ratio Lower Upper
62 100
64 184.2 25.7 38.5#

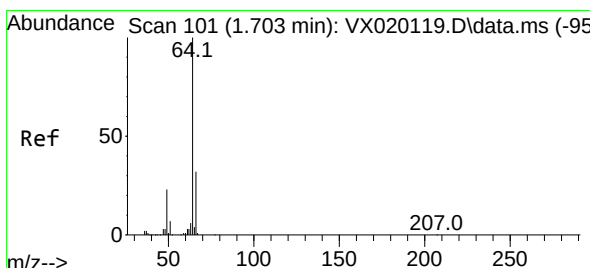
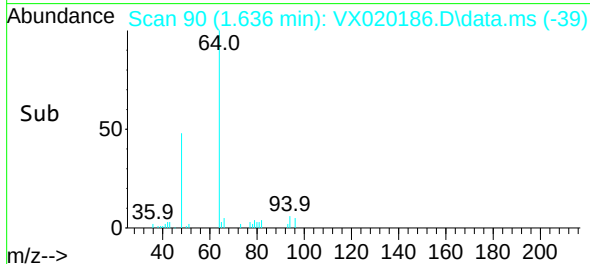
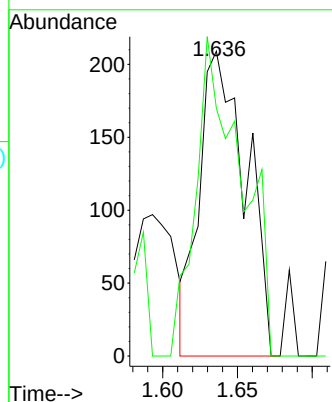
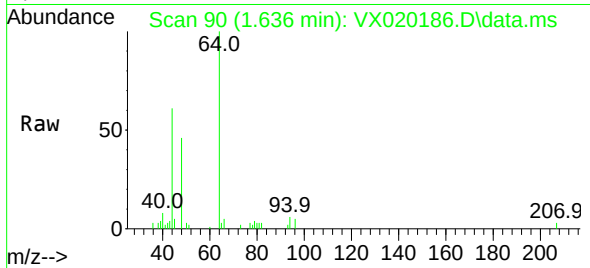




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

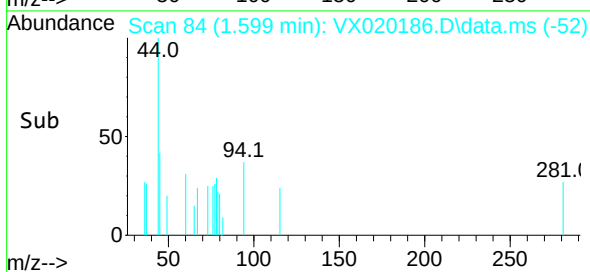
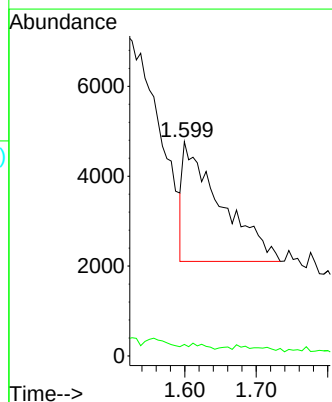
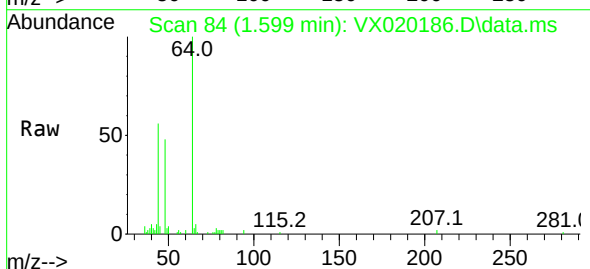
Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

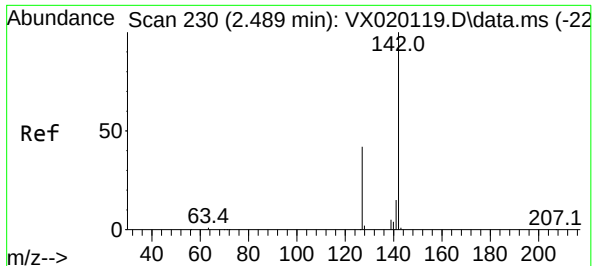
Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 81.3 76.4 114.6



#6
Chloroethane
Concen: 3.90 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.104 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

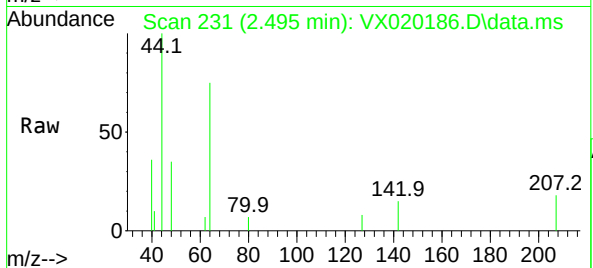
Tgt Ion: 64 Resp: 9761
Ion Ratio Lower Upper
64 100
66 3.3 25.4 38.0#



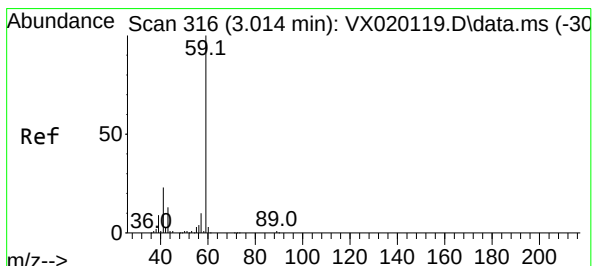
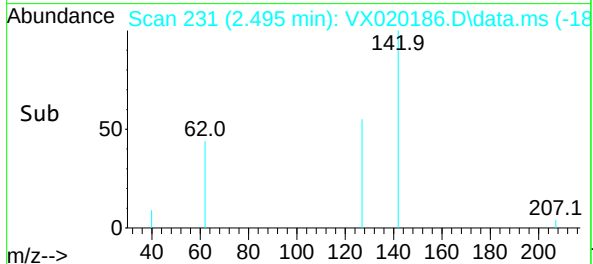
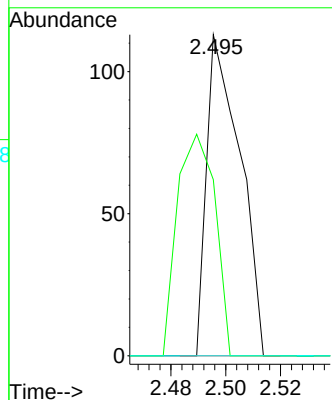


#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

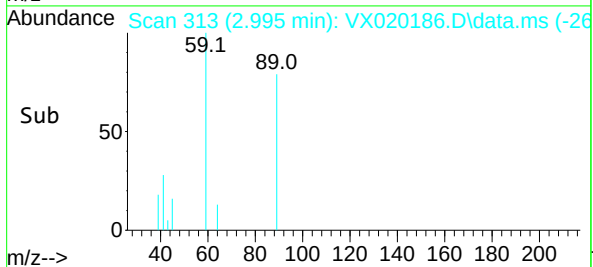
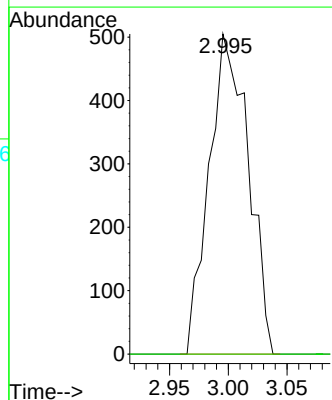
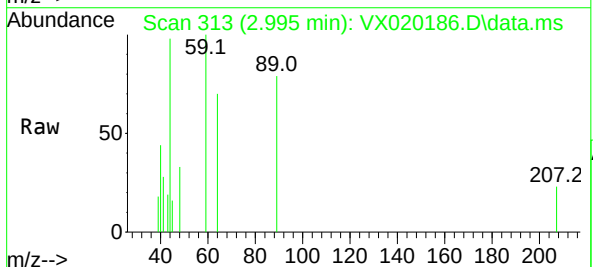


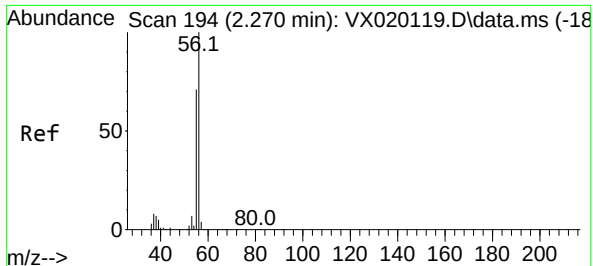
Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 78.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.33 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Tgt Ion: 59 Resp: 1173
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

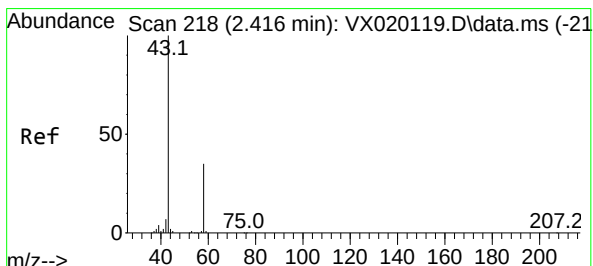
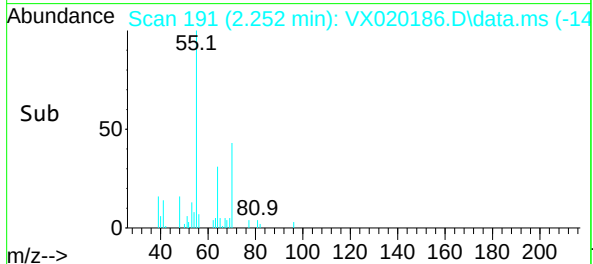
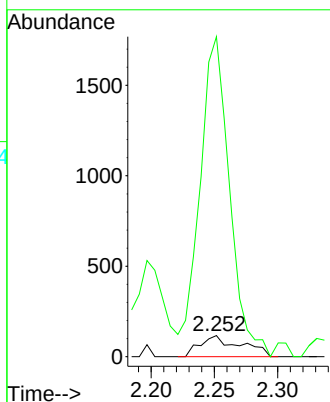
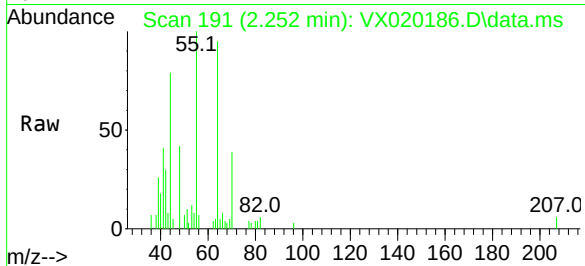




#13
Acrolein
Concen: 0.47 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.018 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

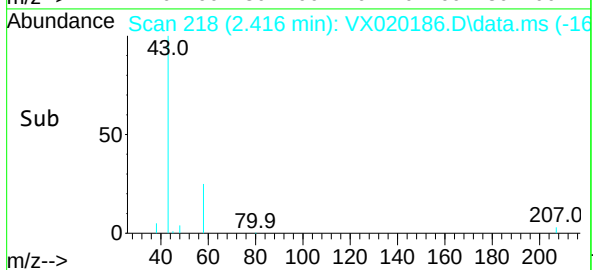
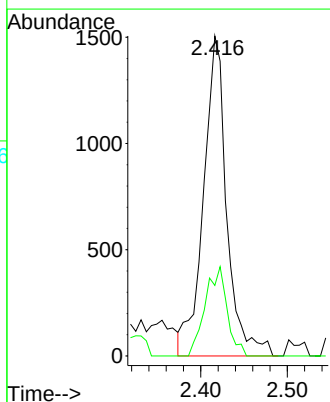
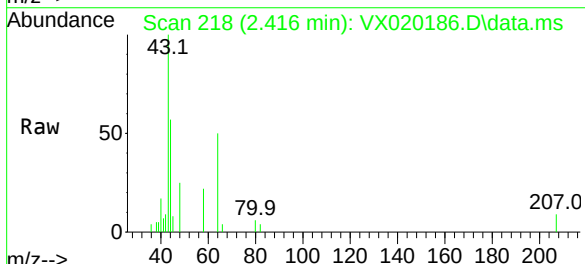
Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

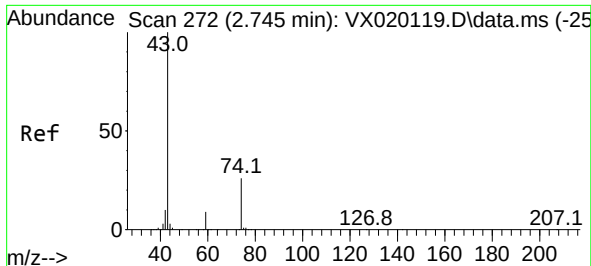
Tgt Ion: 56 Resp: 260
Ion Ratio Lower Upper
56 100
55 1110.4 56.4 84.6#



#16
Acetone
Concen: 1.57 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Tgt Ion: 43 Resp: 2817
Ion Ratio Lower Upper
43 100
58 22.0 27.8 41.8#

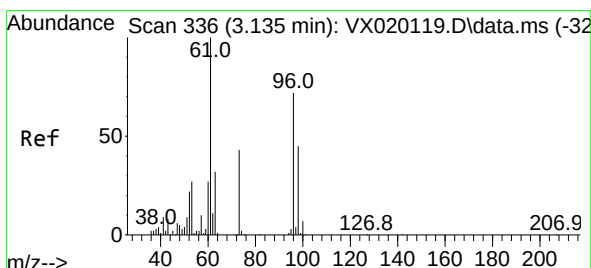
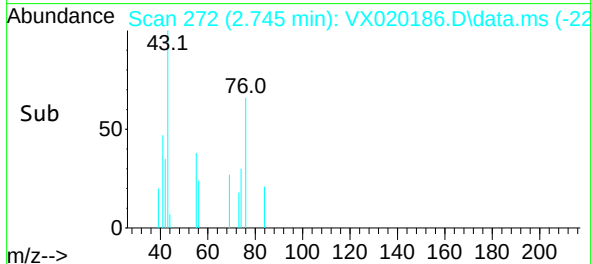
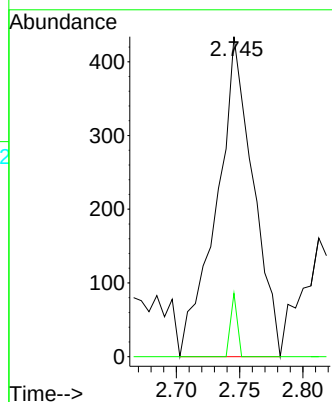
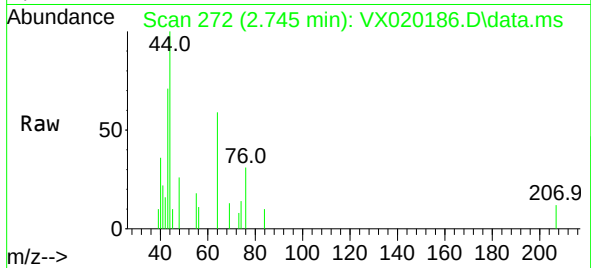




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

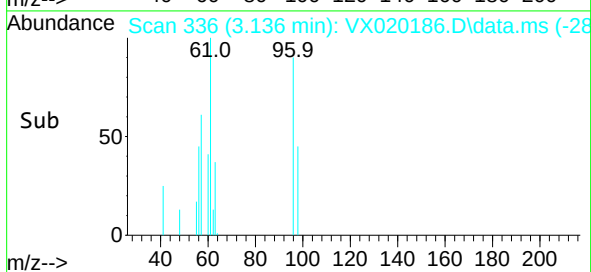
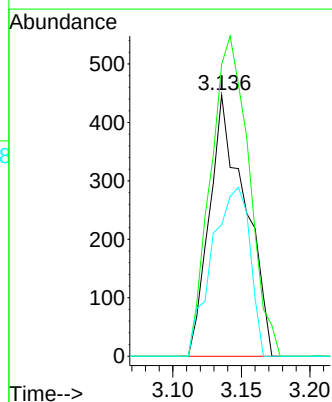
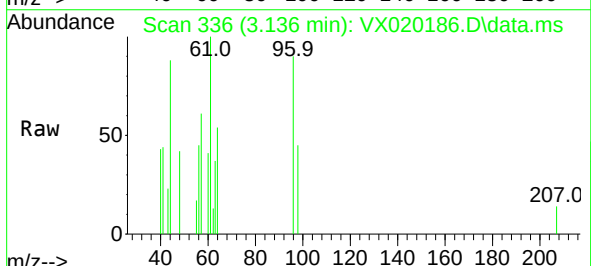
Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

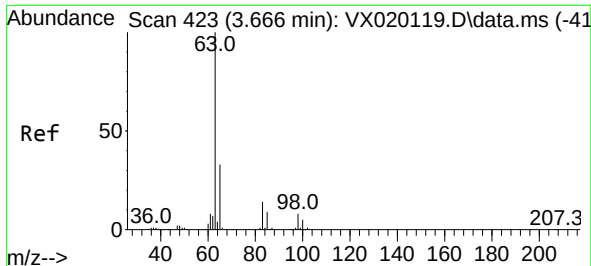
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
74 3.6 21.9 32.9#



#21
trans-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.001 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

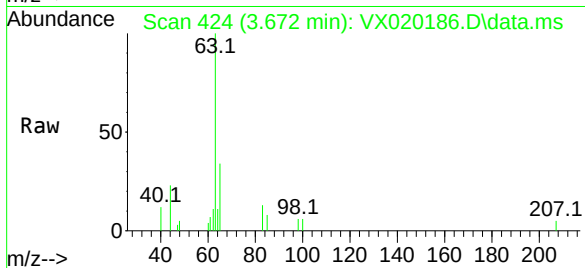
Tgt Ion: 96 Resp: 807
Ion Ratio Lower Upper
96 100
61 111.6 107.7 161.5
98 50.3 50.4 75.6#



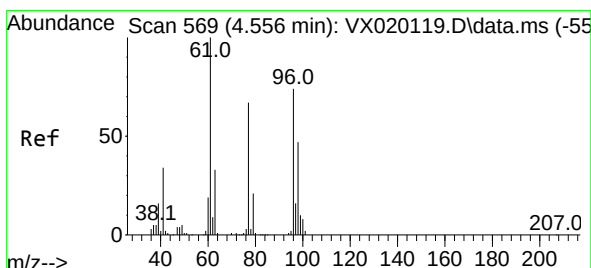
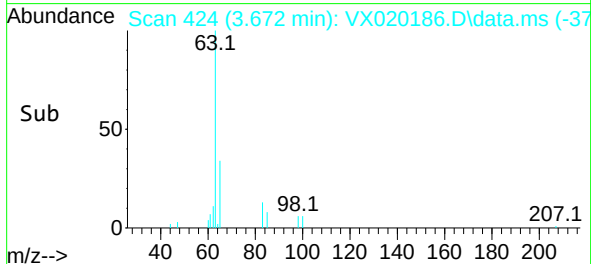
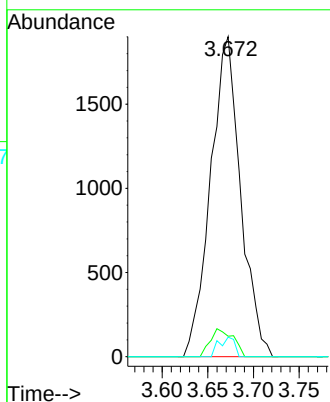


#24
1,1-Dichloroethane
Concen: 0.68 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

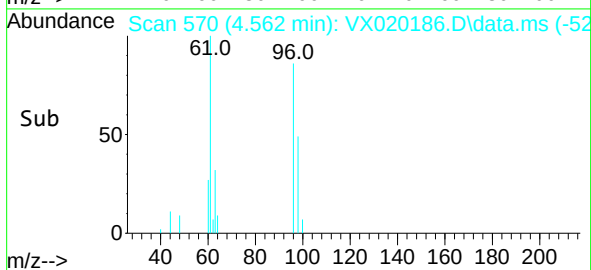
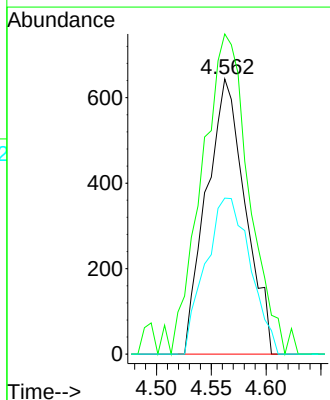
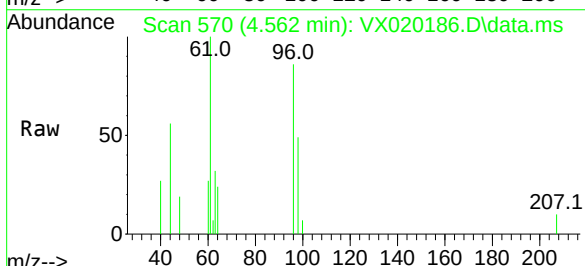


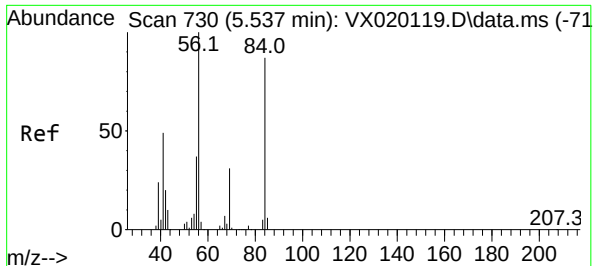
Tgt Ion: 63 Resp: 4353
Ion Ratio Lower Upper
63 100
98 6.4 3.8 11.2
100 6.1 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 0.39 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

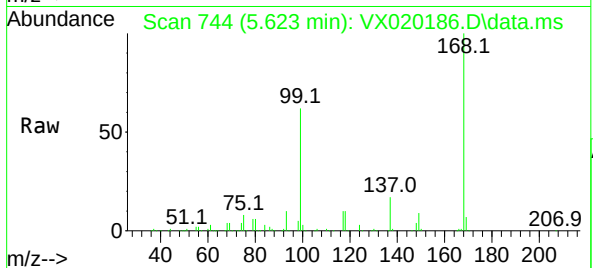
Tgt Ion: 96 Resp: 1588
Ion Ratio Lower Upper
96 100
61 143.1 0.0 285.6
98 65.2 0.0 129.6



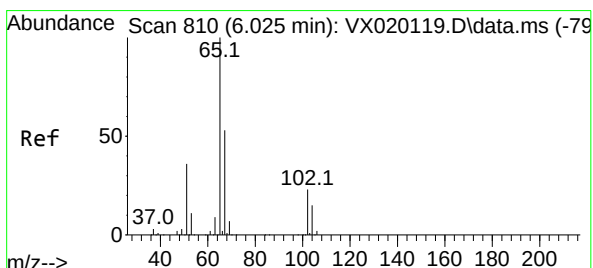
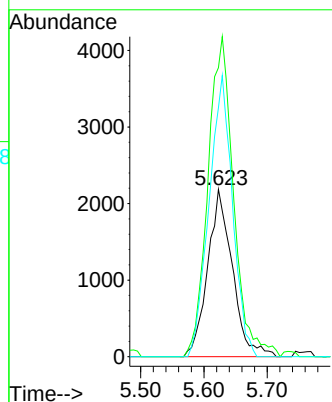
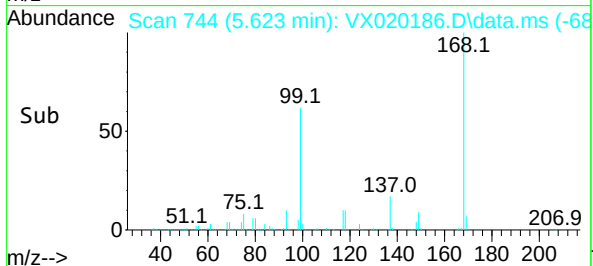


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

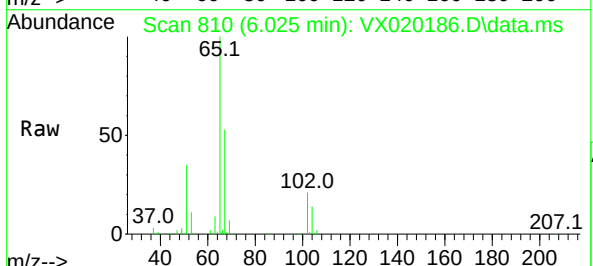
Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220



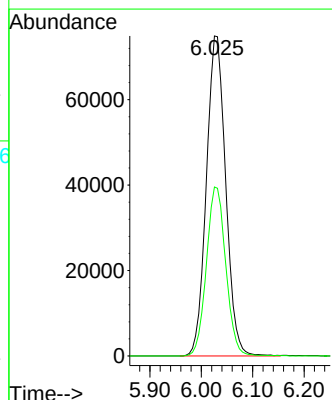
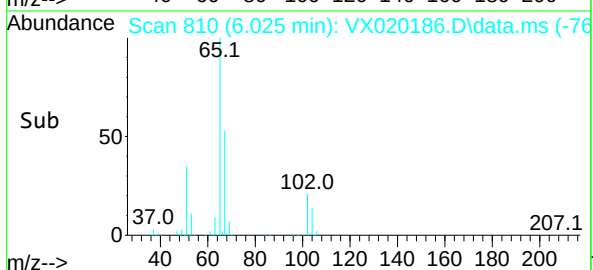
Tgt Ion: 56 Resp: 5940
Ion Ratio Lower Upper
56 100
69 172.7 25.3 37.9#
84 148.8 71.4 107.0#

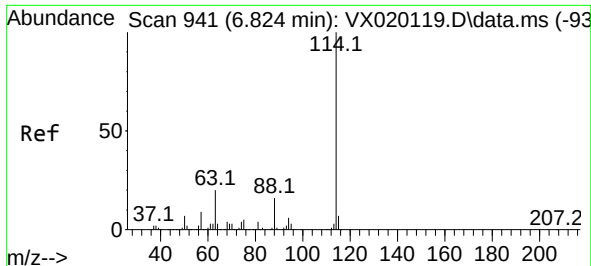


#33
1,2-Dichloroethane-d4
Concen: 49.72 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03



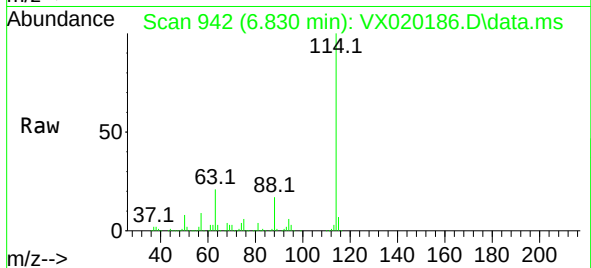
Tgt Ion: 65 Resp: 195495
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



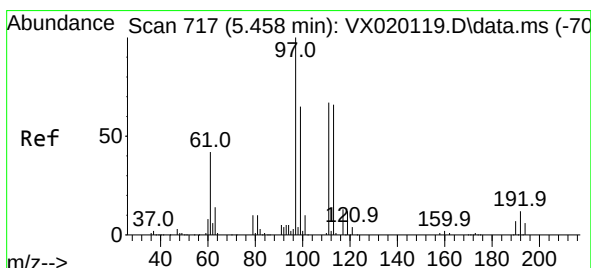
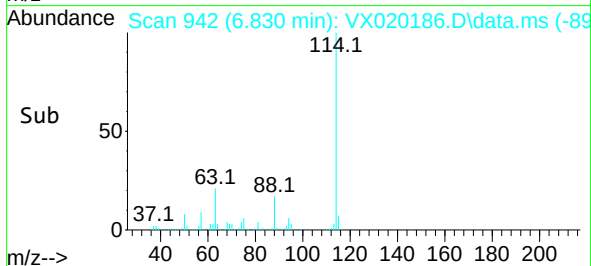
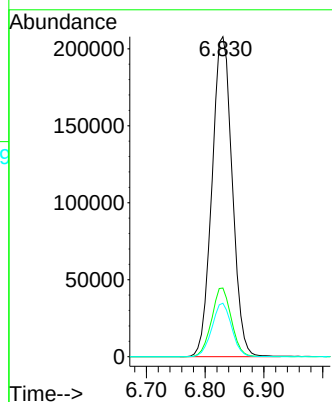


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

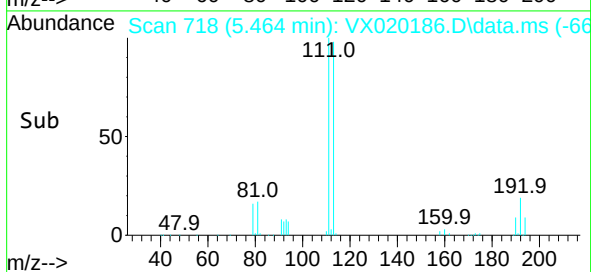
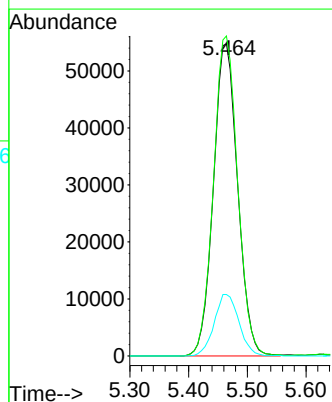
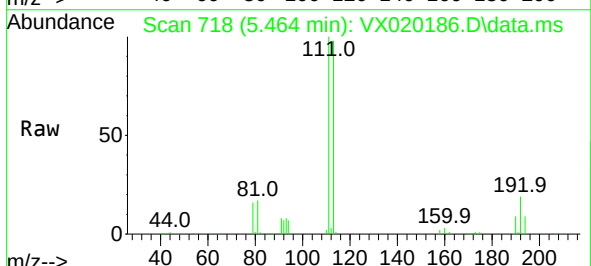


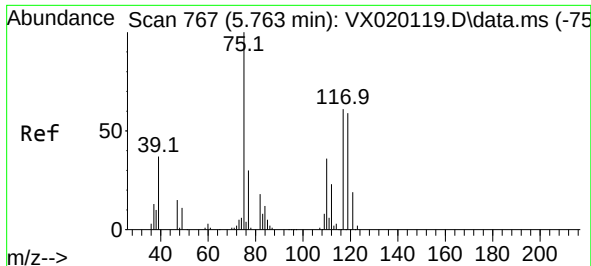
Tgt Ion:114 Resp: 496922
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.45 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

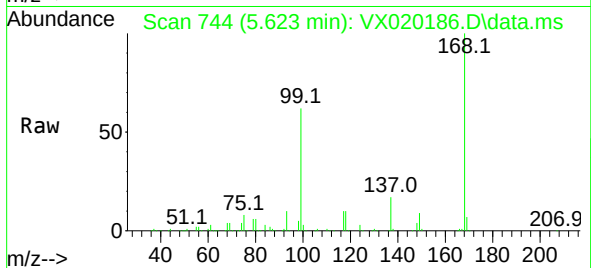
Tgt Ion:113 Resp: 157190
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.0 16.7 25.1



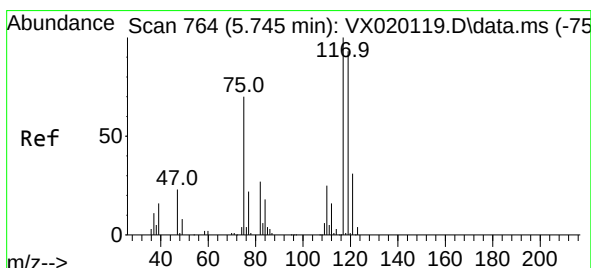
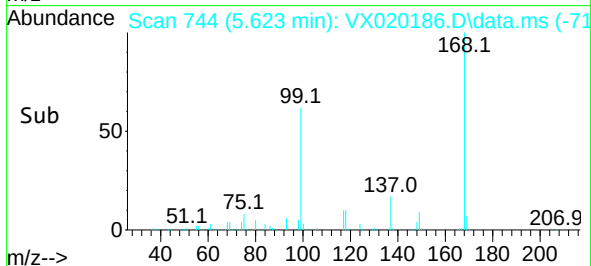
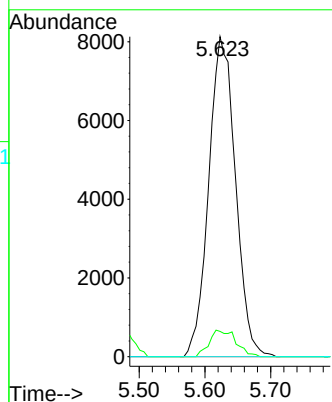


#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

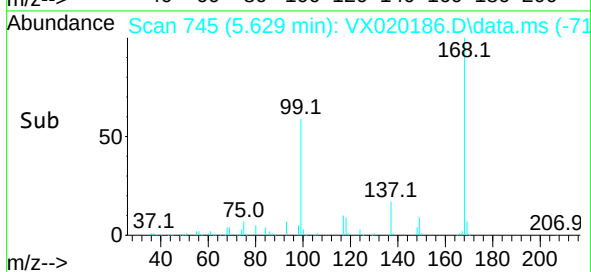
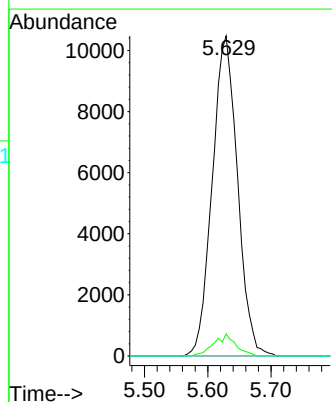
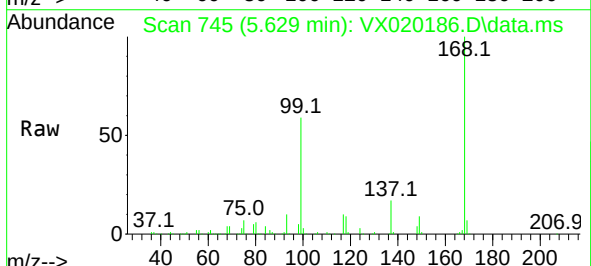


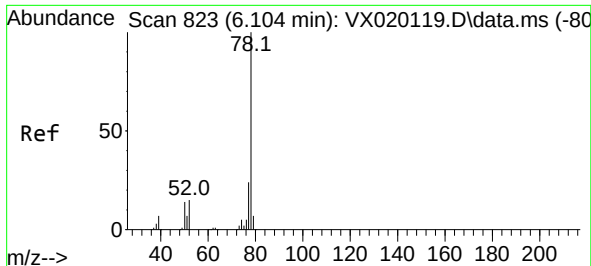
Tgt Ion: 75 Resp: 23005
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Tgt Ion: 117 Resp: 28992
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#

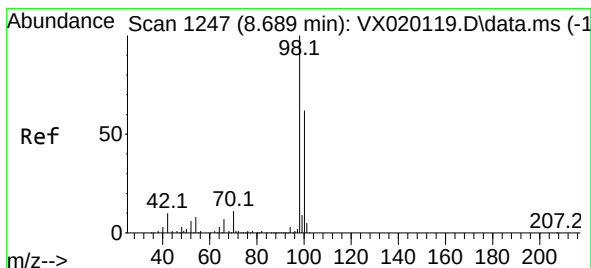
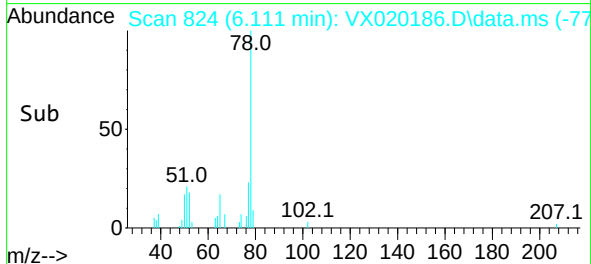
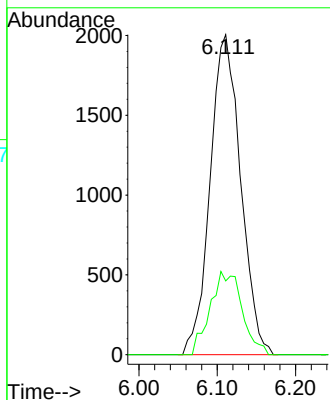
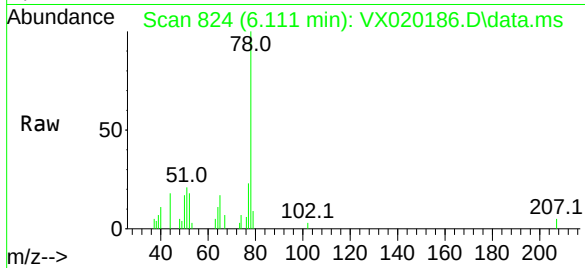




#40
Benzene
Concen: 0.35 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

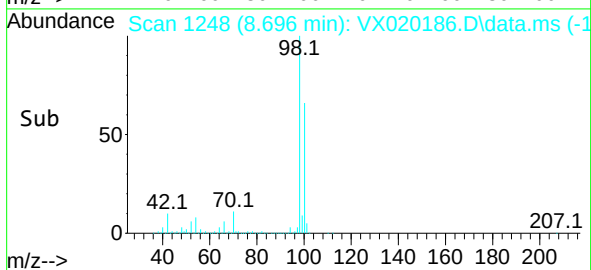
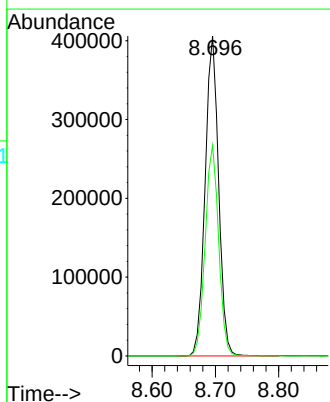
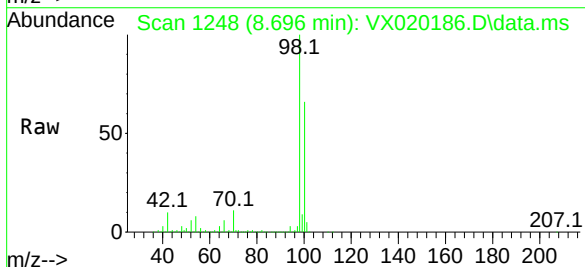
Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

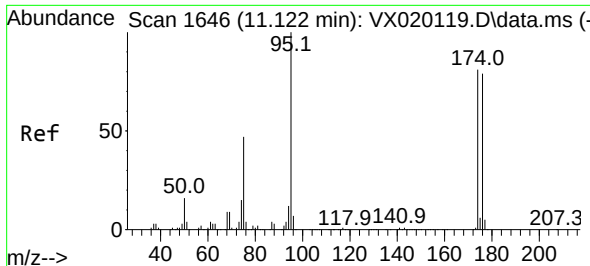
Tgt Ion: 78 Resp: 5426
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3



#50
Toluene-d8
Concen: 49.23 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Tgt Ion: 98 Resp: 602358
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

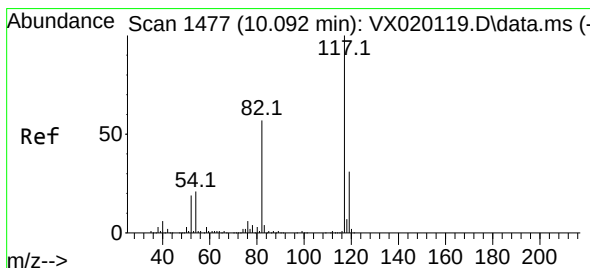
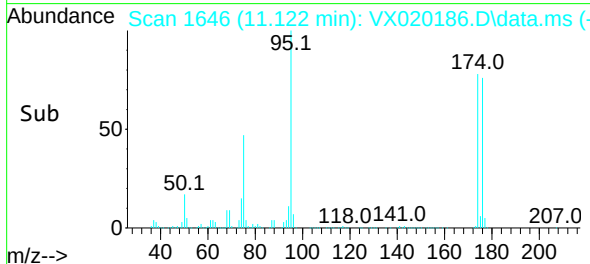
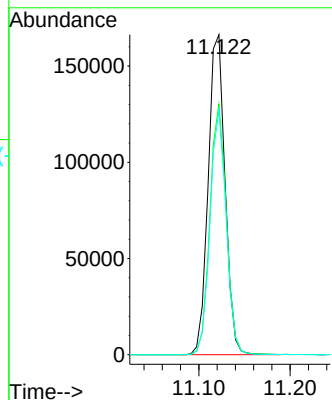
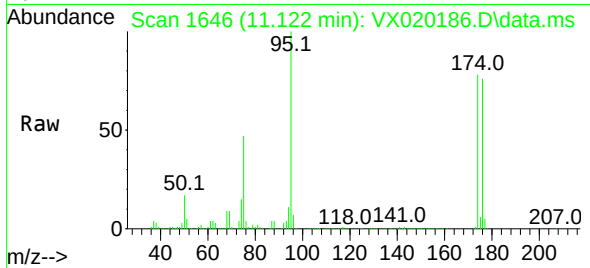




#62
4-Bromofluorobenzene
Concen: 45.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

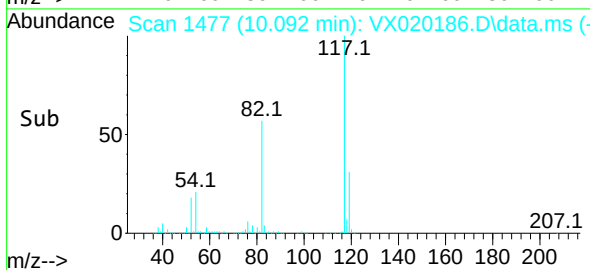
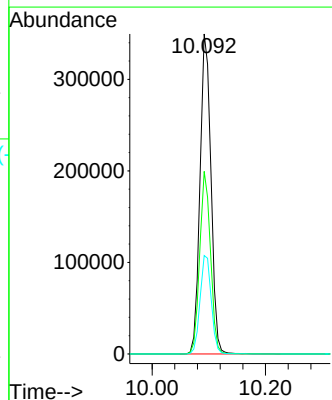
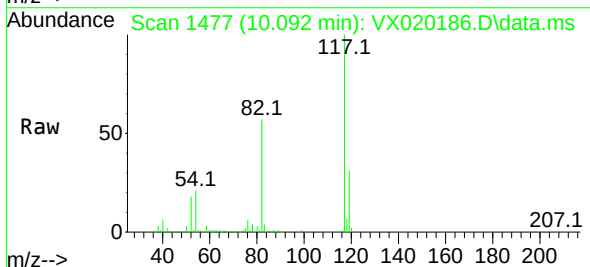
Instrument :
MSVOA_X
ClientSampleId :
49-6665(SBR)-121220

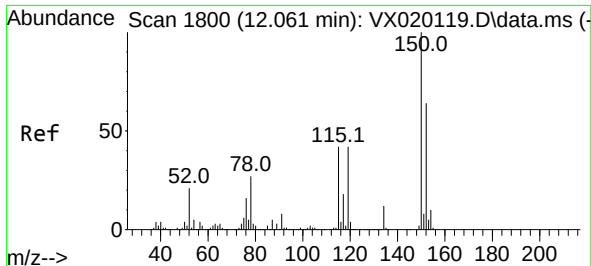
Tgt Ion: 95 Resp: 212989
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 73.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020186.D
Acq: 19 Dec 2020 21:03

Tgt Ion: 117 Resp: 467825
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 30.7 26.6 39.8

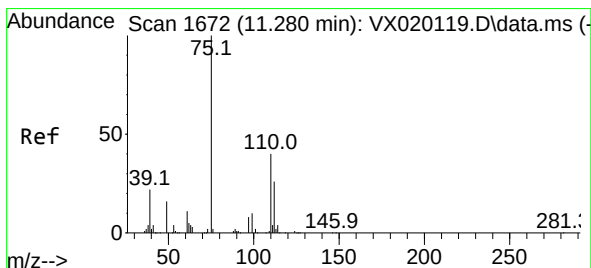
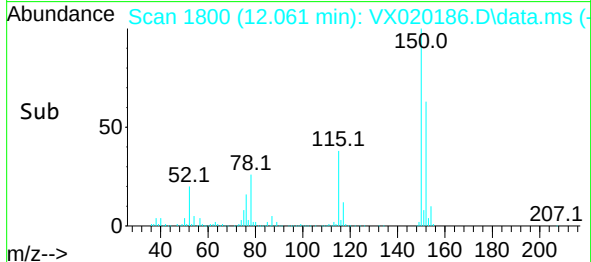
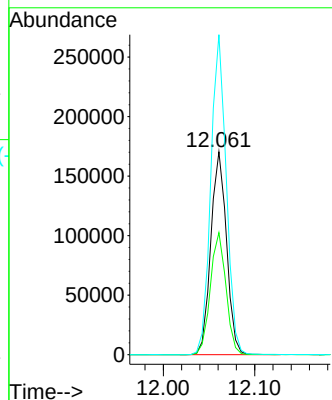
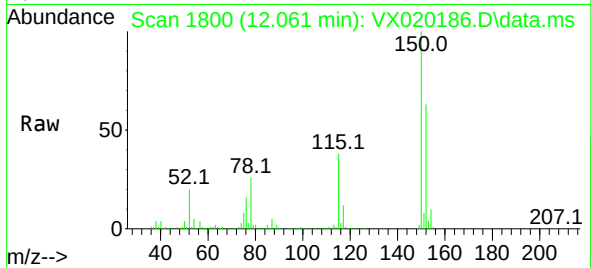




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020186.D
 Acq: 19 Dec 2020 21:03

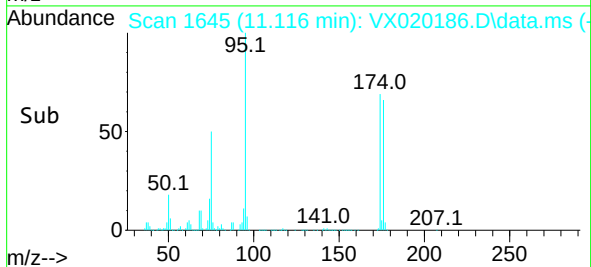
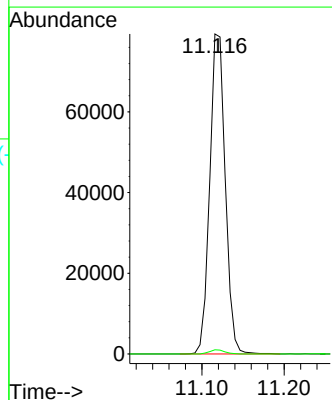
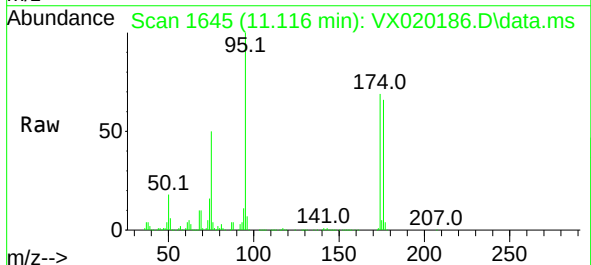
Instrument :
 MSVOA_X
 ClientSampleId :
 49-6665(SBR)-121220

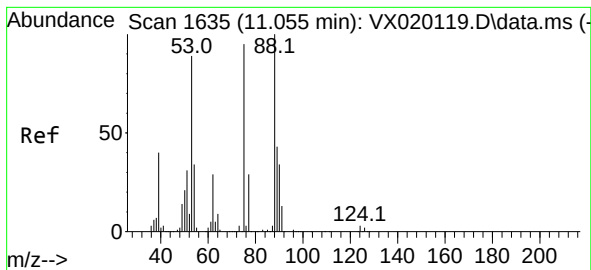
Tgt Ion:152 Resp: 202790
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 155.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.82 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX020186.D
 Acq: 19 Dec 2020 21:03

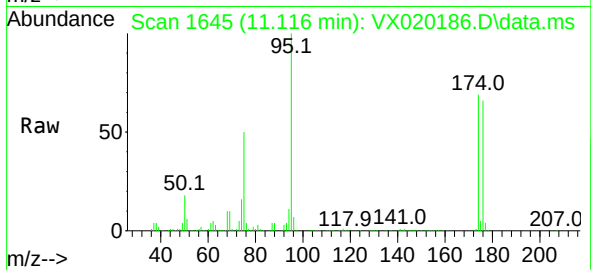
Tgt Ion: 75 Resp: 103986
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.76 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020186.D
 Acq: 19 Dec 2020 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 49-6665(SBR)-121220



Tgt Ion: 75 Resp: 103986
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

