

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020187.D
 Acq On : 19 Dec 2020 21:26
 Operator : JC/MD
 Sample : L5096-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5573(D)-121220

Quant Time: Dec 21 02:37:40 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)

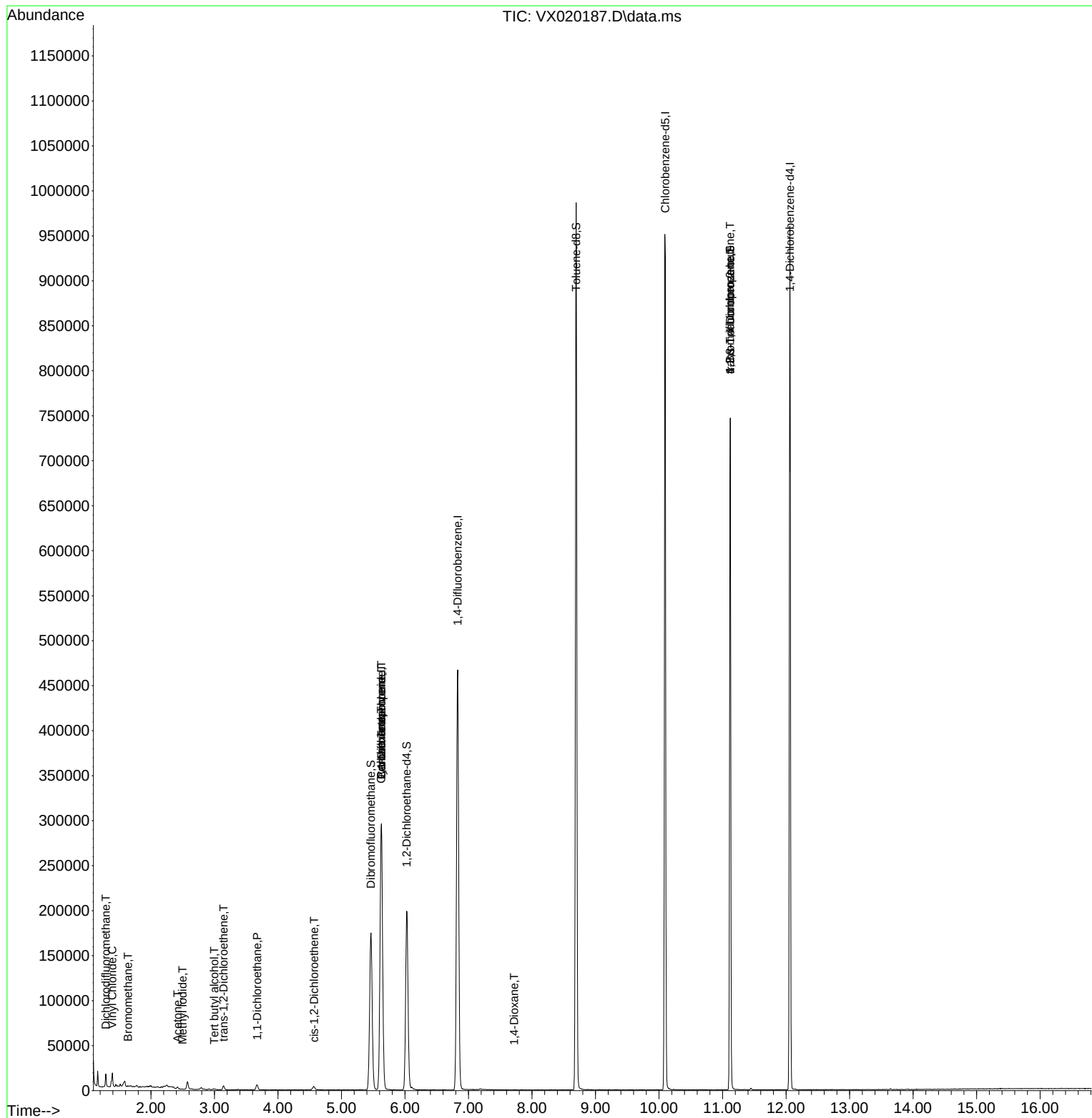
Internal Standards						
1) Pentafluorobenzene	5.629	168	285620	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	481472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	443654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	190062	49.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.28%
35) Dibromofluoromethane	5.464	113	153736	49.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.82%
50) Toluene-d8	8.695	98	581686	49.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.12%
62) 4-Bromofluorobenzene	11.122	95	203160	44.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.54%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.288	85	896	0.29	ug/l	95
4) Vinyl Chloride	1.392	62	3939	1.01	ug/l	98
5) Bromomethane	1.636	94	601	0.48	ug/l #	80
10) Methyl Iodide	2.495	142	144	3.32	ug/l #	65
11) Tert butyl alcohol	2.995	59	778	0.91	ug/l #	73
16) Acetone	2.416	43	1864	1.07	ug/l	93
21) trans-1,2-Dichloroethene	3.142	96	1888	0.53	ug/l	97
24) 1,1-Dichloroethane	3.672	63	6265	1.01	ug/l	99
27) cis-1,2-Dichloroethene	4.568	96	2455	0.61	ug/l	92
31) Cyclohexane	5.623	56	5640	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21820	4.59	ug/l #	49
38) Carbon Tetrachloride	5.629	117	28148	6.22	ug/l #	17
49) 1,4-Dioxane	7.720	88	21	0.23	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	99271	21.41	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	99271	63.52	ug/l #	12

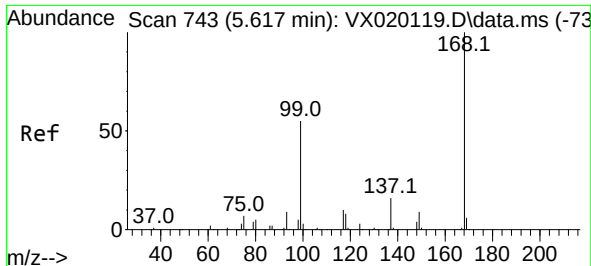
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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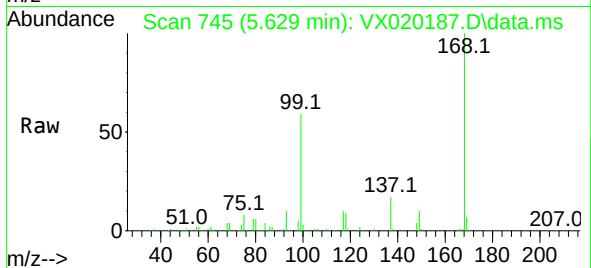
Quant Time: Dec 21 02:37:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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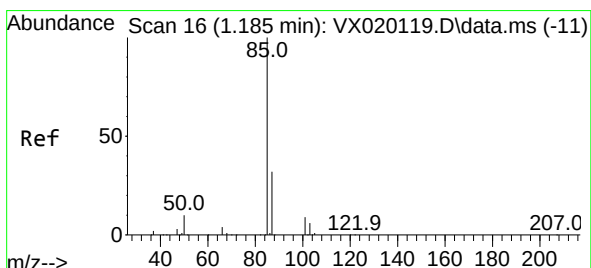
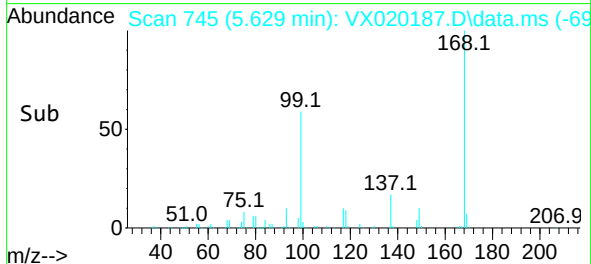
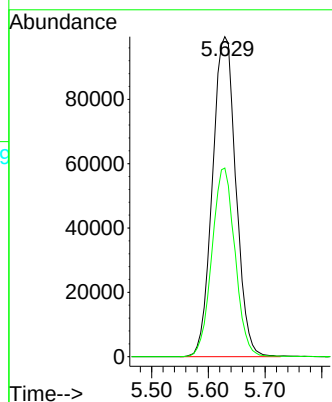


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Instrument :
MSVOA_X
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49-5573(D)-121220

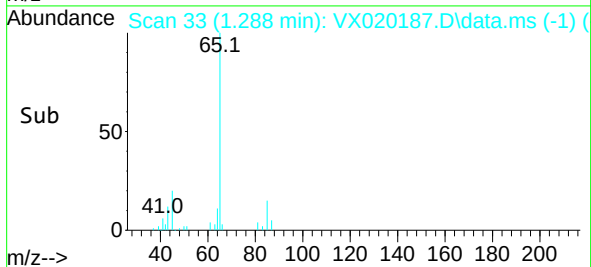
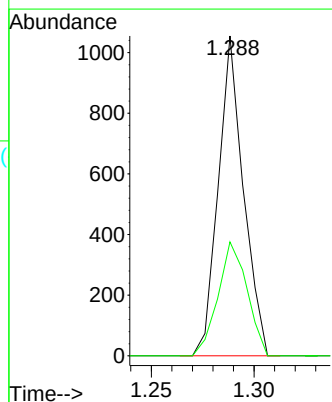
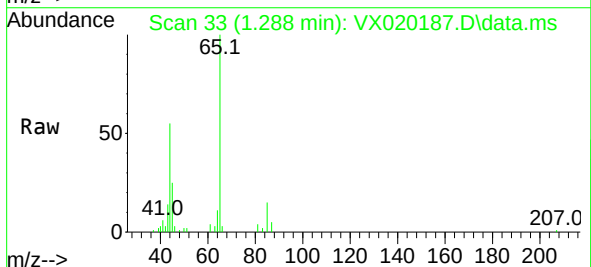


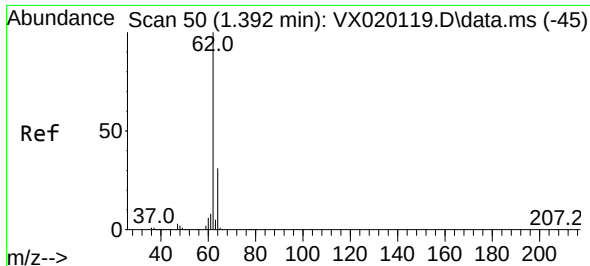
Tgt Ion:168 Resp: 285620
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.29 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.103 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion: 85 Resp: 896
Ion Ratio Lower Upper
85 100
87 35.6 16.4 49.2

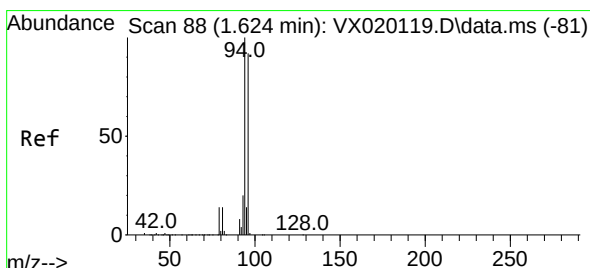
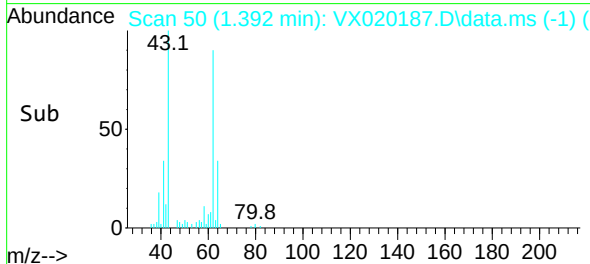
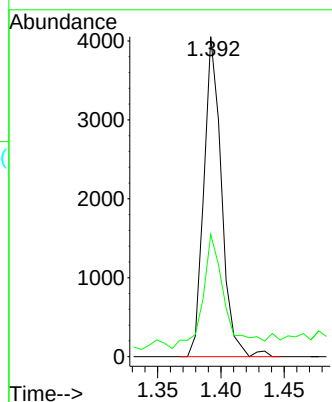
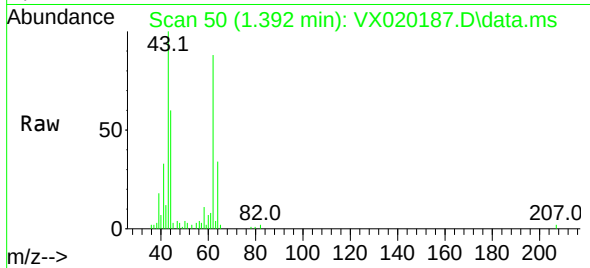




#4
 Vinyl Chloride
 Concen: 1.01 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26

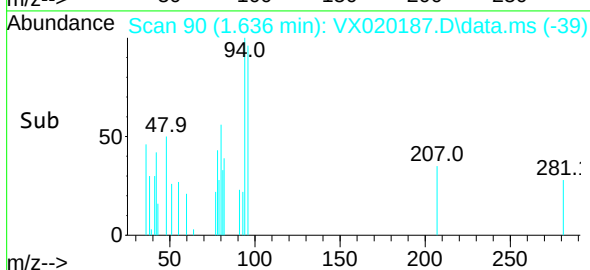
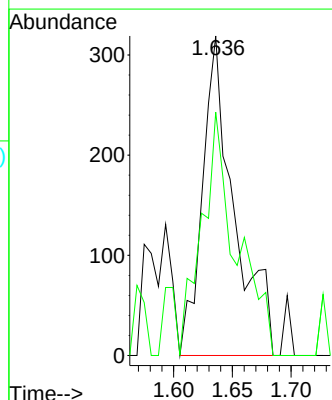
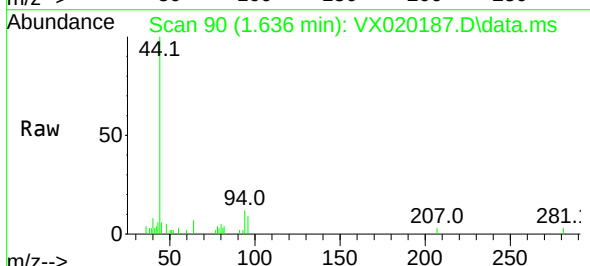
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5573(D)-121220

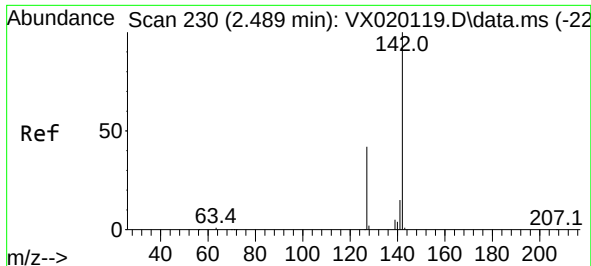
Tgt Ion: 62 Resp: 3939
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.7 38.5



#5
 Bromomethane
 Concen: 0.48 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26

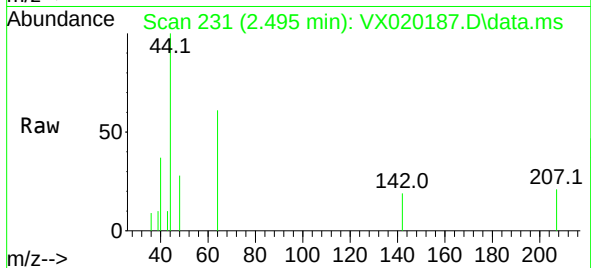
Tgt Ion: 94 Resp: 601
 Ion Ratio Lower Upper
 94 100
 96 76.2 76.4 114.6#



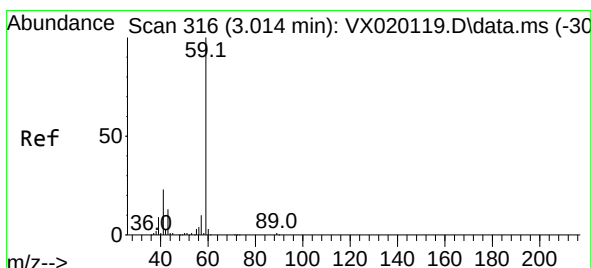
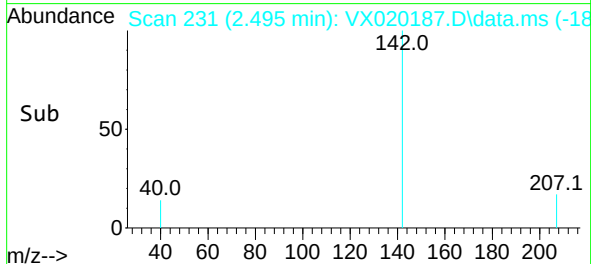
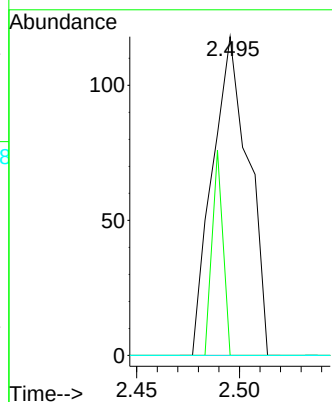


#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

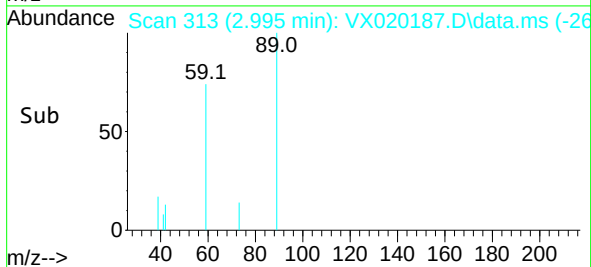
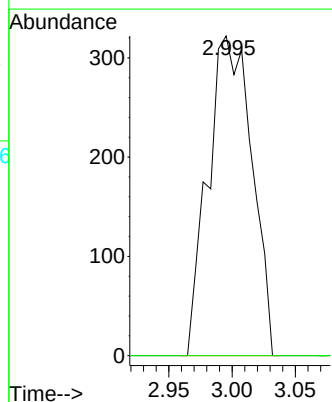
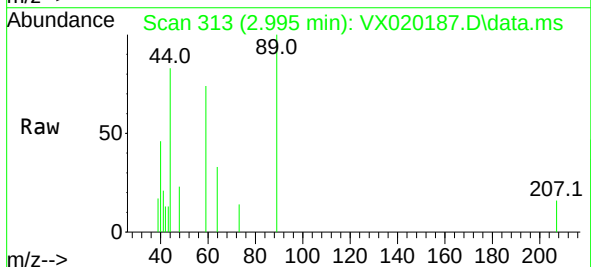


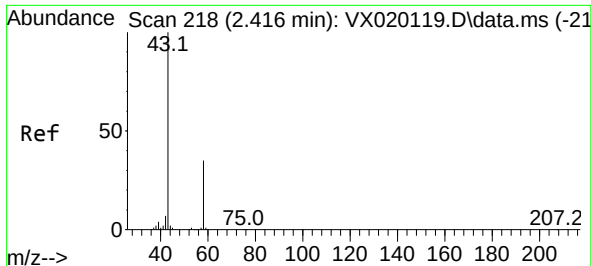
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 19.4 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.91 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion: 59 Resp: 778
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

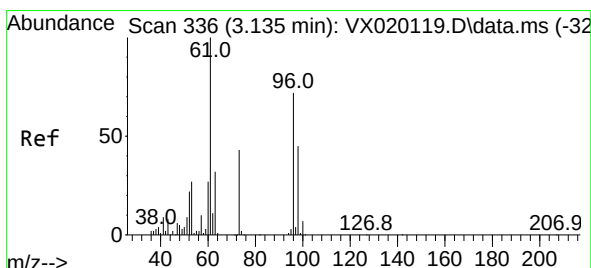
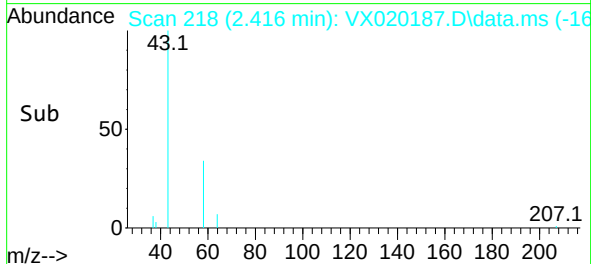
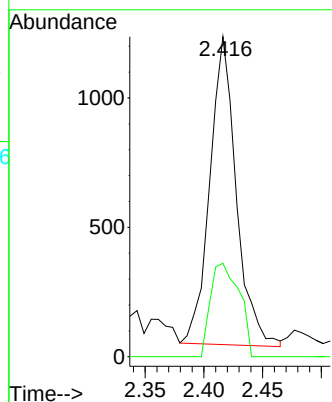
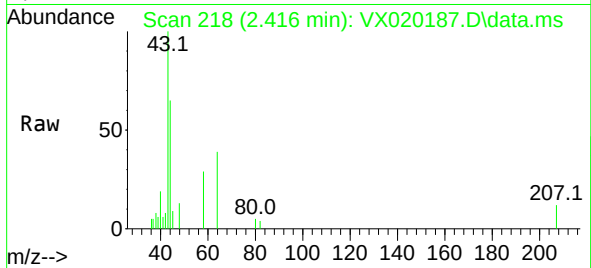




#16
Acetone
Concen: 1.07 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

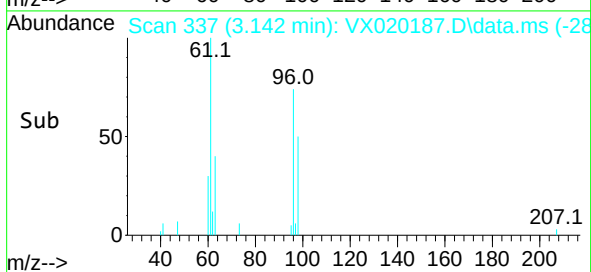
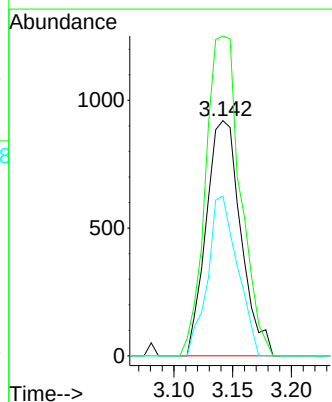
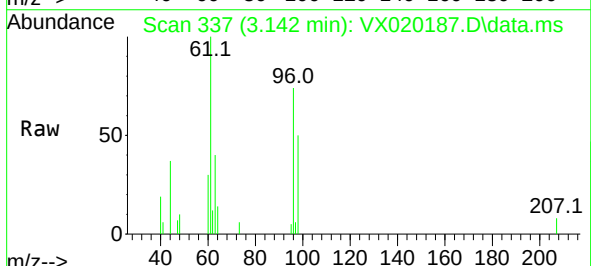
Instrument :
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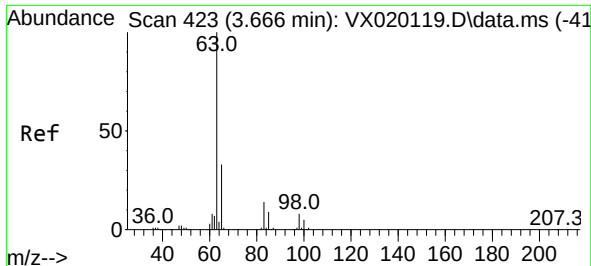
Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.53 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

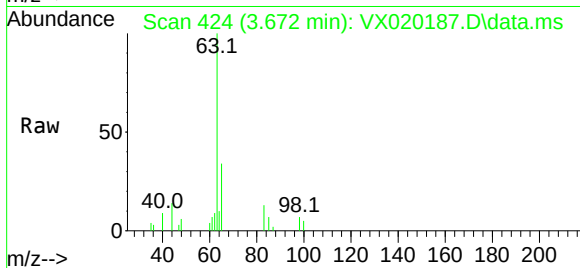
Tgt Ion: 96 Resp: 1888
Ion Ratio Lower Upper
96 100
61 135.9 107.7 161.5
98 67.9 50.4 75.6



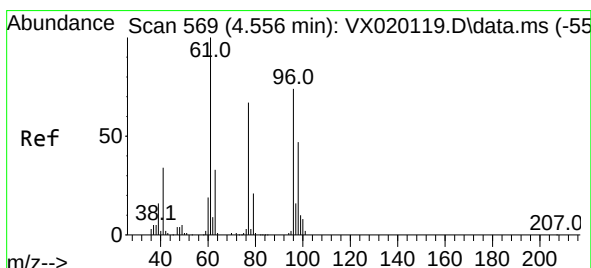
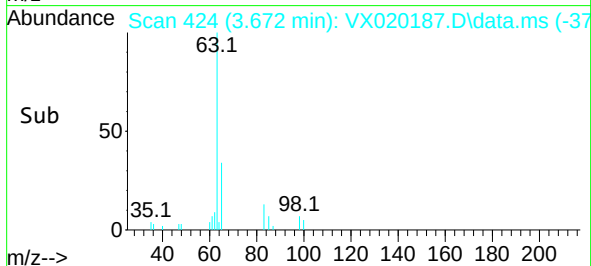
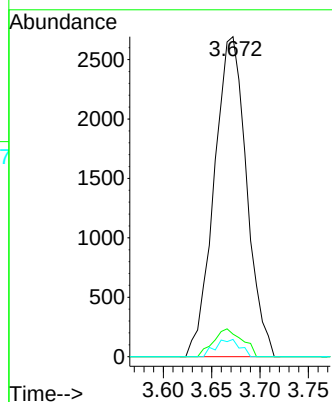


#24
1,1-Dichloroethane
Concen: 1.01 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

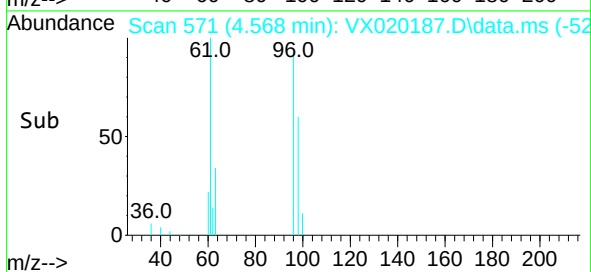
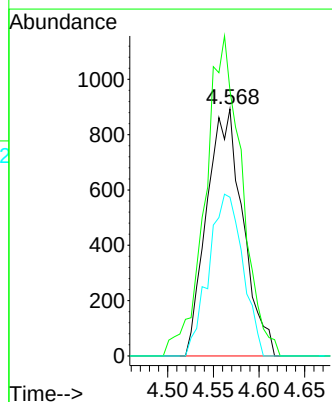
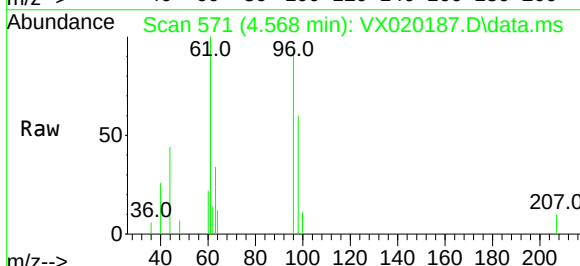


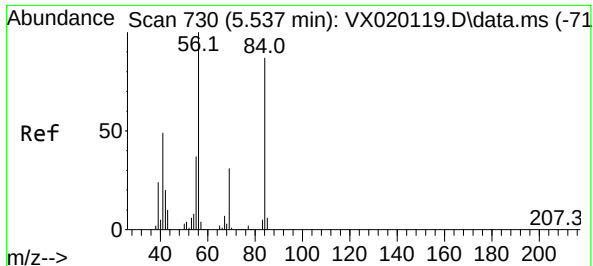
Tgt Ion: 63 Resp: 6265
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.2
100 5.4 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 0.61 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

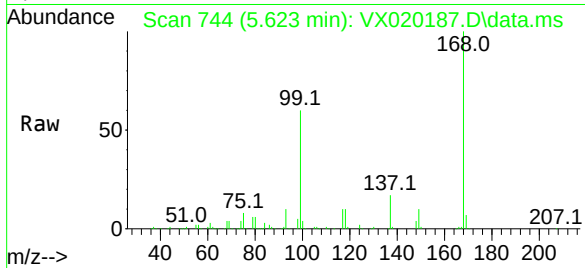
Tgt Ion: 96 Resp: 2455
Ion Ratio Lower Upper
96 100
61 131.0 0.0 285.6
98 61.8 0.0 129.6



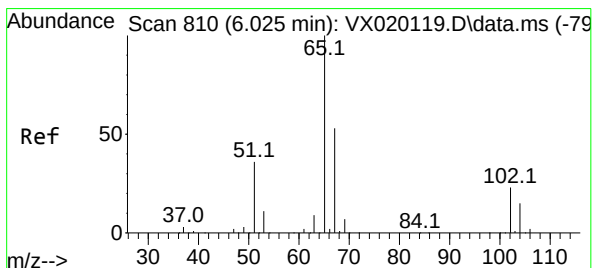
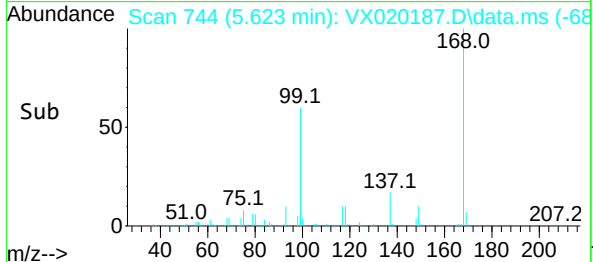
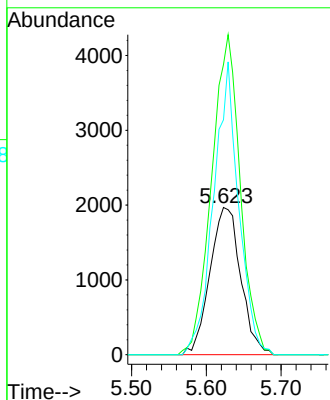


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Instrument :
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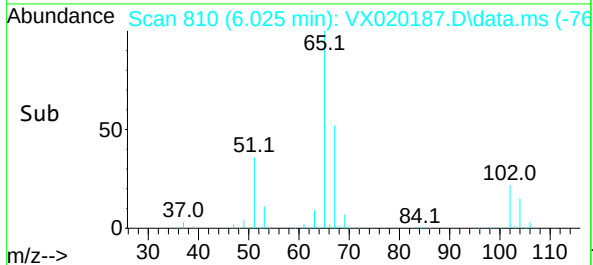
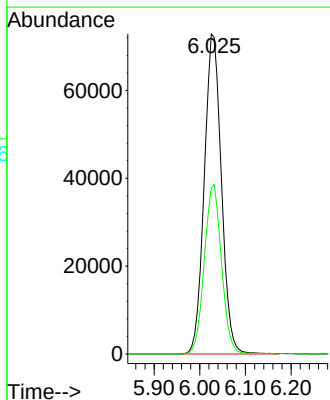
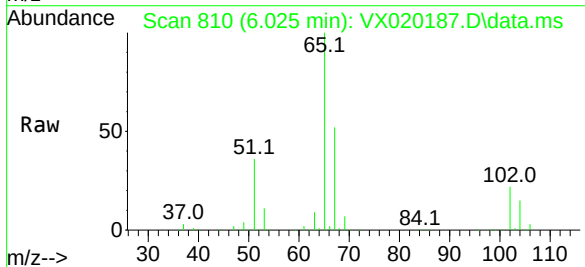


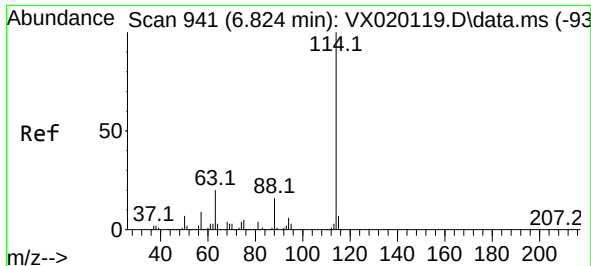
Tgt Ion: 56 Resp: 5640
Ion Ratio Lower Upper
56 100
69 197.0 25.3 37.9#
84 159.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.64 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion: 65 Resp: 190062
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

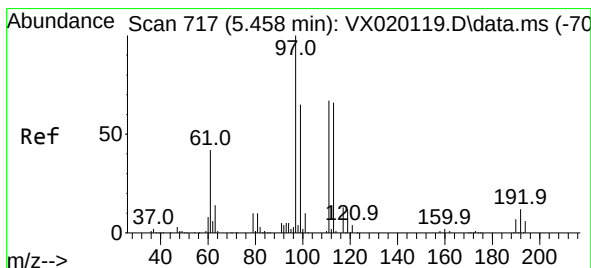
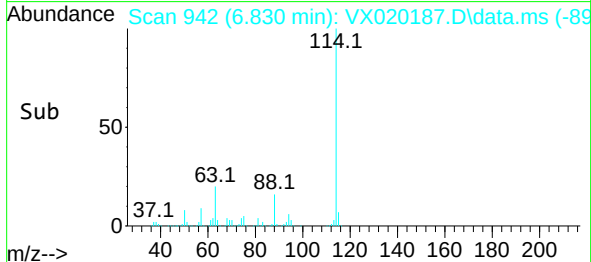
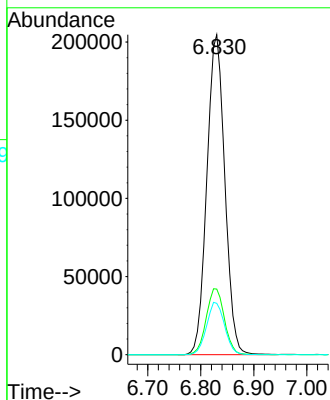
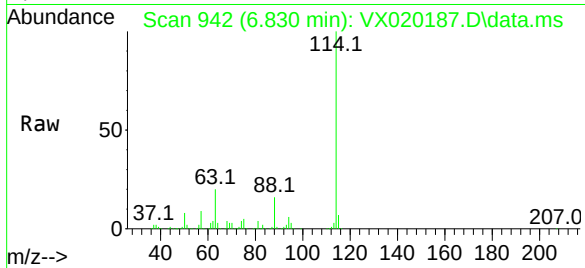




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

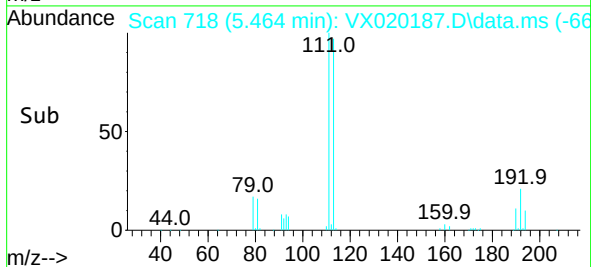
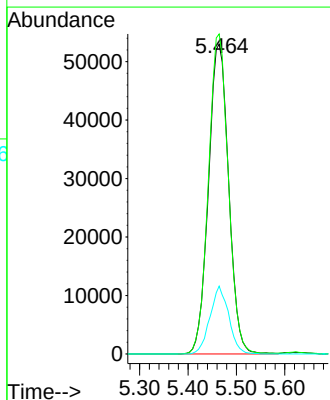
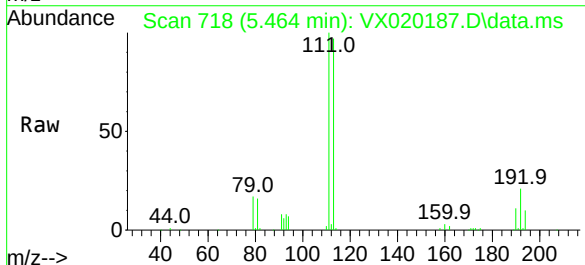
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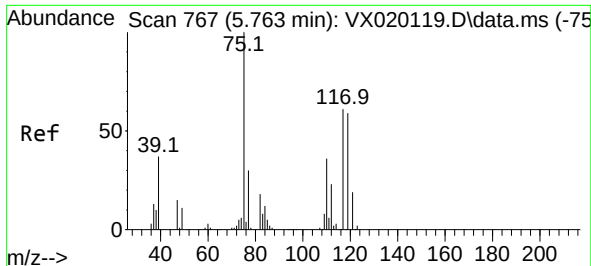
Tgt Ion:114 Resp: 481472
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.91 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

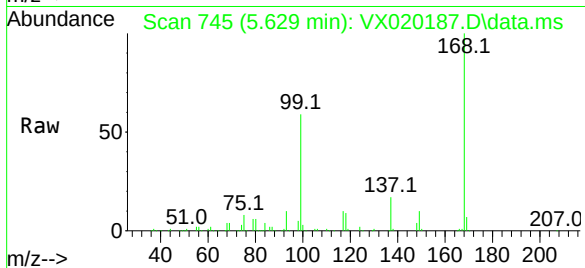
Tgt Ion:113 Resp: 153736
Ion Ratio Lower Upper
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111 101.6 81.9 122.9
192 20.3 16.7 25.1



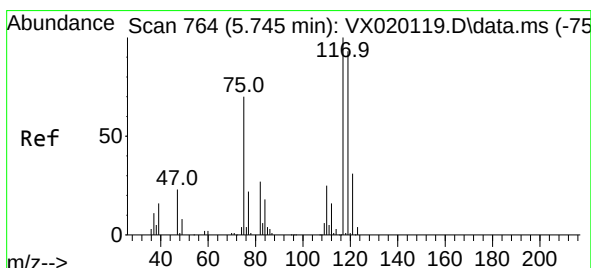
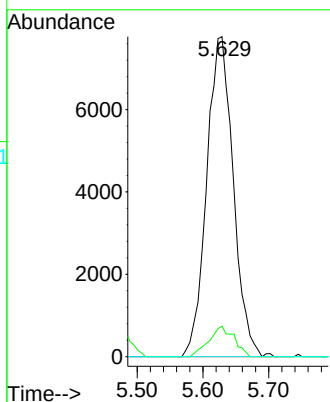
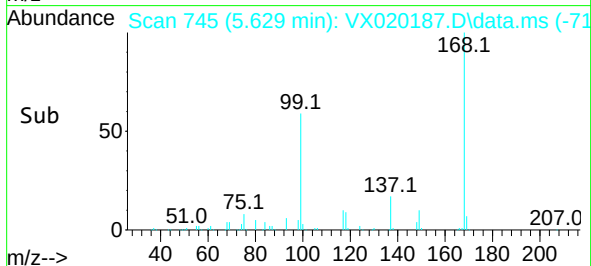


#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

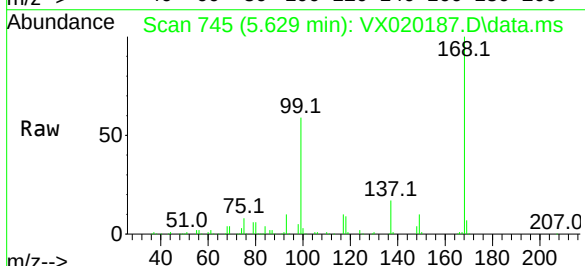
Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220



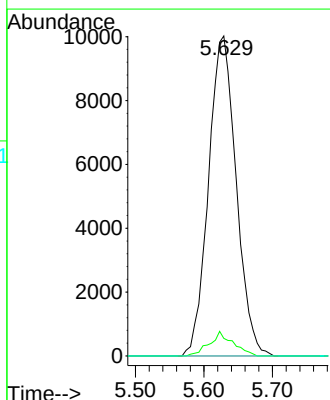
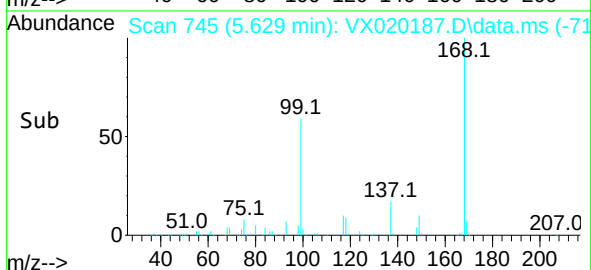
Tgt Ion: 75 Resp: 21820
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#

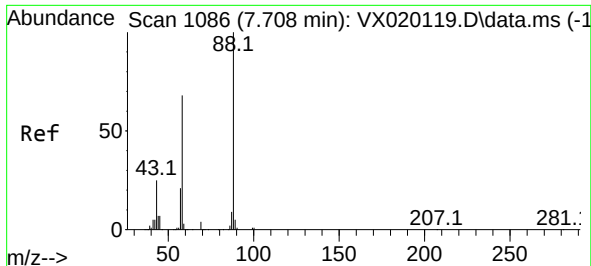


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26



Tgt Ion: 117 Resp: 28148
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

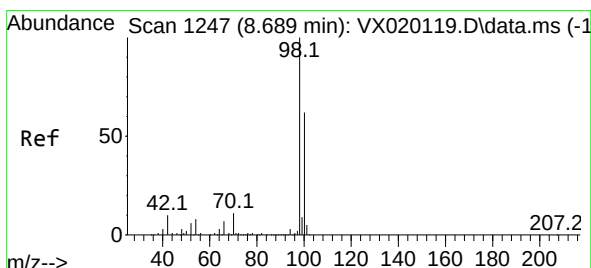
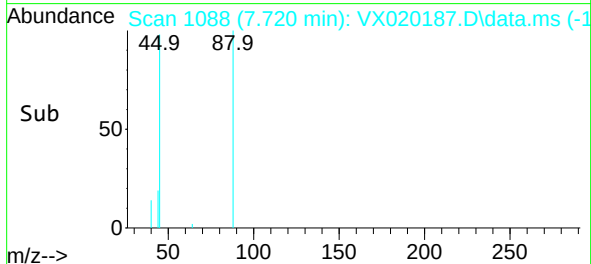
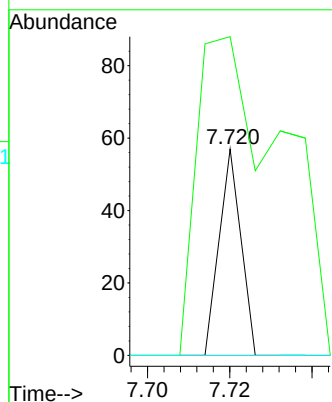
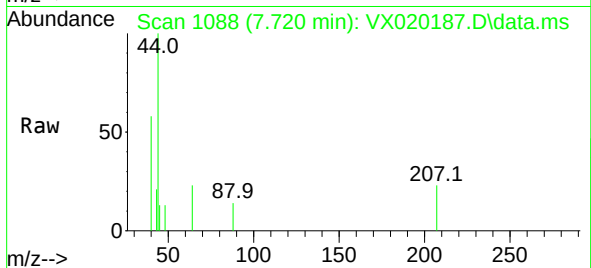




#49
1,4-Dioxane
Concen: 0.23 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

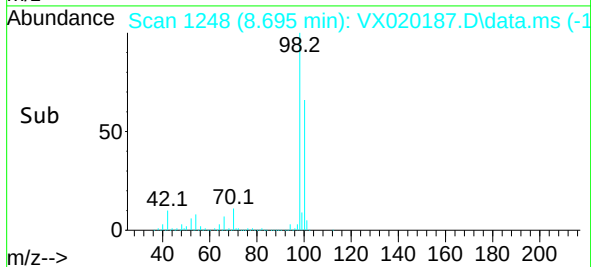
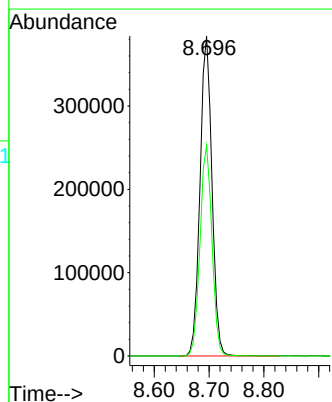
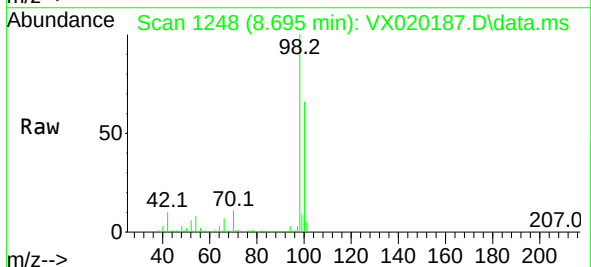
Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

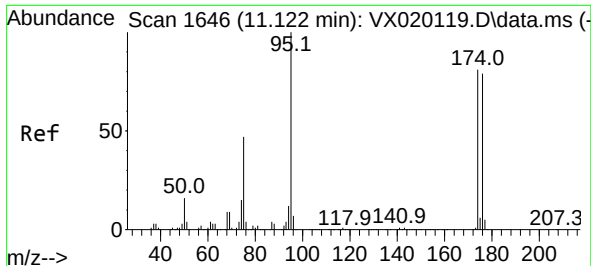
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 604.8 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion: 98 Resp: 581686
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

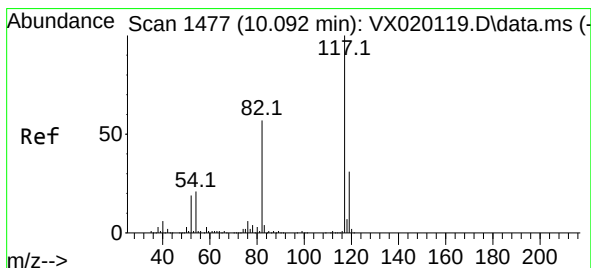
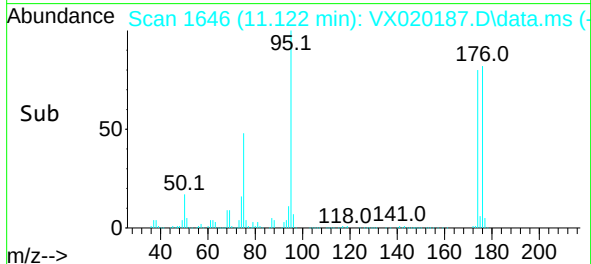
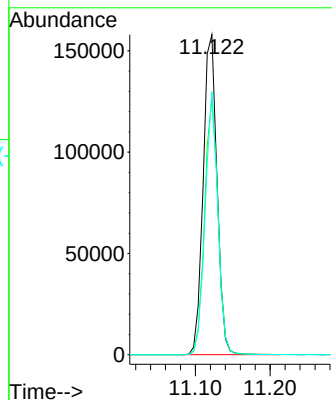
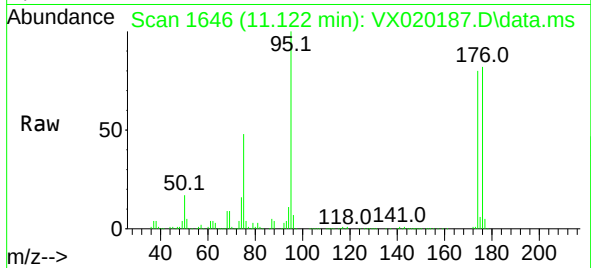




#62
4-Bromofluorobenzene
Concen: 44.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

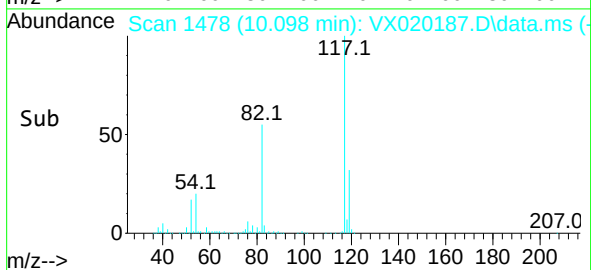
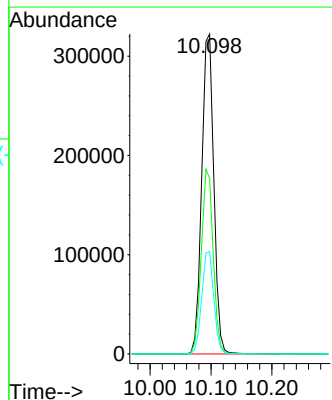
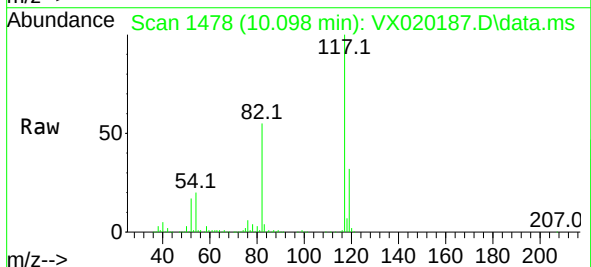
Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

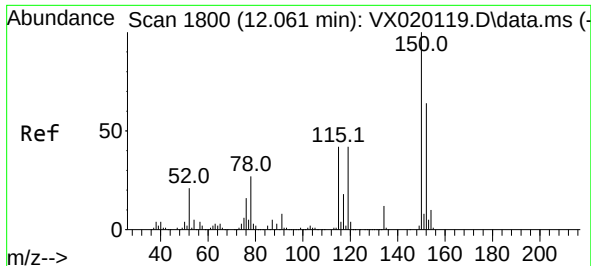
Tgt Ion: 95 Resp: 203160
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

Tgt Ion: 117 Resp: 443654
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 32.0 26.6 39.8

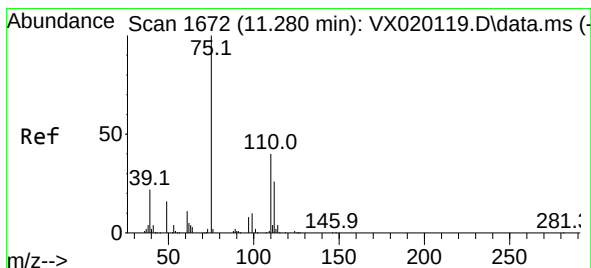
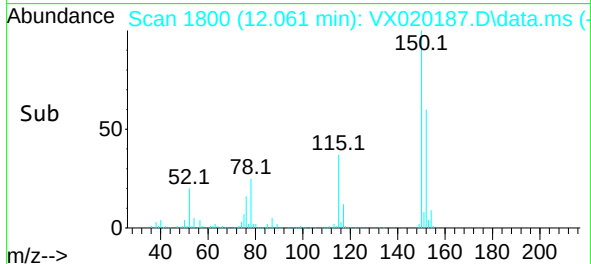
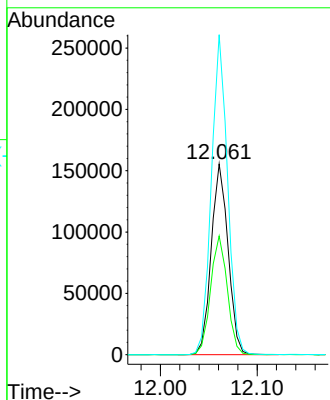
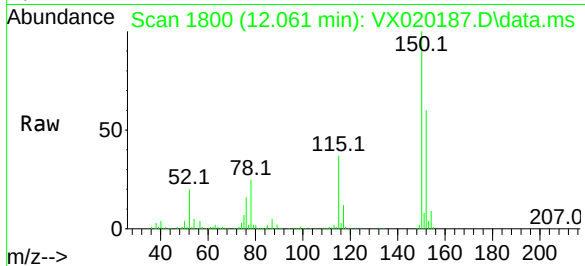




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

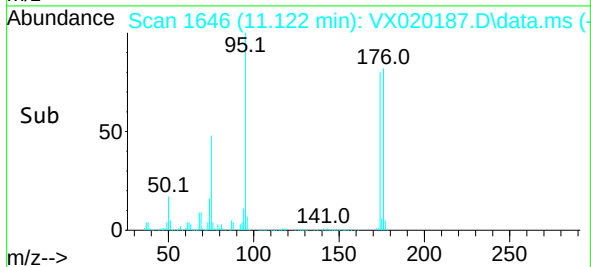
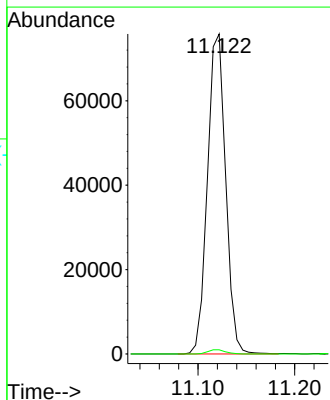
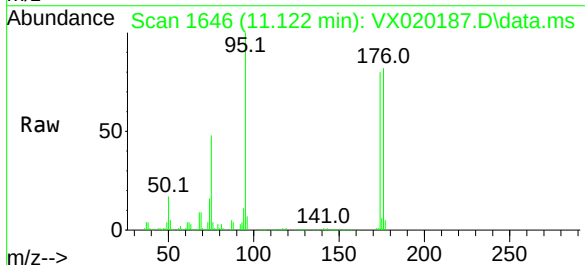
Instrument :
MSVOA_X
ClientSampleId :
49-5573(D)-121220

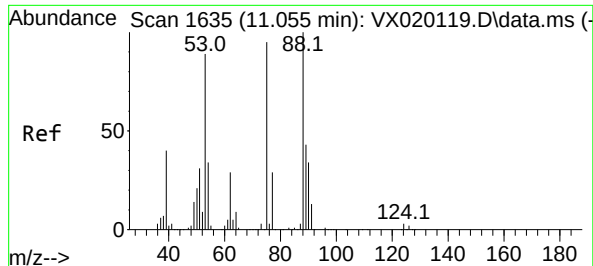
Tgt Ion:152 Resp: 188218
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 161.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020187.D
Acq: 19 Dec 2020 21:26

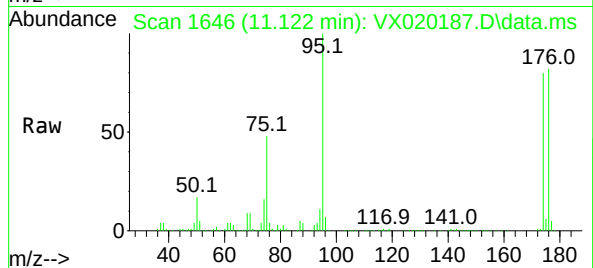
Tgt Ion: 75 Resp: 99271
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.52 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020187.D
 Acq: 19 Dec 2020 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5573(D)-121220



Tgt Ion: 75 Resp: 99271
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

