

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020317.D
 Acq On : 22 Dec 2020 21:20
 Operator : JC/MD
 Sample : VX1222WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBL02

Quant Time: Dec 23 00:36:52 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)

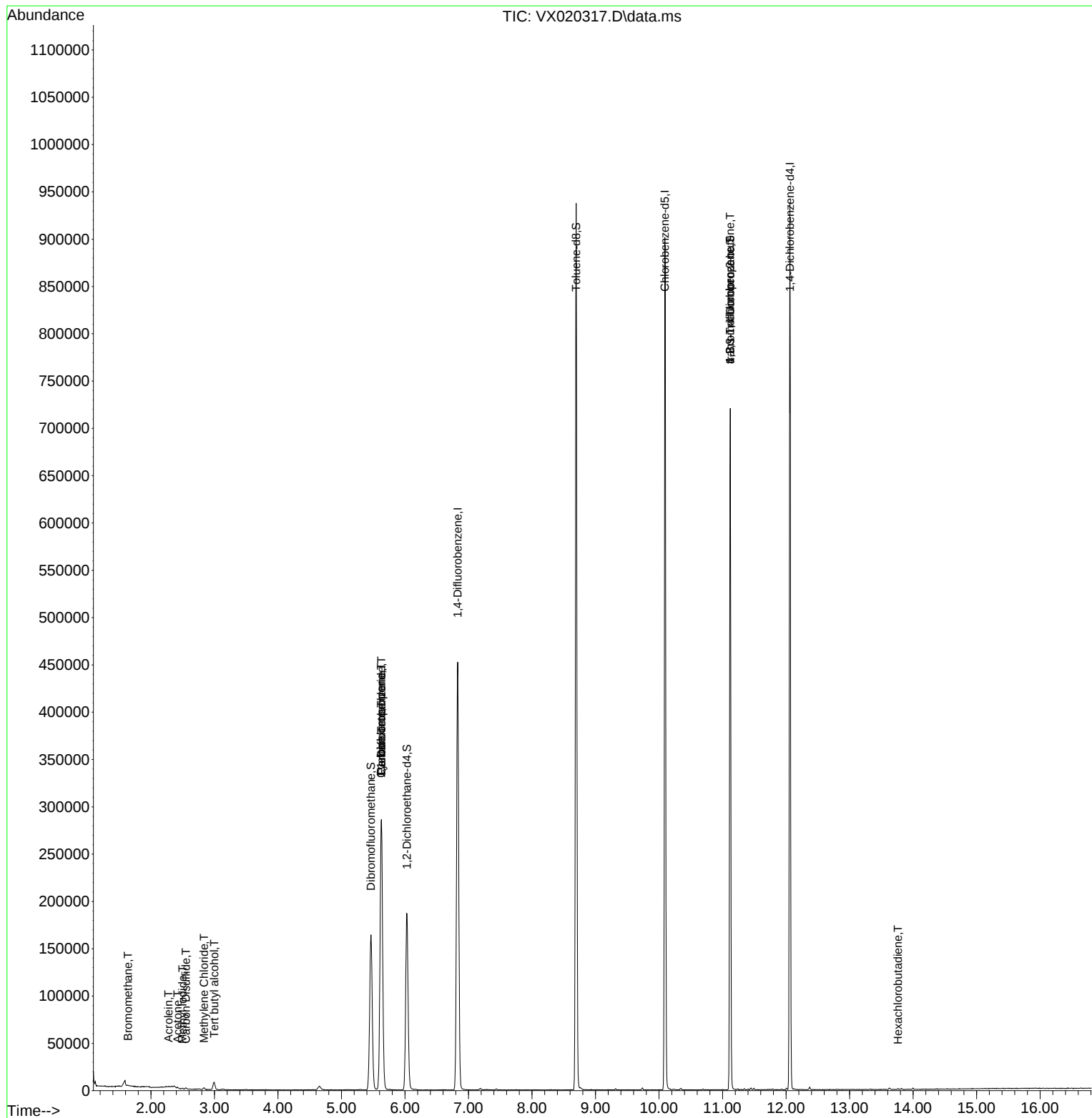
Internal Standards						
1) Pentafluorobenzene	5.629	168	276744	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	463535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	420770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	187655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	178571	48.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.28%		
35) Dibromofluoromethane	5.464	113	144210	48.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.26%		
50) Toluene-d8	8.696	98	558680	48.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.90%		
62) 4-Bromofluorobenzene	11.122	95	198509	45.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.88%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	796	0.65	ug/l #	78
10) Methyl Iodide	2.495	142	1014	3.54	ug/l #	91
11) Tert butyl alcohol	2.995	59	4869	5.86	ug/l #	73
13) Acrolein	2.276	56	145	0.28	ug/l #	1
16) Acetone	2.416	43	1690	1.00	ug/l	88
17) Carbon Disulfide	2.550	76	1791	0.21	ug/l	100
20) Methylene Chloride	2.837	84	898	0.24	ug/l #	84
31) Cyclohexane	5.623	56	5306	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21317	4.65	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27369	6.28	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	97216	21.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97216	62.40	ug/l #	12
94) Hexachlorobutadiene	13.762	225	233	2.77	ug/l	73

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

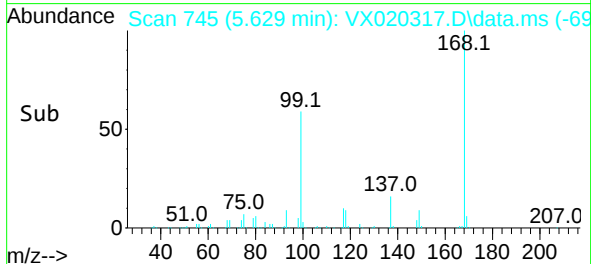
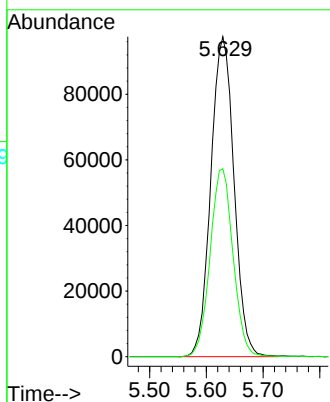
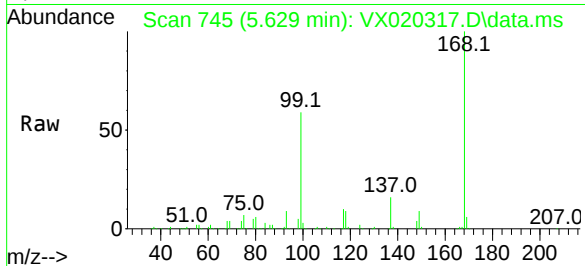




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

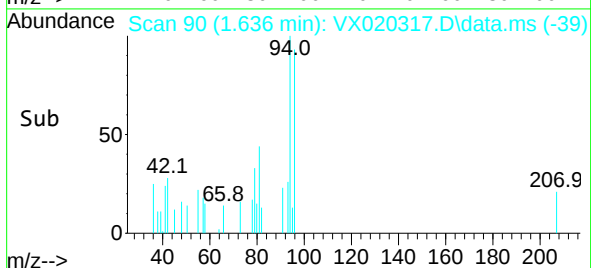
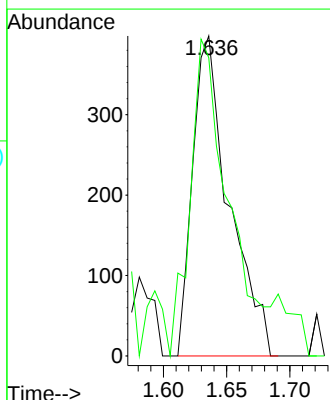
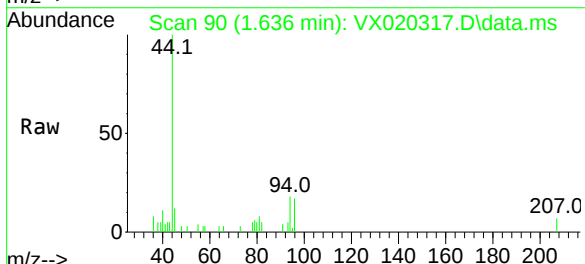
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

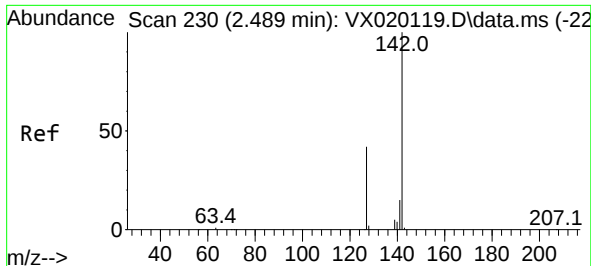
Tgt Ion:168 Resp: 276744
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: 0.65 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion: 94 Resp: 796
Ion Ratio Lower Upper
94 100
96 73.9 76.4 114.6#

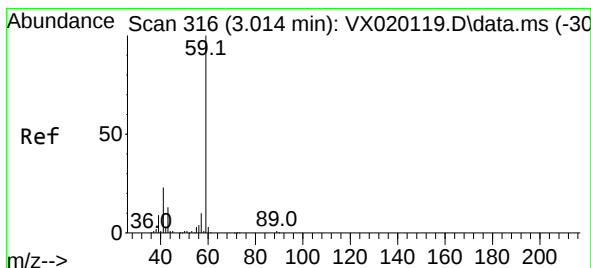
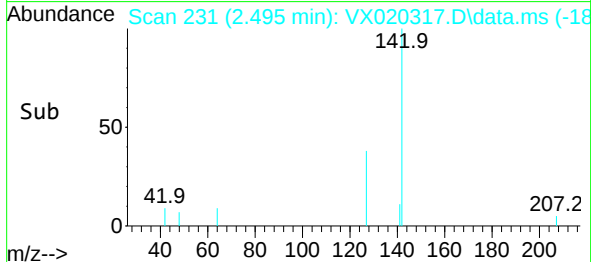
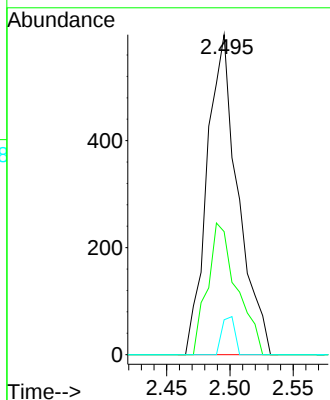
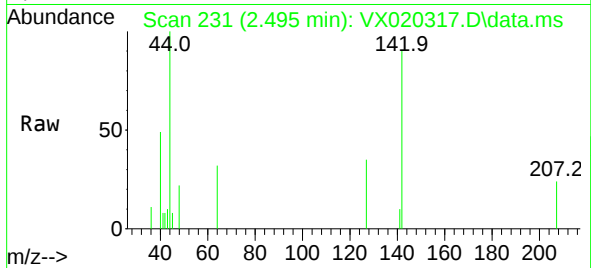




#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

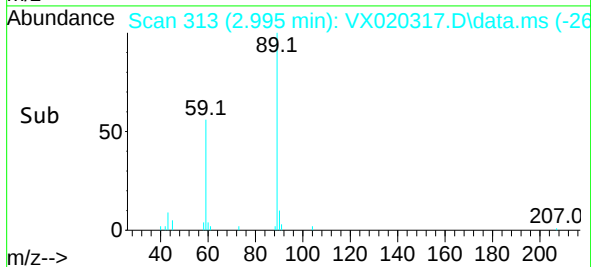
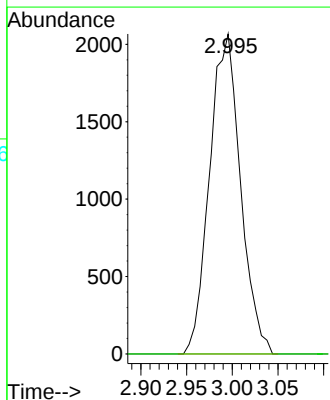
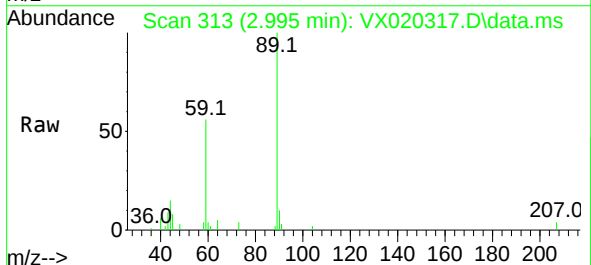
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

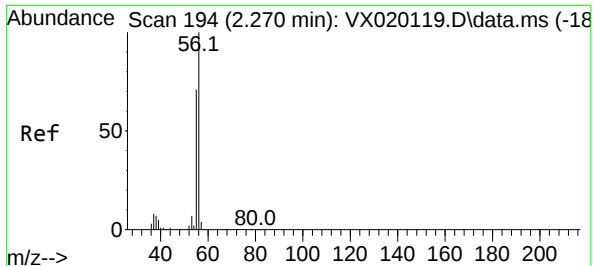
Tgt Ion:142 Resp: 1014
Ion Ratio Lower Upper
142 100
127 39.2 33.3 49.9
141 4.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.86 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion: 59 Resp: 4869
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

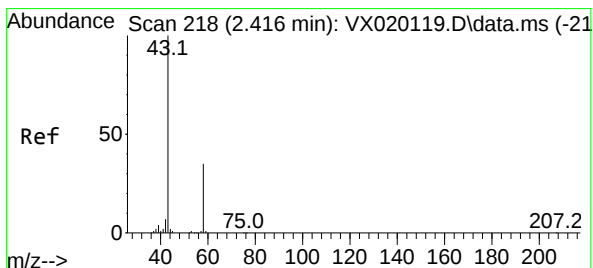
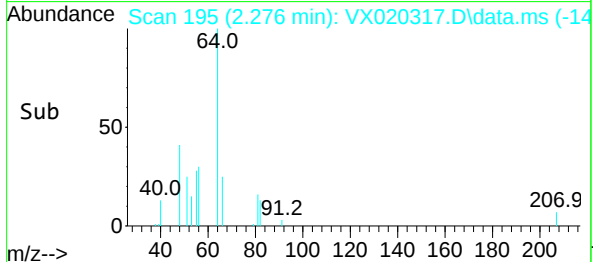
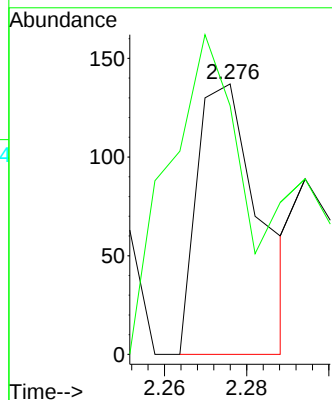
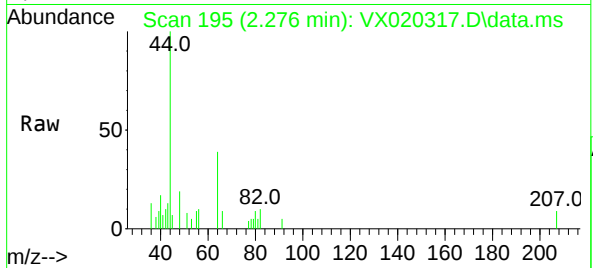




#13
Acrolein
Concen: 0.28 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

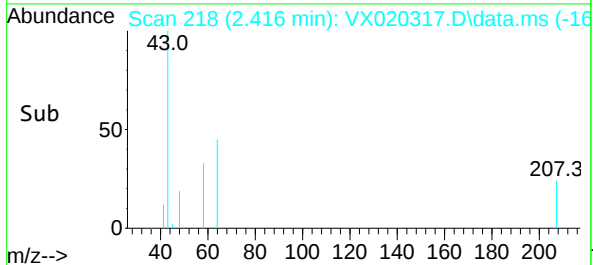
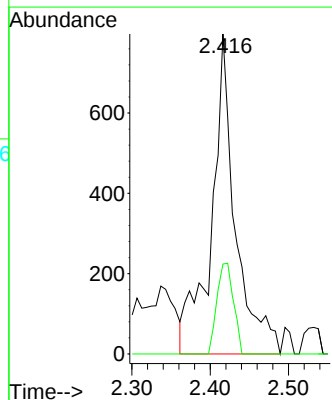
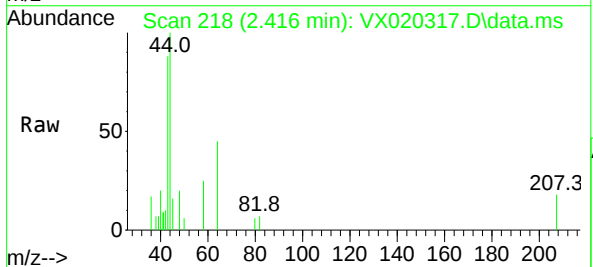
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

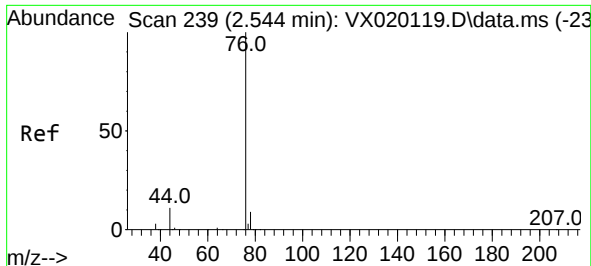
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 192.4 56.4 84.6#



#16
Acetone
Concen: 1.00 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8

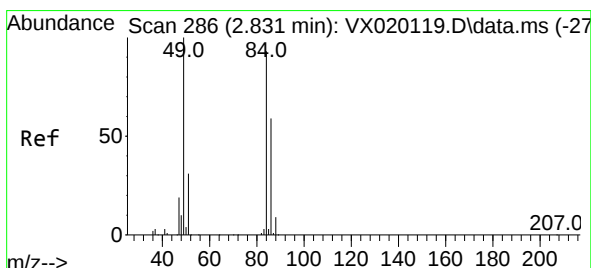
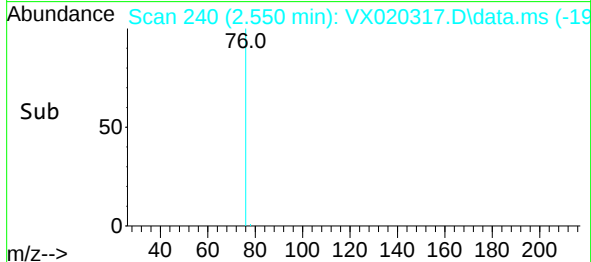
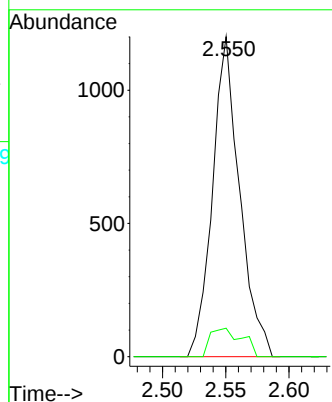
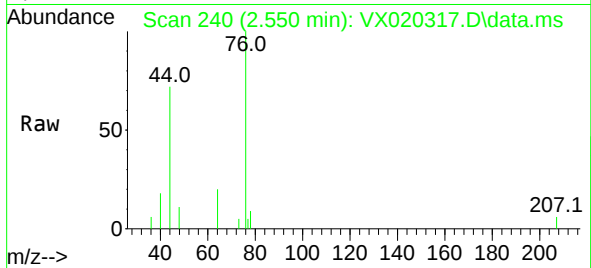




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

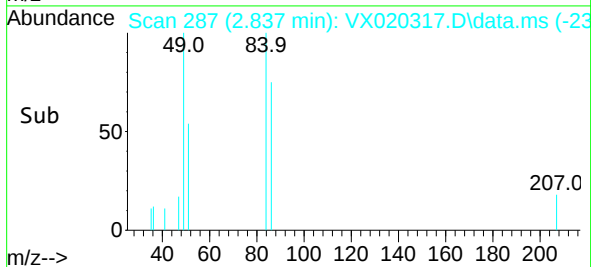
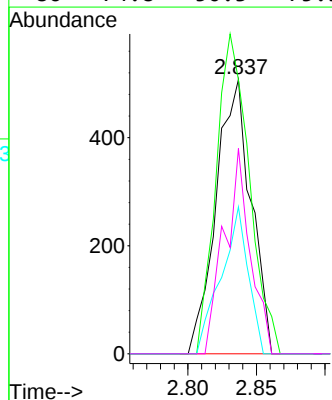
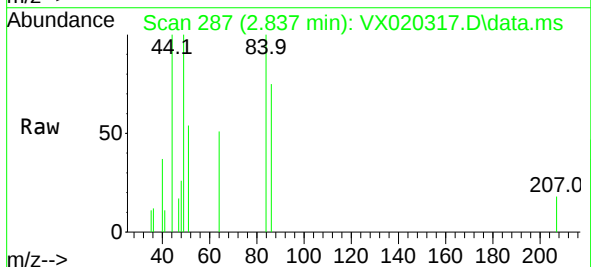
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

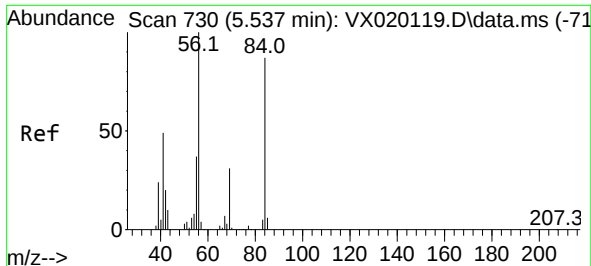
Tgt Ion: 76 Resp: 1791
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

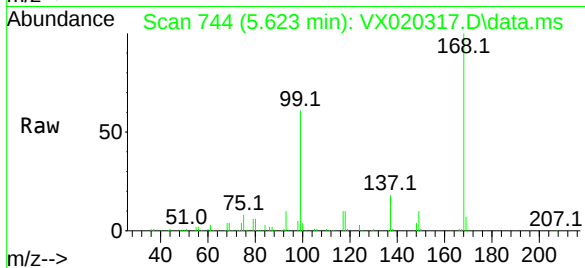
Tgt Ion: 84 Resp: 898
Ion Ratio Lower Upper
84 100
49 99.8 88.6 132.8
51 53.5 27.0 40.6#
86 74.8 50.3 75.5



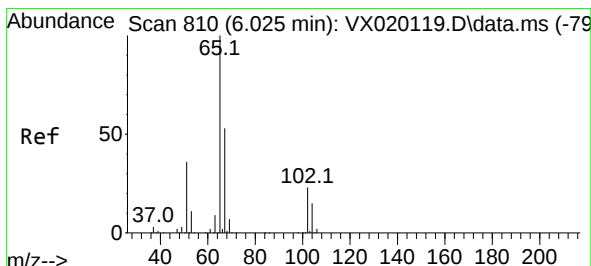
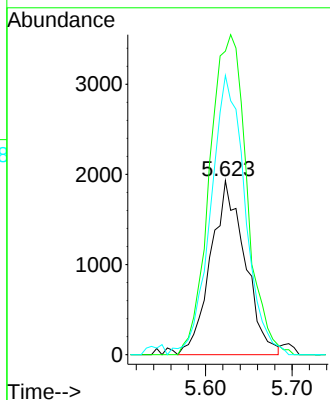
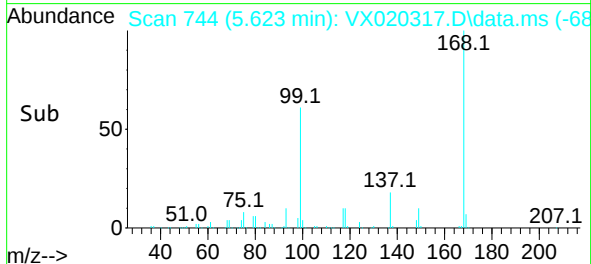


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

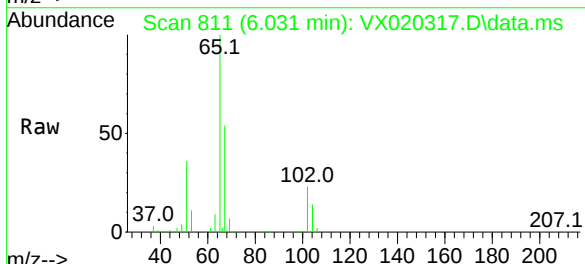
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ClientSampleId :
VX1222WBL02



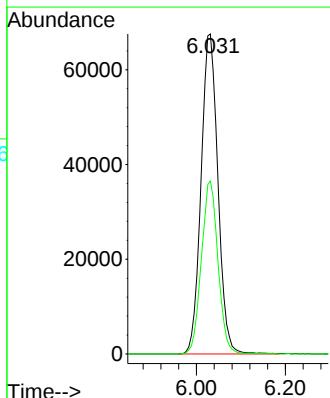
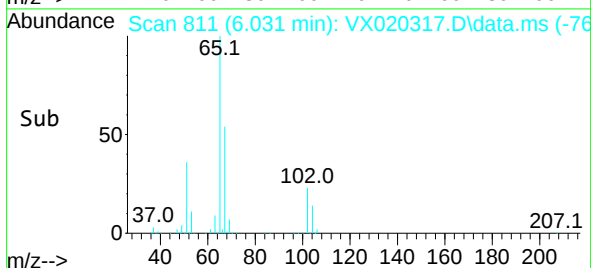
Tgt Ion: 56 Resp: 5306
Ion Ratio Lower Upper
56 100
69 174.6 25.3 37.9#
84 157.0 71.4 107.0#

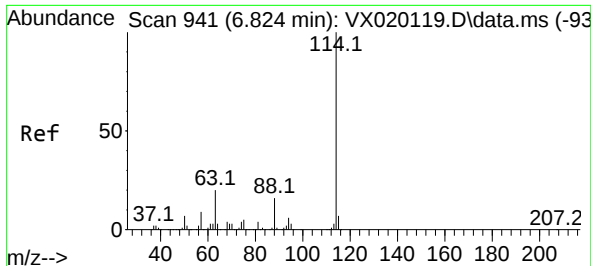


#33
1,2-Dichloroethane-d4
Concen: 48.14 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20



Tgt Ion: 65 Resp: 178571
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

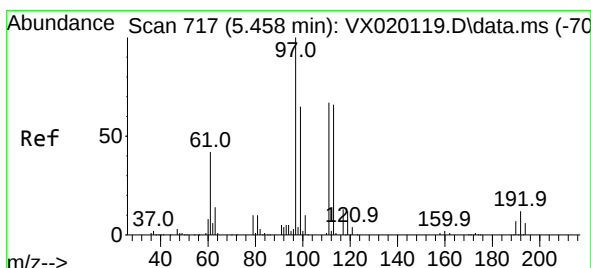
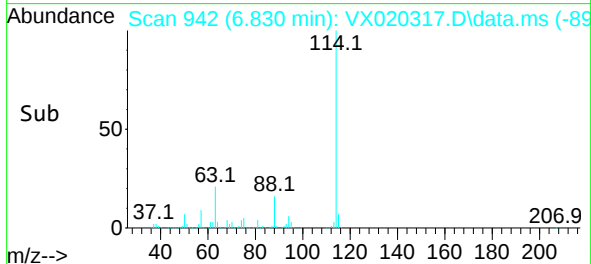
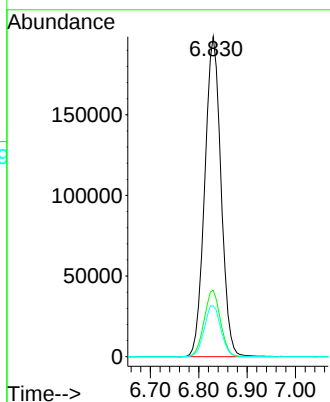
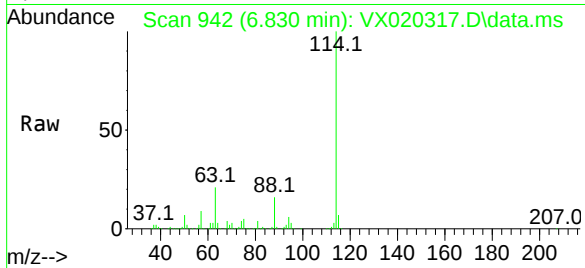




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

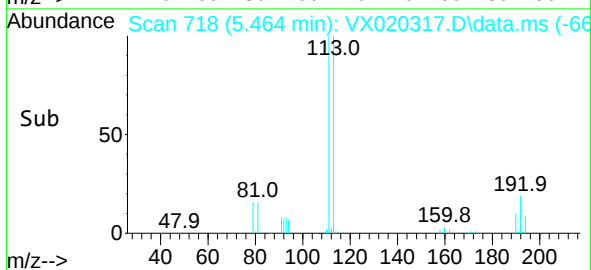
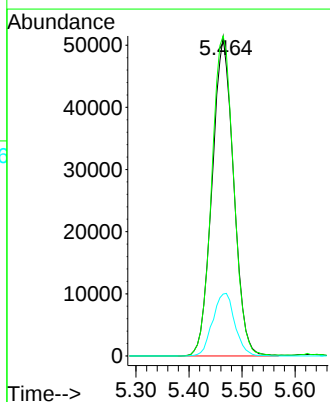
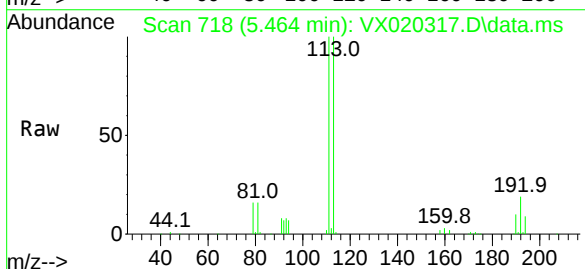
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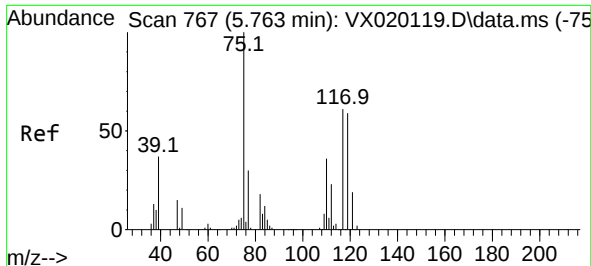
Tgt Ion:114 Resp: 463535
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.63 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion:113 Resp: 144210
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.65 ug/l

RT: 5.623 min Scan# 744

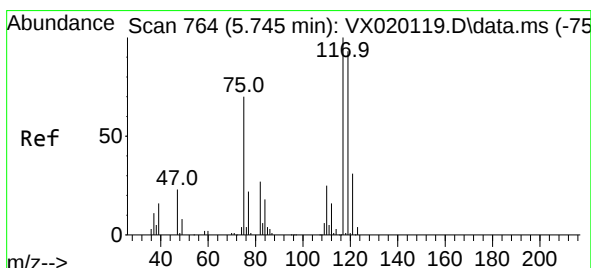
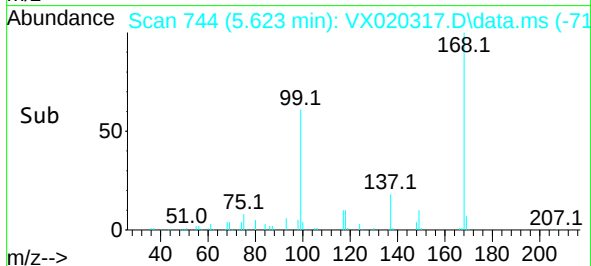
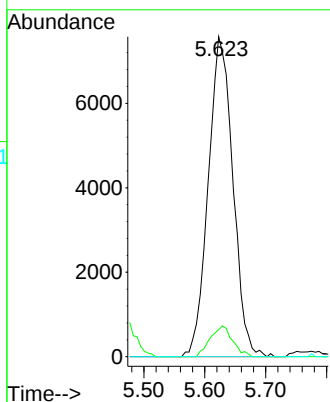
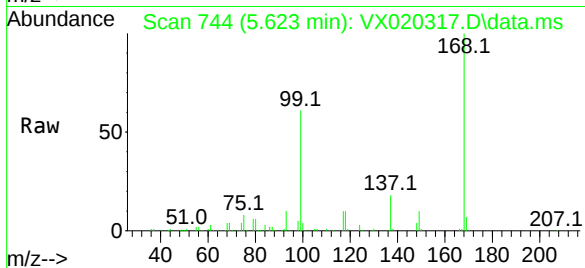
Delta R.T. -0.140 min

Lab File: VX020317.D

Acq: 22 Dec 2020 21:20

Tgt Ion:	75	Resp:	21317
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02



#38

Carbon Tetrachloride

Concen: 6.28 ug/l

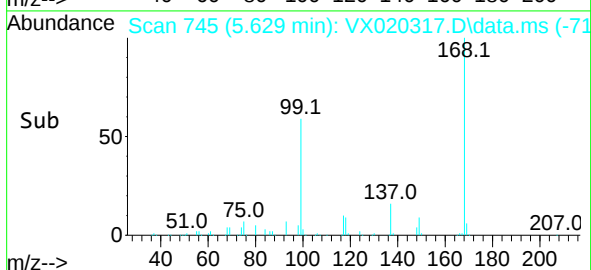
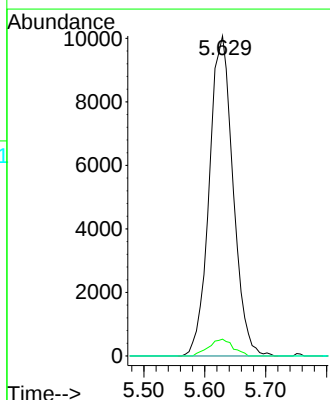
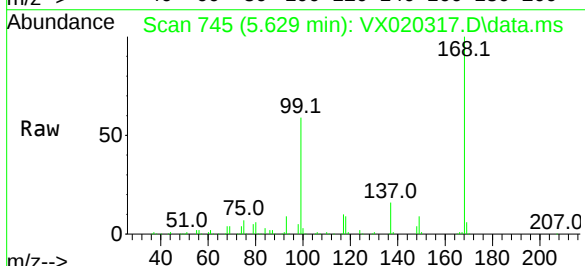
RT: 5.629 min Scan# 745

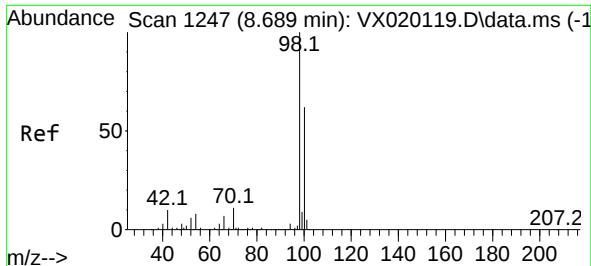
Delta R.T. -0.116 min

Lab File: VX020317.D

Acq: 22 Dec 2020 21:20

Tgt Ion:	117	Resp:	27369
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	24.8	37.2#

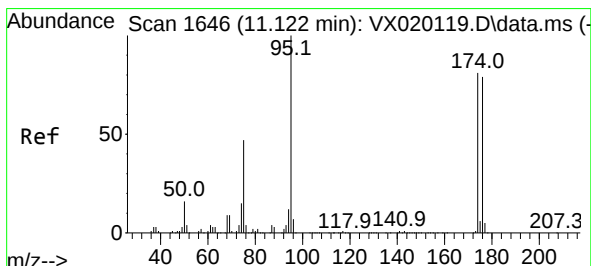
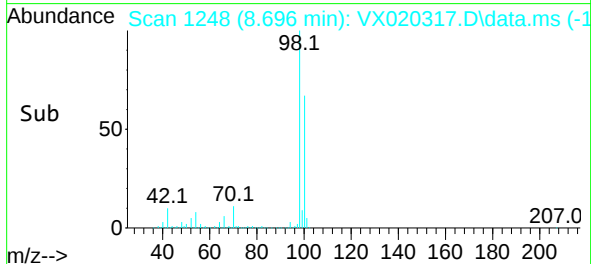
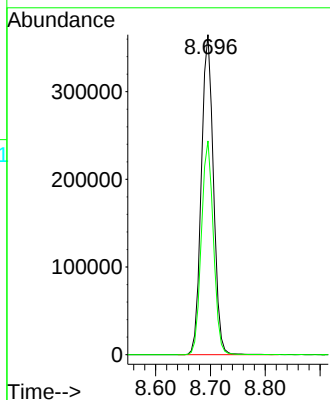
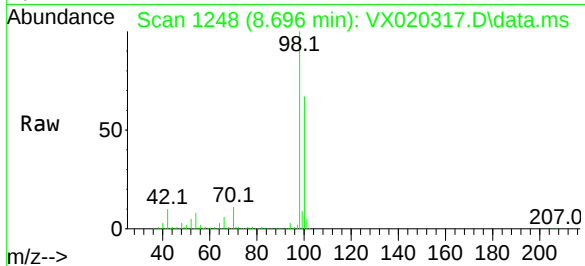




#50
Toluene-d8
Concen: 48.95 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

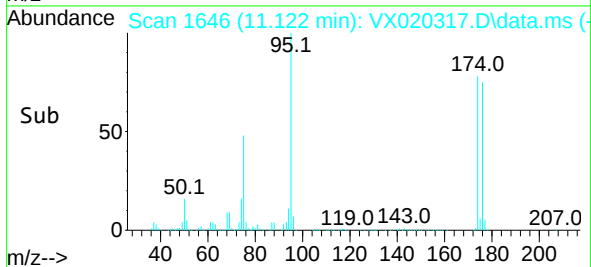
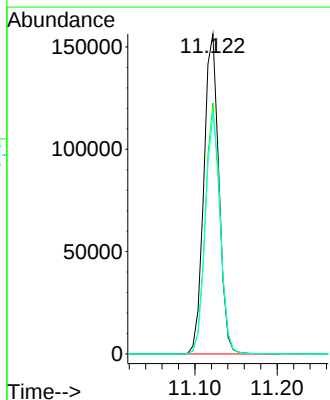
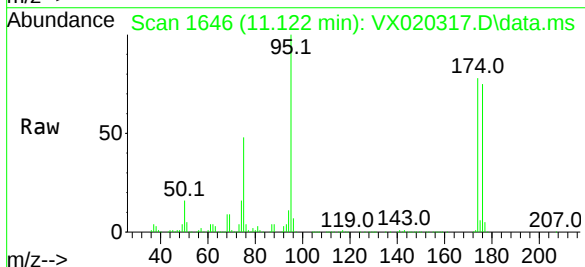
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

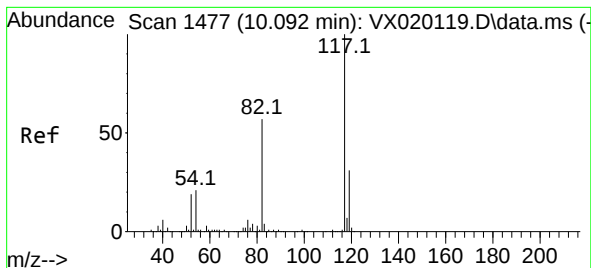
Tgt Ion: 98 Resp: 558680
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion: 95 Resp: 198509
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 75.1 0.0 155.8

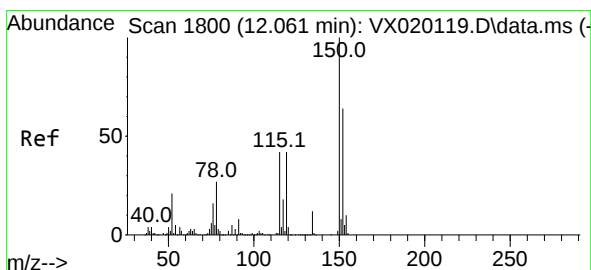
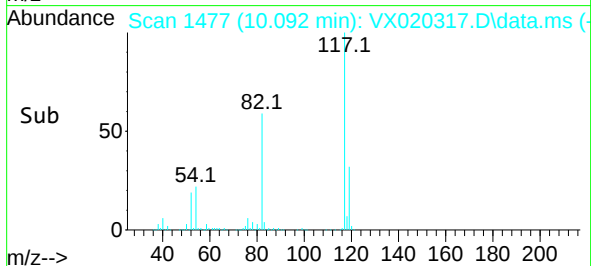
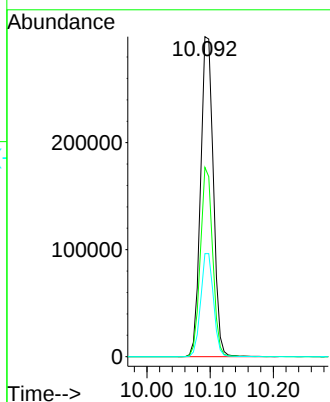
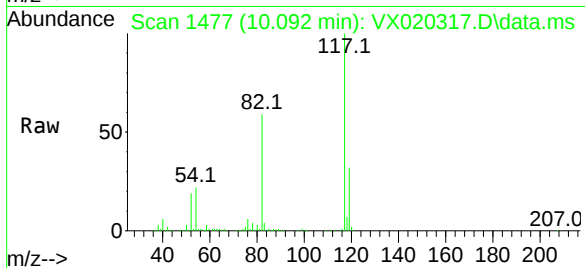




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

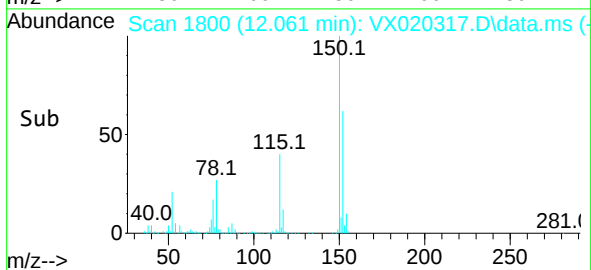
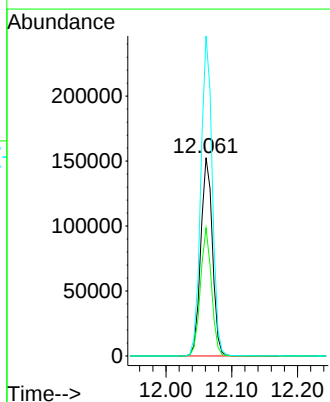
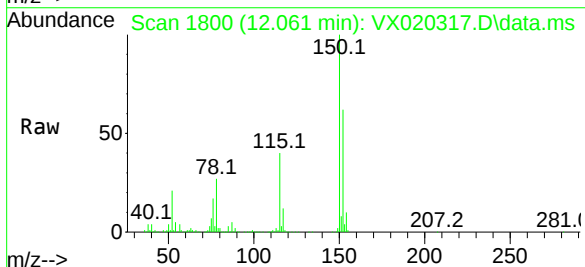
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

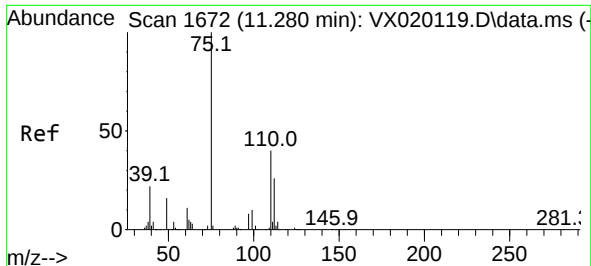
Tgt Ion:117 Resp: 420770
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion:152 Resp: 187655
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 157.2 0.0 349.0

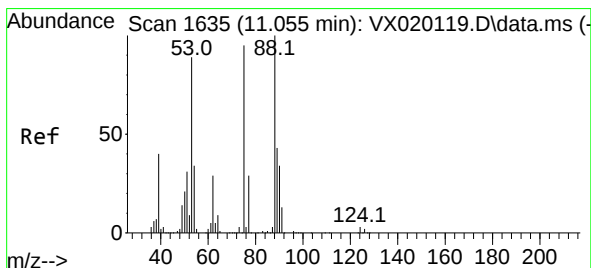
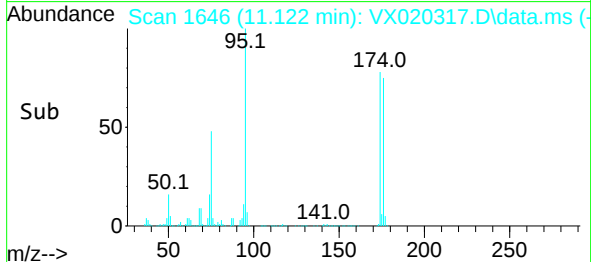
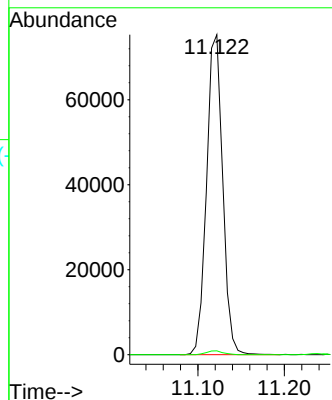
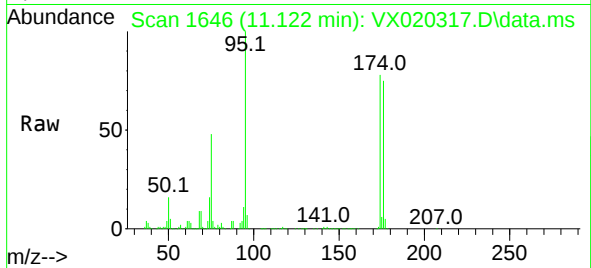




#76
1,2,3-Trichloropropane
Concen: 21.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

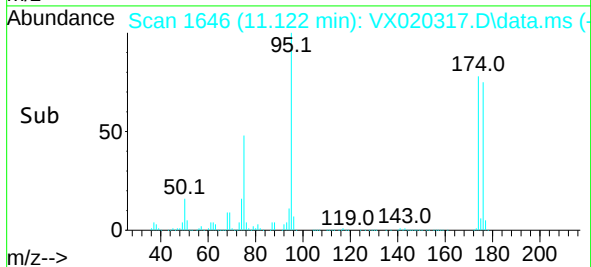
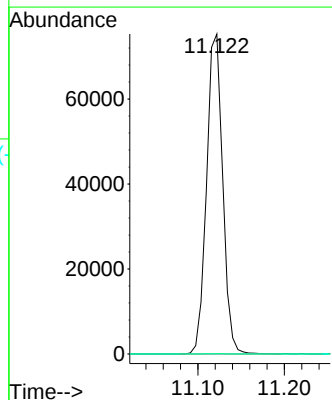
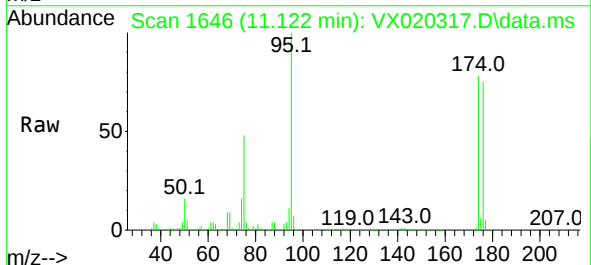
Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

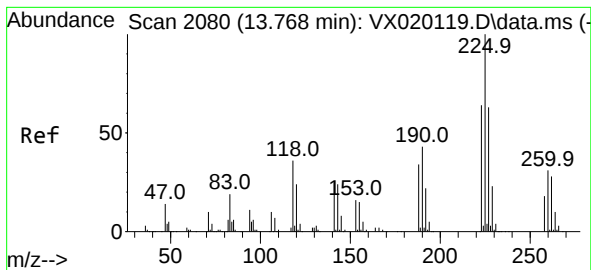
Tgt Ion: 75 Resp: 97216
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

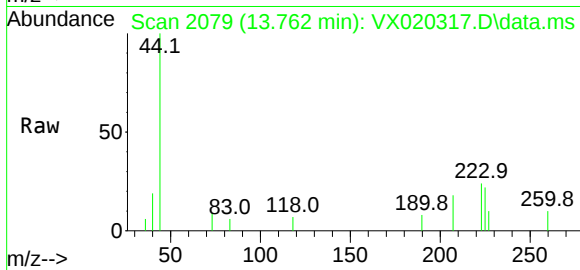
Tgt Ion: 75 Resp: 97216
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
Hexachlorobutadiene
Concen: 2.77 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02



Tgt Ion	Ratio	Lower	Upper
225	100		
223	81.5	31.1	93.2
227	40.8	31.6	95.0

