

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020360.D
 Acq On : 24 Dec 2020 00:27
 Operator : JC/MD
 Sample : L5094-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5564(D)-121320

Quant Time: Dec 24 05:34:33 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)

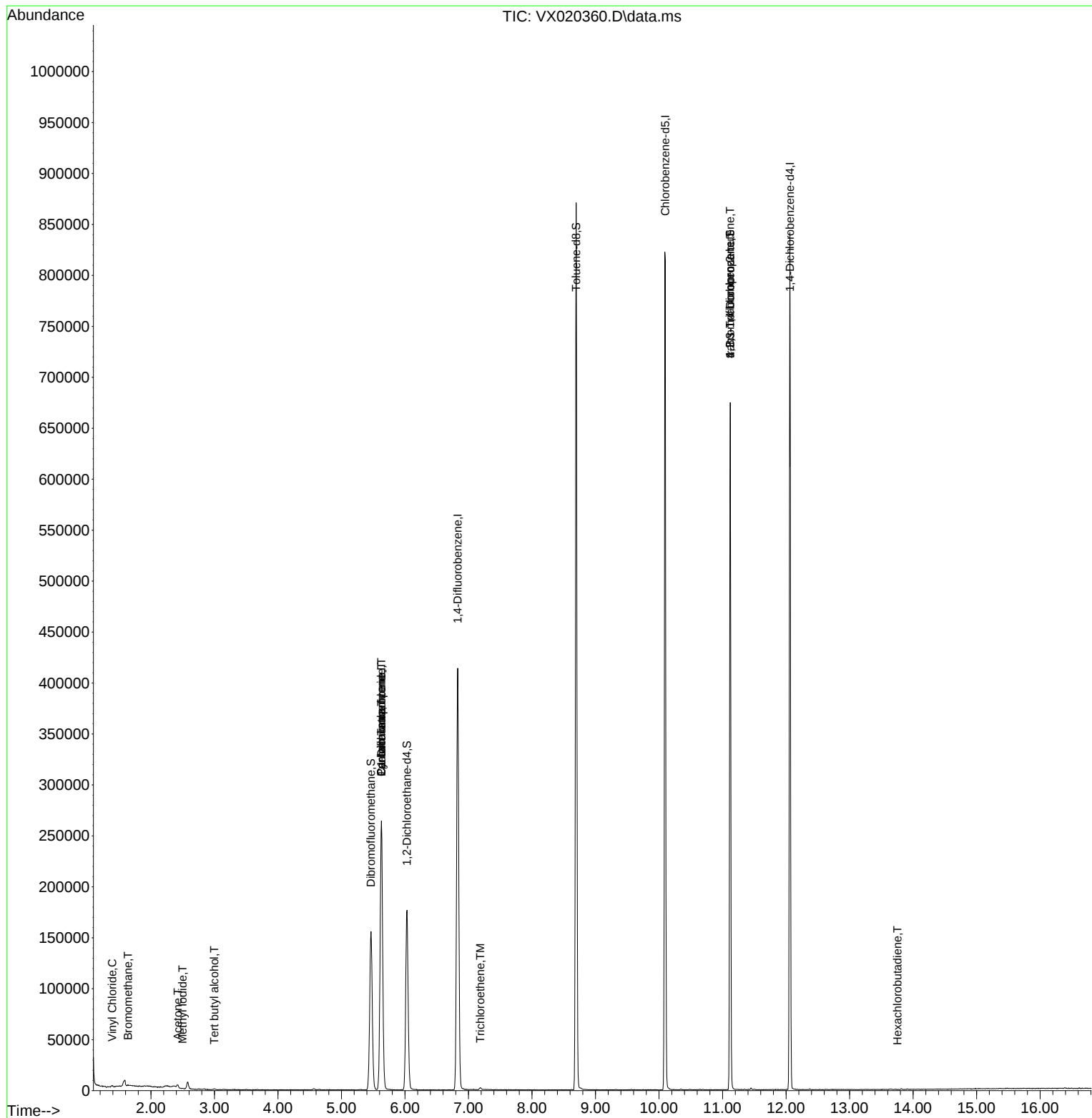
Internal Standards						
1) Pentafluorobenzene	5.629	168	248889	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	416673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	390364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	167551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	168039	50.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.74%			
35) Dibromofluoromethane	5.464	113	135962	51.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.02%			
50) Toluene-d8	8.695	98	507774	49.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.98%			
62) 4-Bromofluorobenzene	11.122	95	183362	46.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.38%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	797	0.23	ug/l	94
5) Bromomethane	1.636	94	539	0.49	ug/l #	38
10) Methyl Iodide	2.495	142	510	3.43	ug/l #	91
11) Tert butyl alcohol	2.995	59	657	0.88	ug/l #	82
16) Acetone	2.422	43	2521	1.66	ug/l #	86
31) Cyclohexane	5.629	56	5067	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19484	4.73	ug/l #	49
38) Carbon Tetrachloride	5.629	117	25056	6.40	ug/l #	17
44) Trichloroethene	7.184	130	798	0.24	ug/l	94
76) 1,2,3-Trichloropropane	11.122	75	87720	21.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87720	63.06	ug/l #	12
94) Hexachlorobutadiene	13.756	225	20	2.66	ug/l #	19

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

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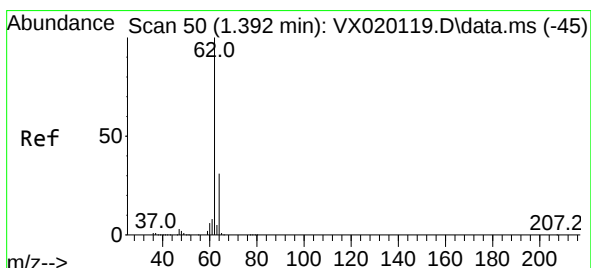
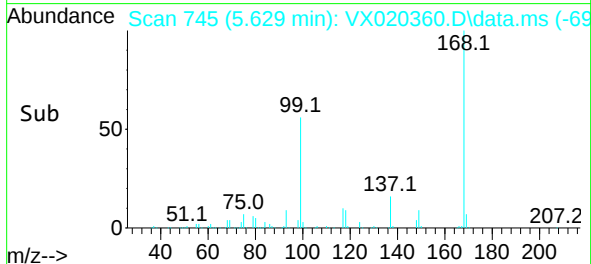
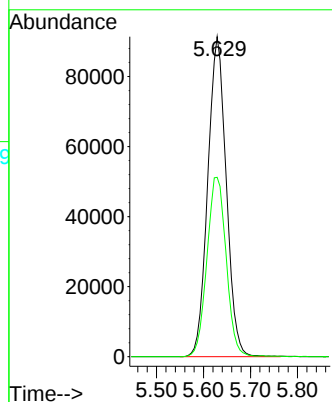
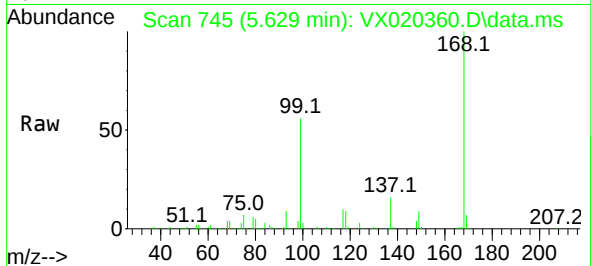




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

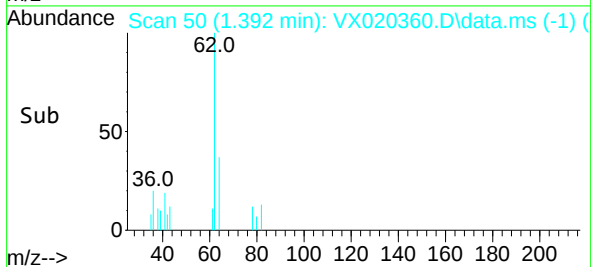
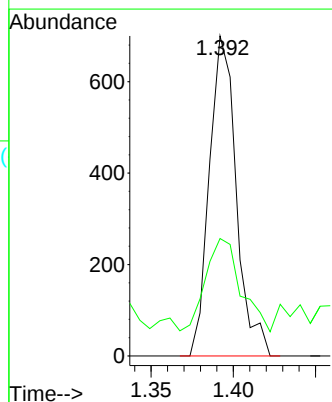
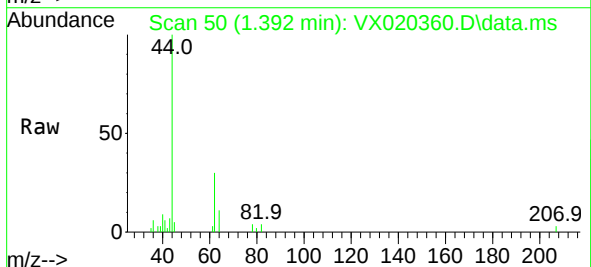
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

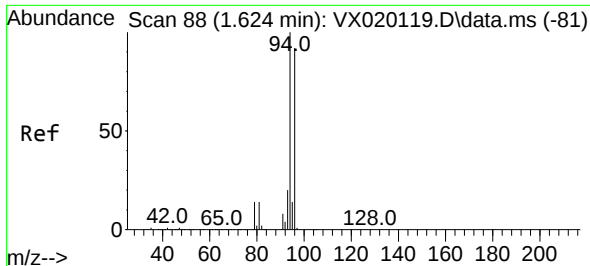
Tgt Ion:168 Resp: 248889
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#4
Vinyl Chloride
Concen: 0.23 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Tgt Ion: 62 Resp: 797
Ion Ratio Lower Upper
62 100
64 28.9 25.7 38.5

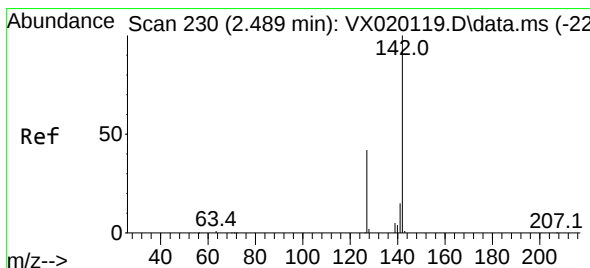
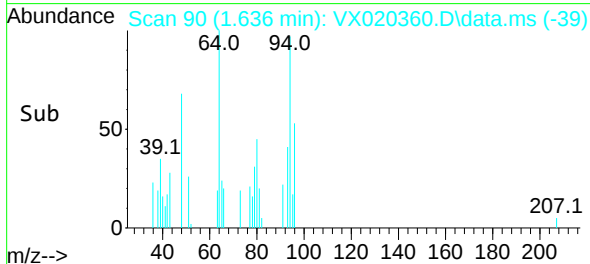
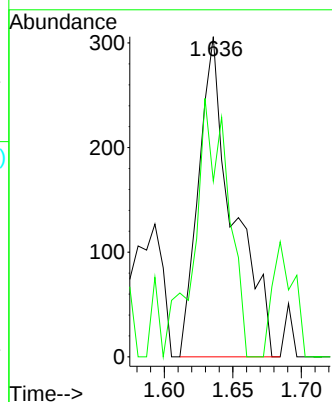
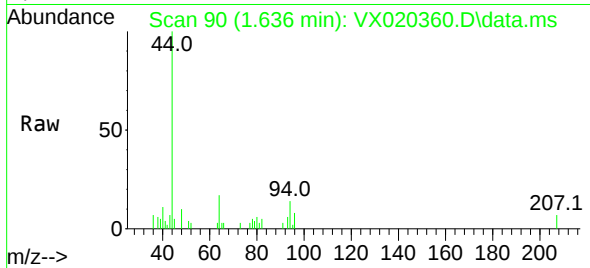




#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

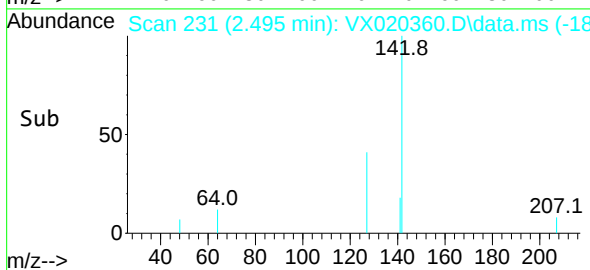
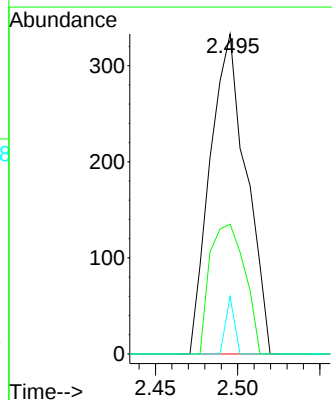
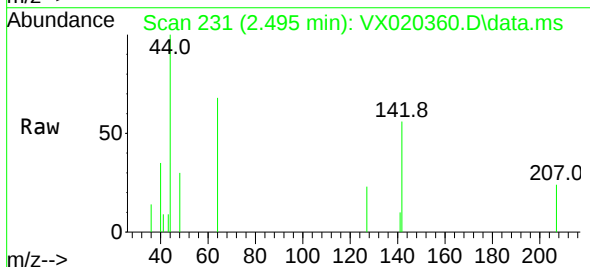
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

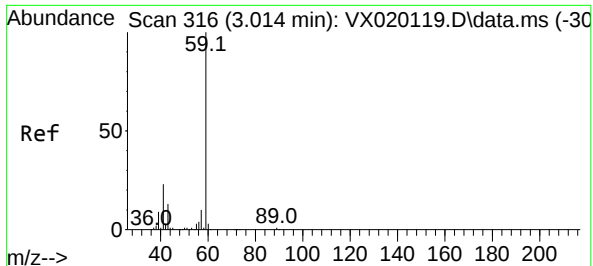
Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 35.0 76.4 114.6#



#10
Methyl Iodide
Concen: 3.43 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Tgt Ion: 142 Resp: 510
Ion Ratio Lower Upper
142 100
127 39.0 33.3 49.9
141 4.3 11.4 17.0#



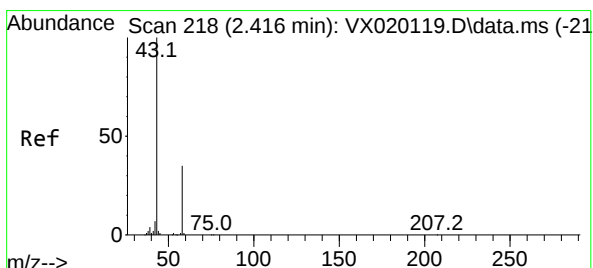
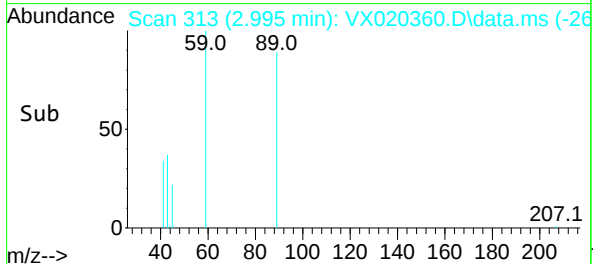
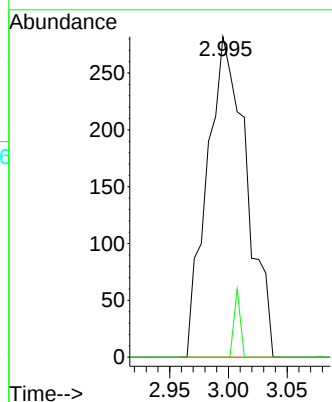
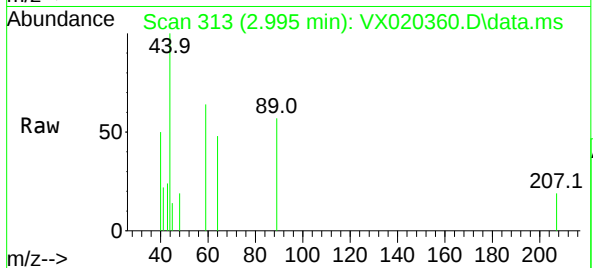


#11

Tert butyl alcohol
Concen: 0.88 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

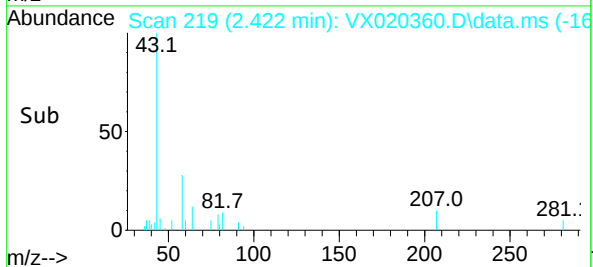
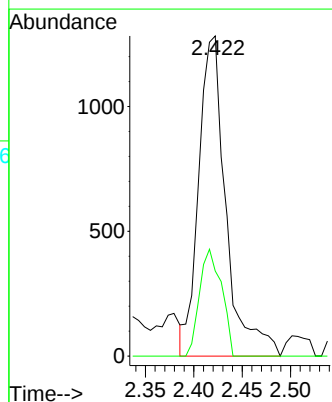
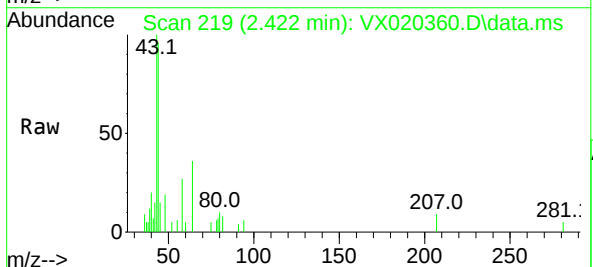
Tgt Ion: 59 Resp: 657
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.8#

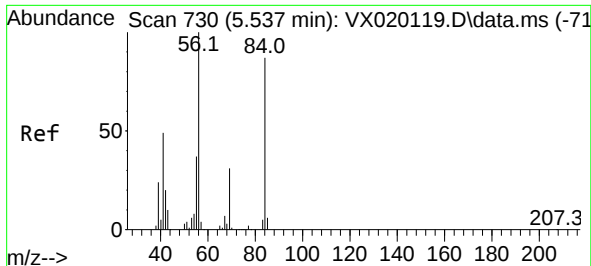


#16

Acetone
Concen: 1.66 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

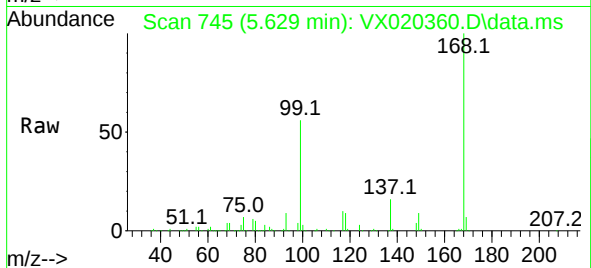
Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#



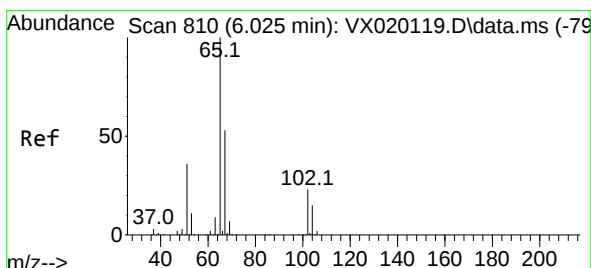
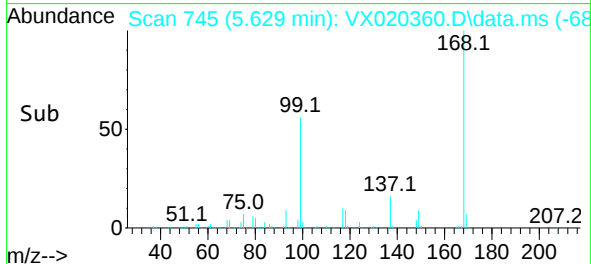
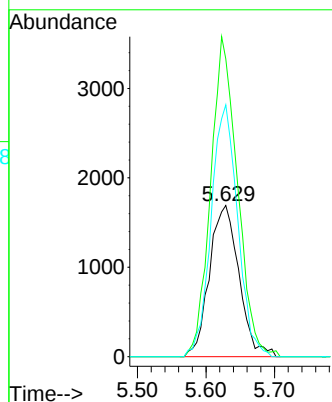


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

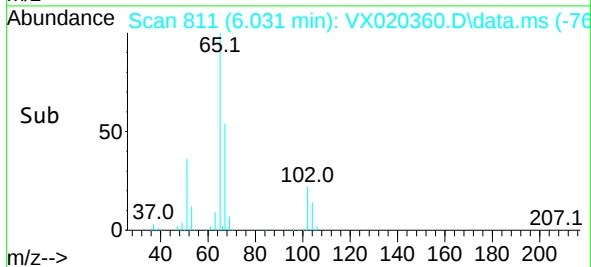
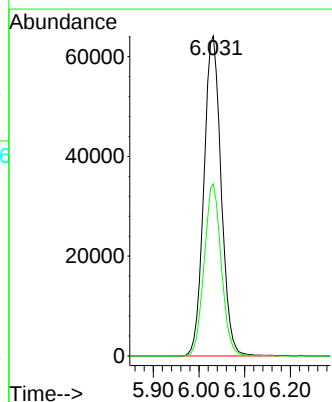
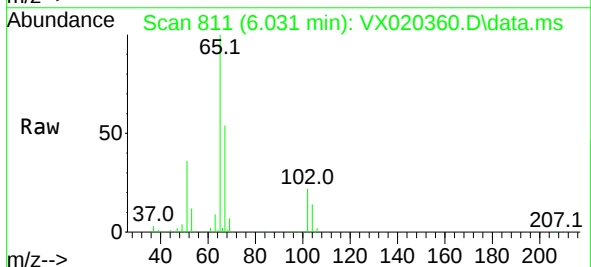


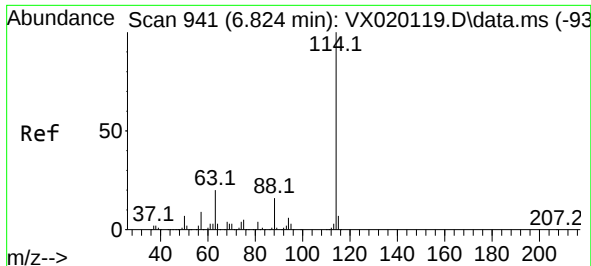
Tgt Ion: 56 Resp: 5067
Ion Ratio Lower Upper
56 100
69 197.0 25.3 37.9#
84 166.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.37 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

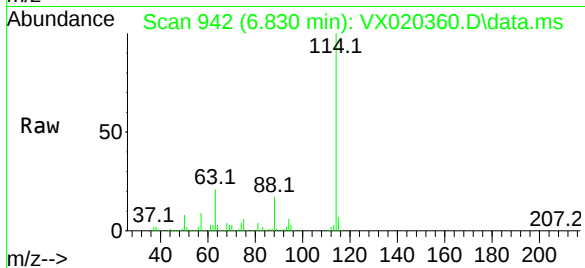
Tgt Ion: 65 Resp: 168039
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



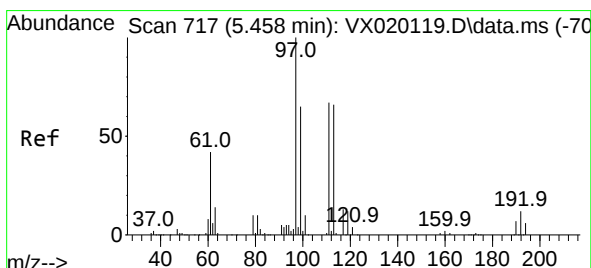
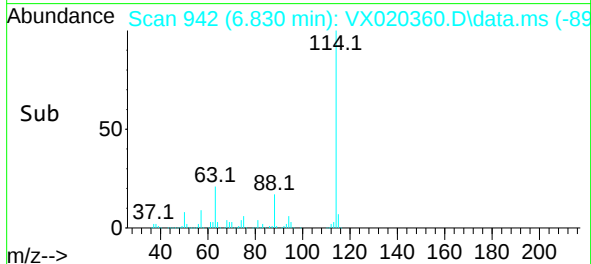
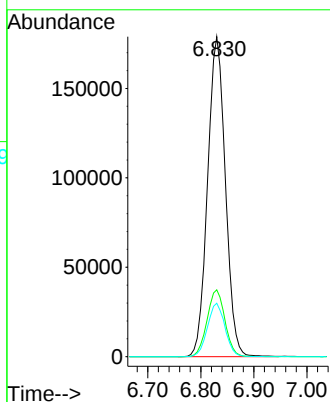


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

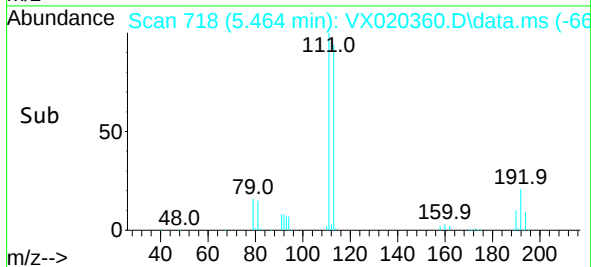
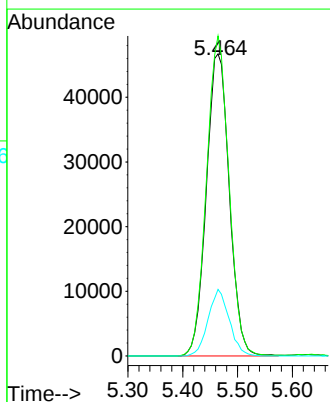
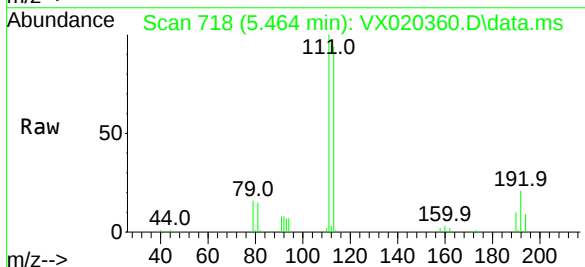


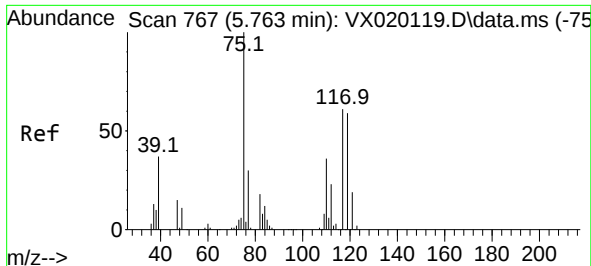
Tgt Ion:114 Resp: 416673
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.01 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

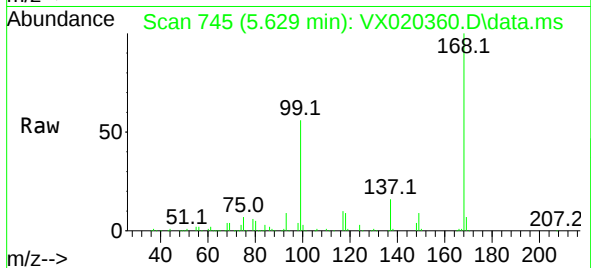
Tgt Ion:113 Resp: 135962
Ion Ratio Lower Upper
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111 103.3 81.9 122.9
192 20.2 16.7 25.1



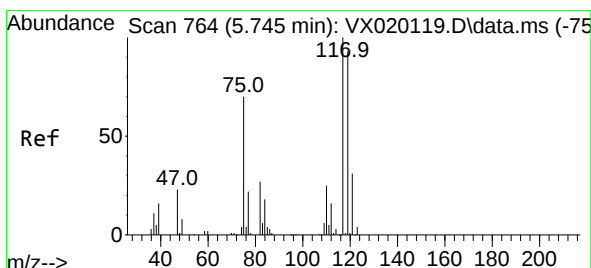
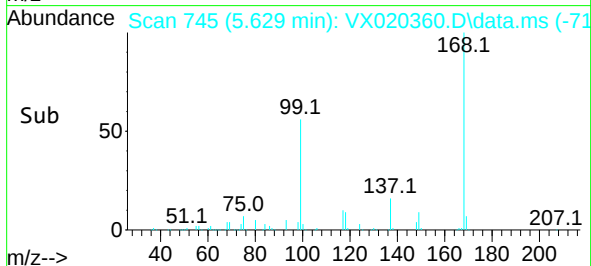
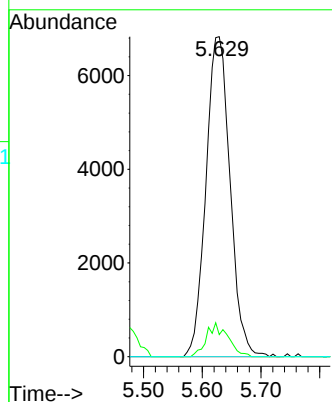


#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Instrument :
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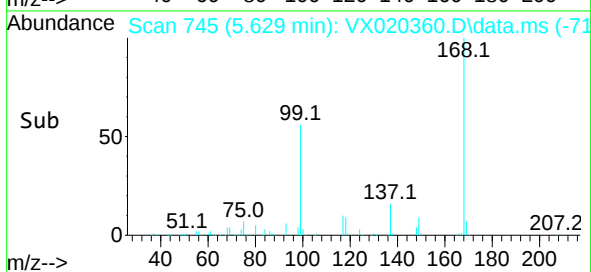
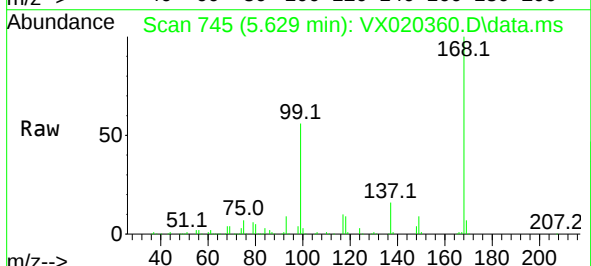
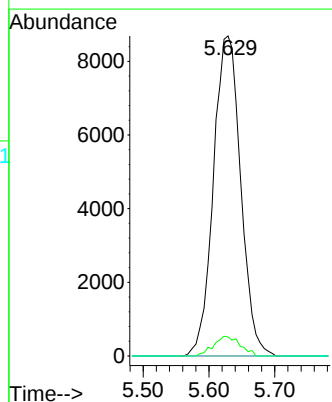


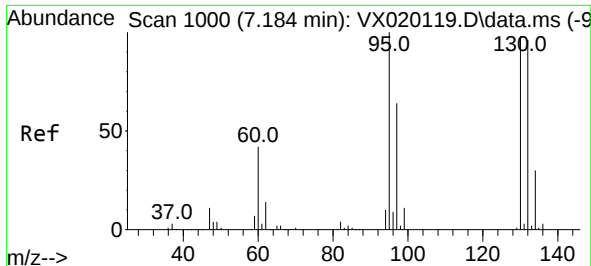
Tgt Ion: 75 Resp: 19484
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Tgt Ion: 117 Resp: 25056
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

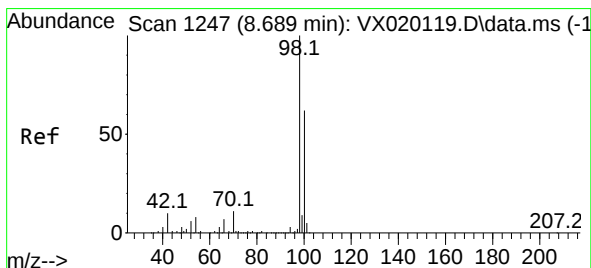
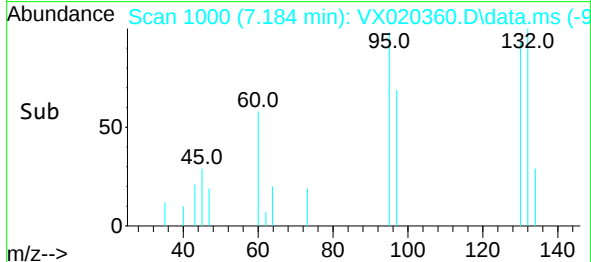
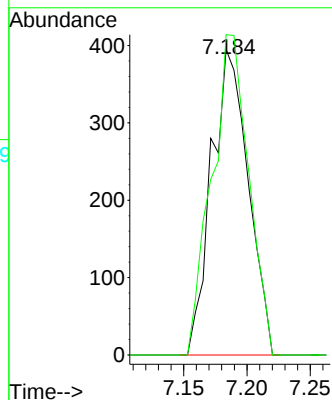
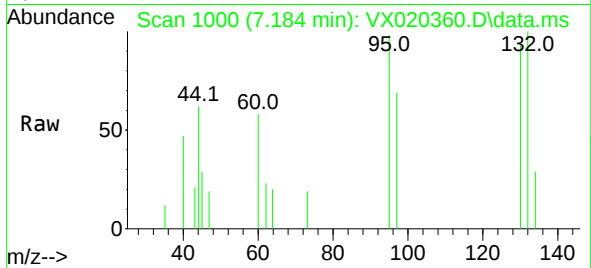




#44
Trichloroethene
Concen: 0.24 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

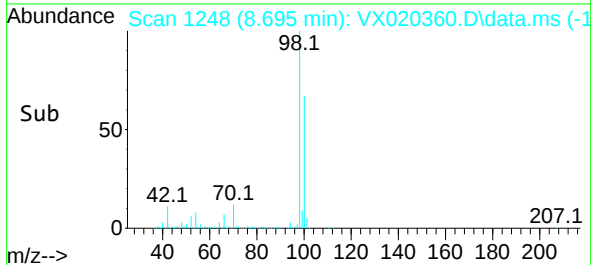
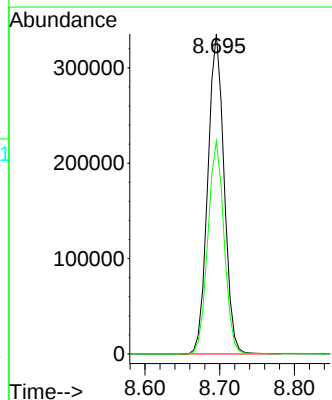
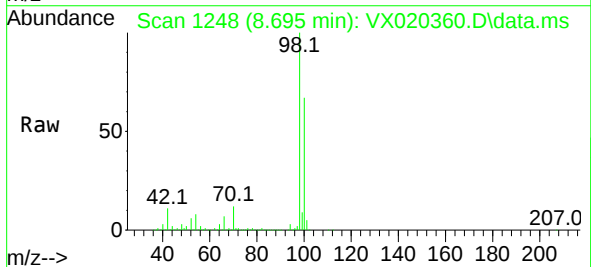
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

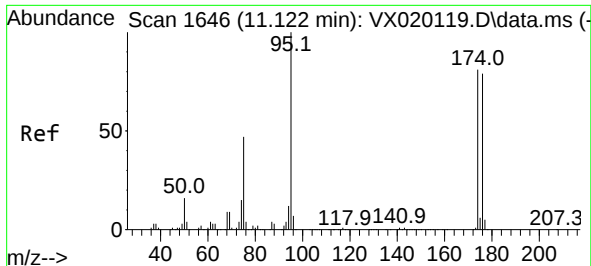
Tgt Ion:130 Resp: 798
Ion Ratio Lower Upper
130 100
95 104.8 0.0 198.0



#50
Toluene-d8
Concen: 49.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Tgt Ion: 98 Resp: 507774
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

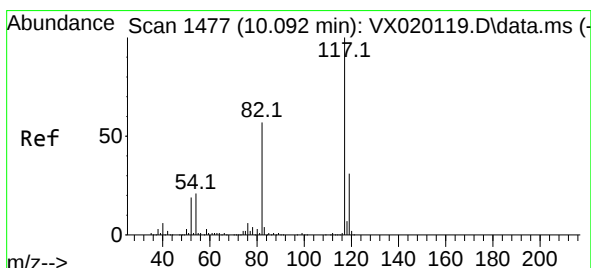
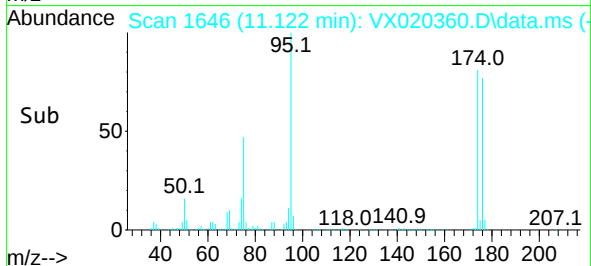
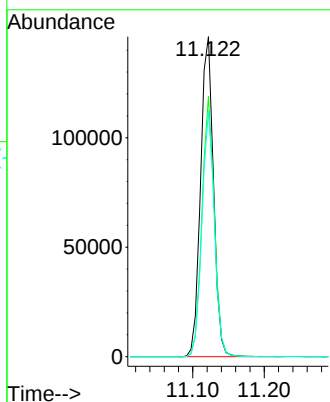
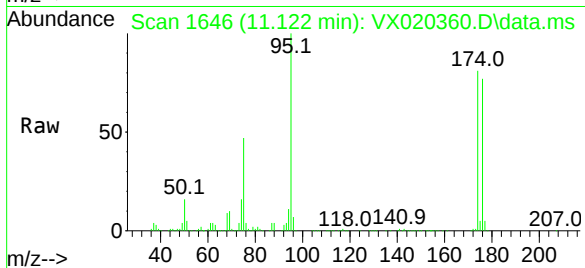




#62
4-Bromofluorobenzene
Concen: 46.69 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

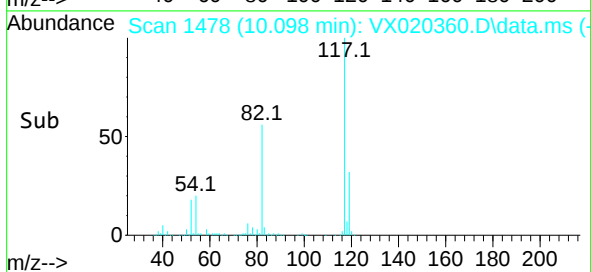
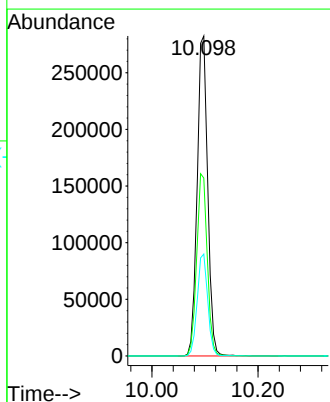
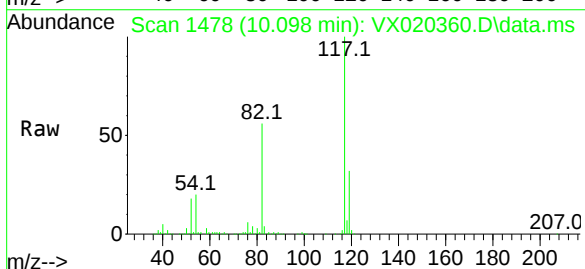
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

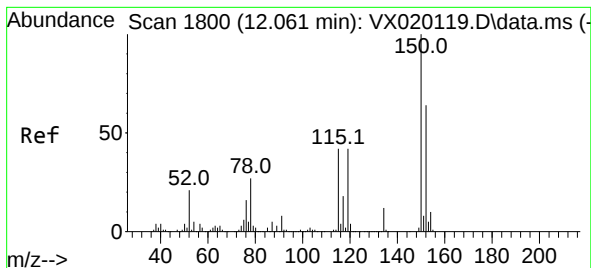
Tgt Ion: 95 Resp: 183362
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 73.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Tgt Ion: 117 Resp: 390364
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 31.8 26.6 39.8

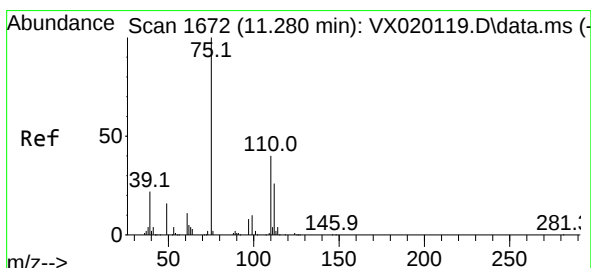
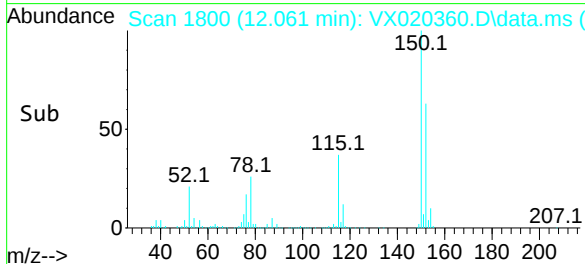
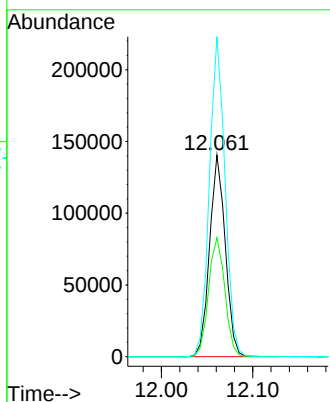
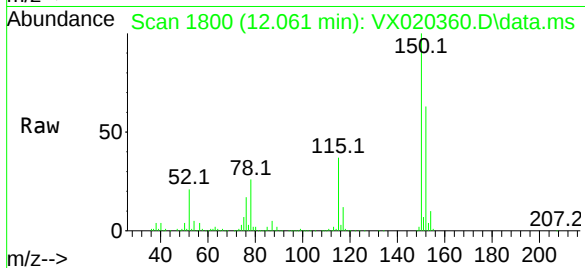




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020360.D
 Acq: 24 Dec 2020 00:27

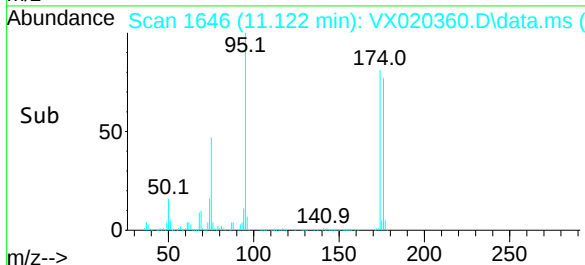
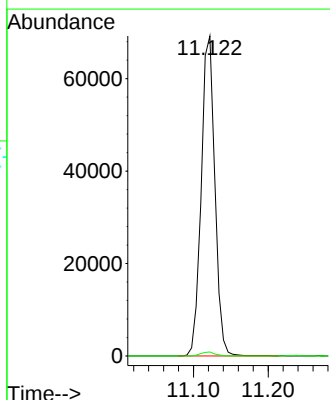
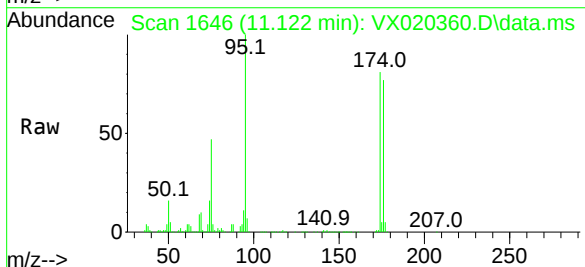
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5564(D)-121320

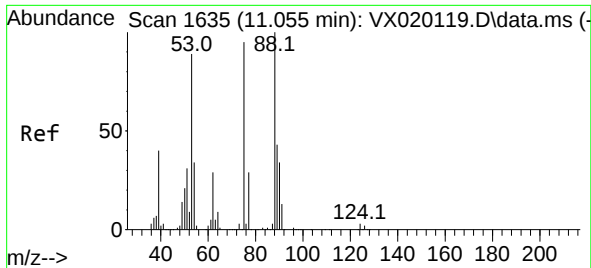
Tgt Ion:152 Resp: 167551
 Ion Ratio Lower Upper
 152 100
 115 61.0 41.1 123.3
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.25 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020360.D
 Acq: 24 Dec 2020 00:27

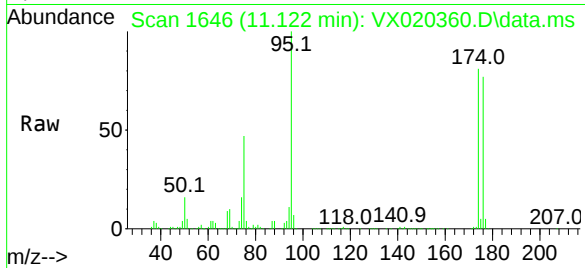
Tgt Ion: 75 Resp: 87720
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



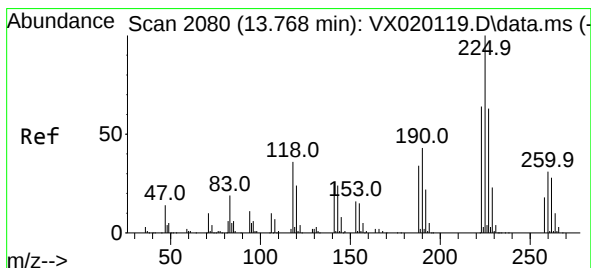
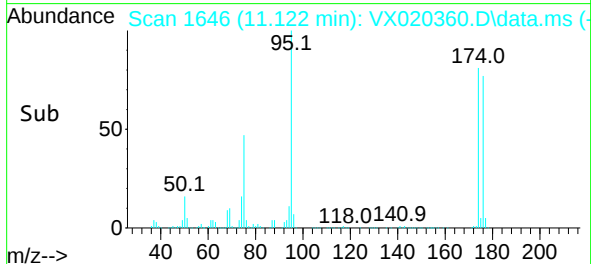
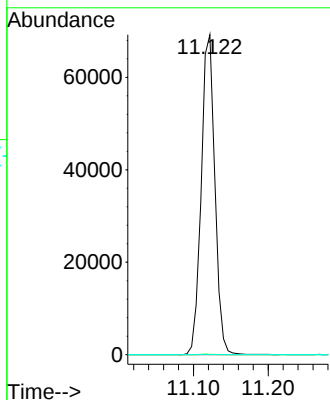


#81
trans-1,4-Dichloro-2-butene
Concen: 63.06 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320



Tgt Ion: 75 Resp: 87720
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.66 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.012 min
Lab File: VX020360.D
Acq: 24 Dec 2020 00:27

Tgt Ion: 225 Resp: 20
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#

