

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020228.D
 Acq On : 20 Dec 2020 14:50
 Operator : JC/MD
 Sample : L5095-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-FD02-121420

Quant Time: Dec 21 02:52:03 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)

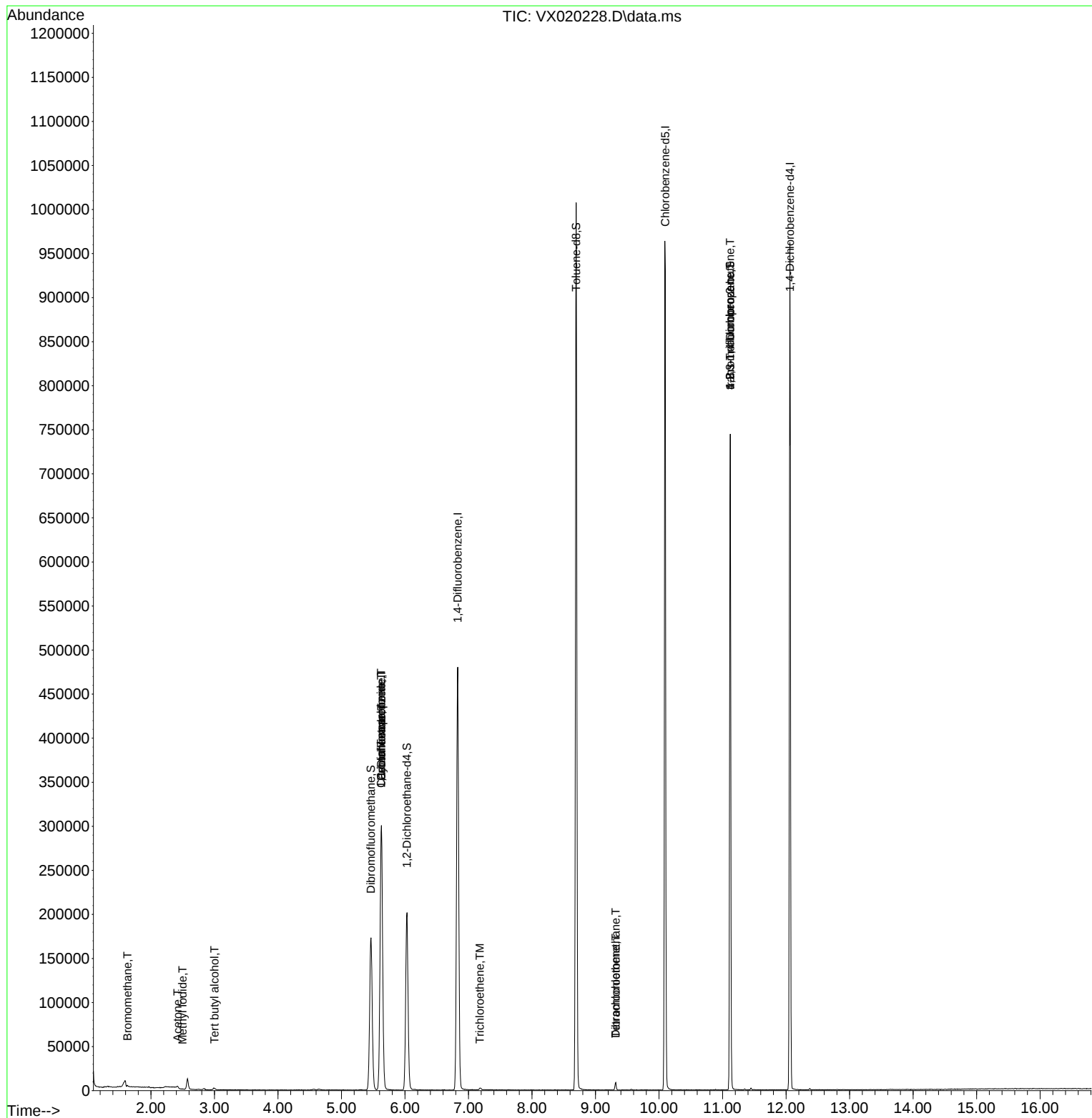
Internal Standards						
1) Pentafluorobenzene	5.629	168	286840	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	481223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	445557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	193922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	188588	49.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.10%		
35) Dibromofluoromethane	5.464	113	152870	49.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.32%		
50) Toluene-d8	8.695	98	590629	49.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.68%		
62) 4-Bromofluorobenzene	11.122	95	204960	45.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.38%		
Target Compounds						Qvalue
5) Bromomethane	1.629	94	662	0.53	ug/l #	73
10) Methyl Iodide	2.495	142	267	3.35	ug/l #	63
11) Tert butyl alcohol	3.001	59	1348	1.57	ug/l #	73
16) Acetone	2.416	43	3151	1.80	ug/l	99
31) Cyclohexane	5.629	56	5881	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22170	4.66	ug/l #	49
38) Carbon Tetrachloride	5.623	117	28524	6.31	ug/l #	16
44) Trichloroethene	7.177	130	923	0.24	ug/l	80
60) Dibromochloromethane	9.317	129	1406	0.38	ug/l #	11
64) Tetrachloroethene	9.317	164	1630	0.49	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	99587	20.85	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	99587	61.85	ug/l #	12

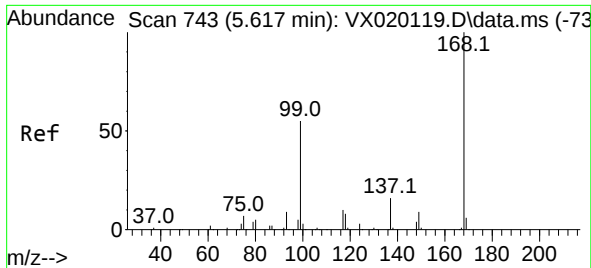
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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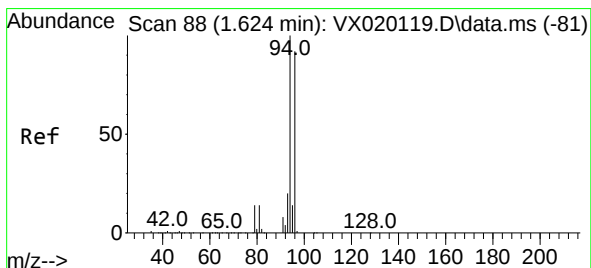
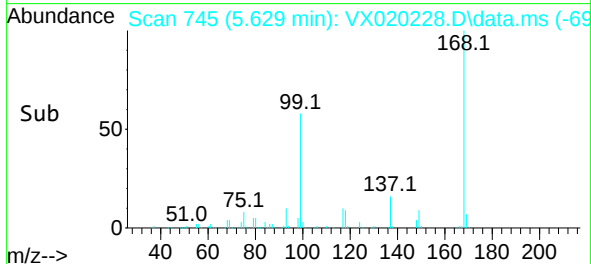
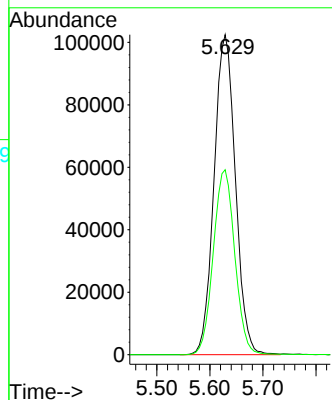
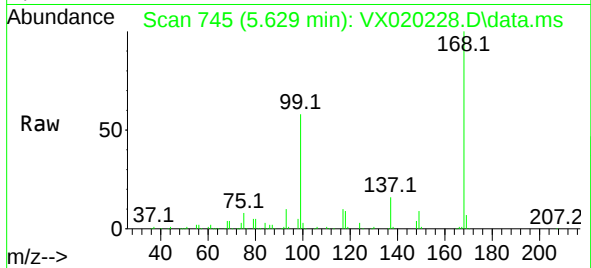




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

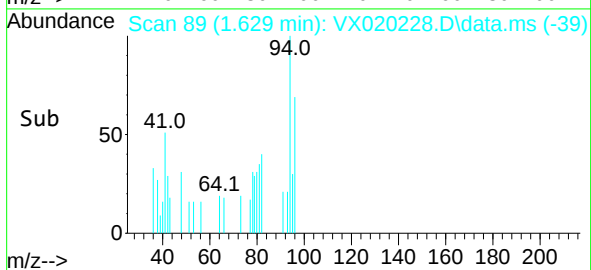
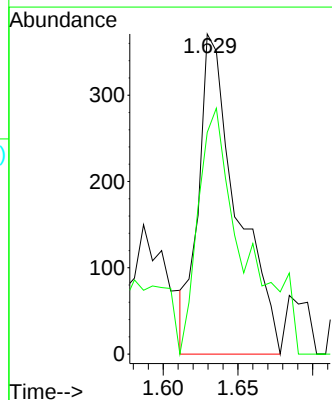
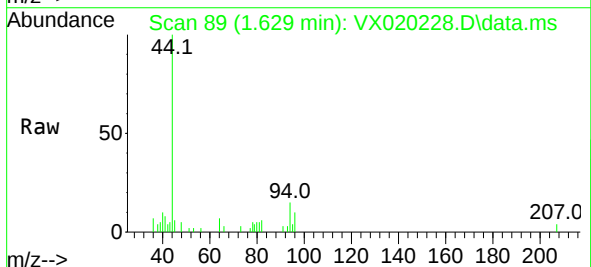
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

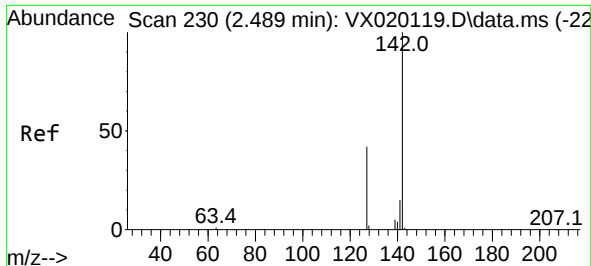
Tgt Ion:168 Resp: 286840
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

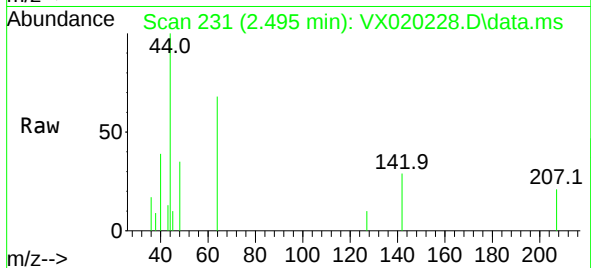
Tgt Ion: 94 Resp: 662
Ion Ratio Lower Upper
94 100
96 69.3 76.4 114.6#



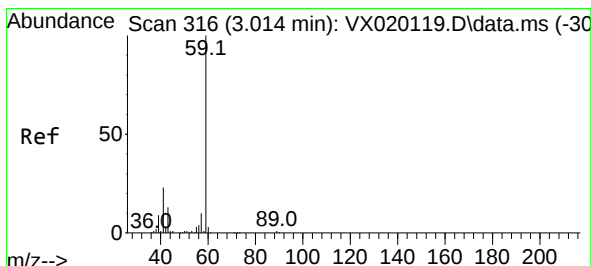
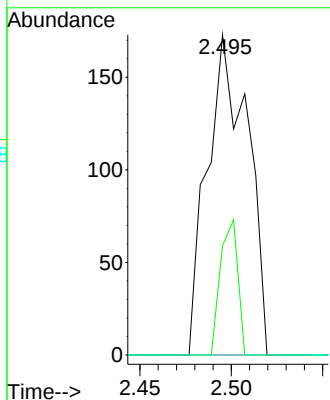
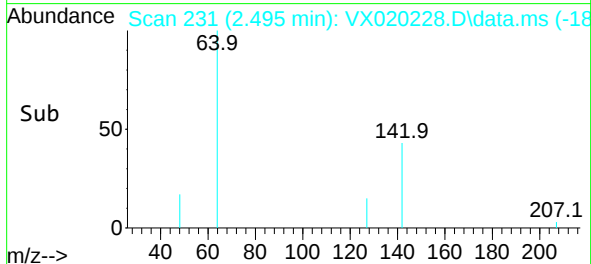


#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

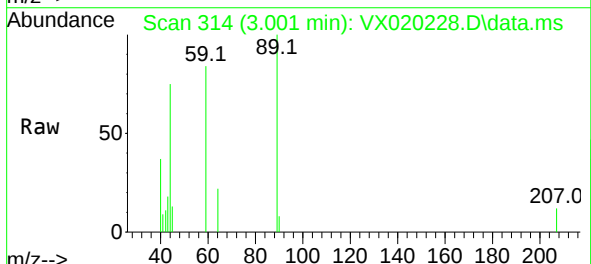
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420



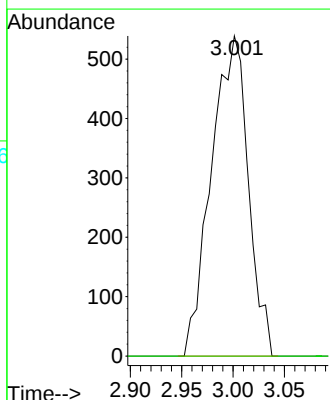
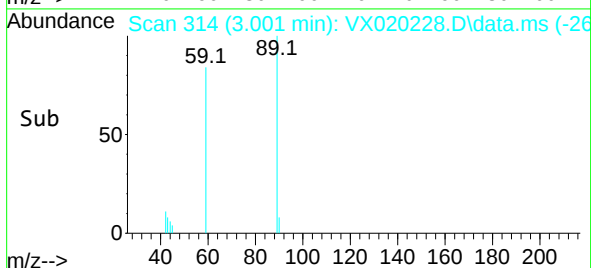
Tgt Ion:142 Resp: 267
Ion Ratio Lower Upper
142 100
127 18.0 33.3 49.9#
141 0.0 11.4 17.0#

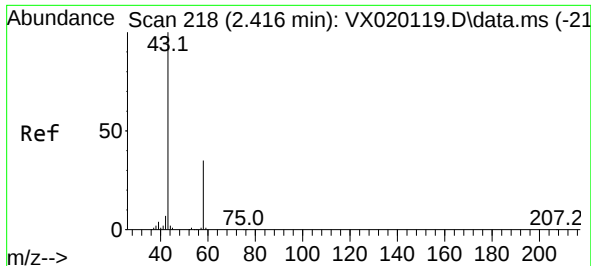


#11
Tert butyl alcohol
Concen: 1.57 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50



Tgt Ion: 59 Resp: 1348
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

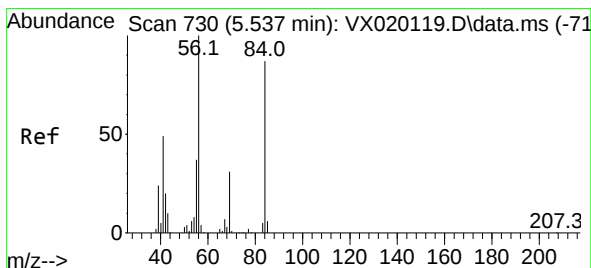
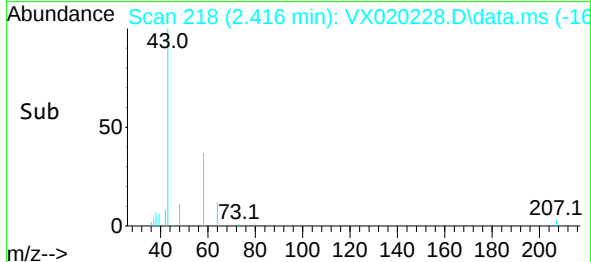
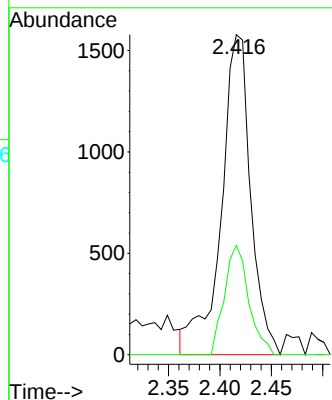
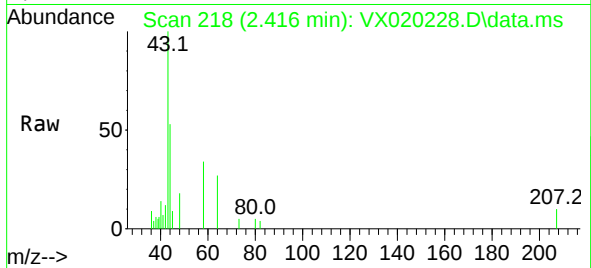




#16
Acetone
Concen: 1.80 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

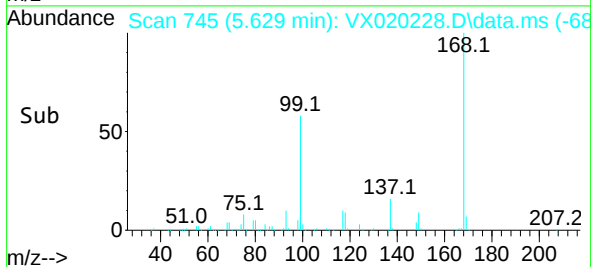
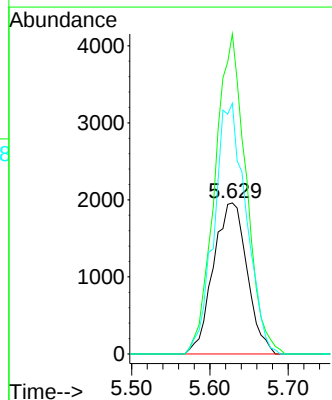
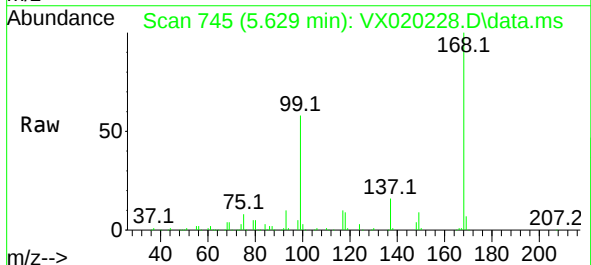
Instrument :
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ClientSampleId :
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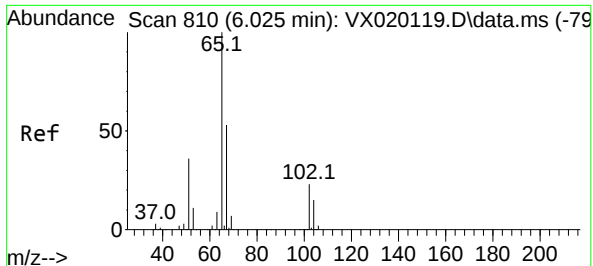
Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

Tgt Ion: 56 Resp: 5881
Ion Ratio Lower Upper
56 100
69 211.8 25.3 37.9#
84 165.9 71.4 107.0#

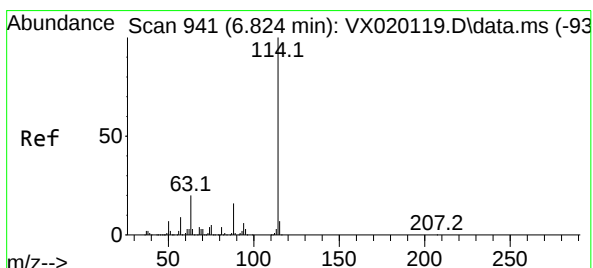
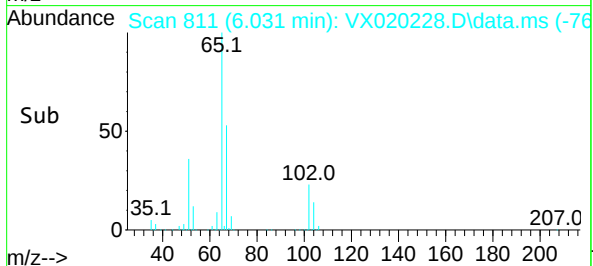
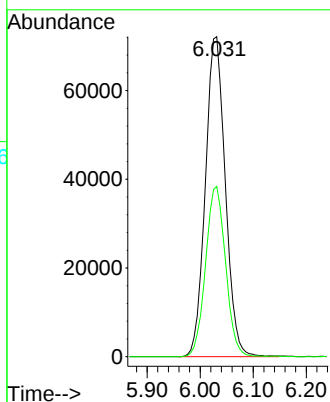
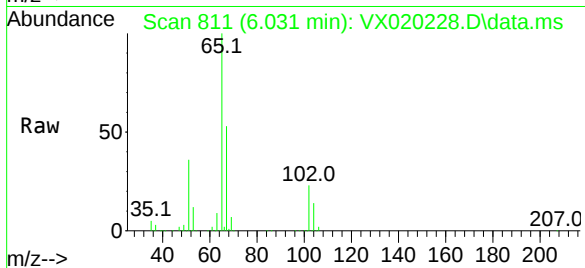




#33
1,2-Dichloroethane-d4
Concen: 49.05 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

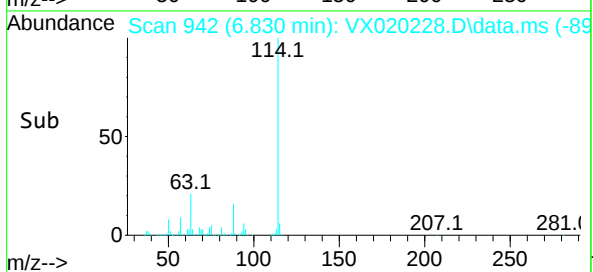
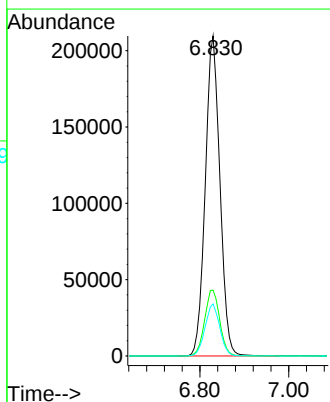
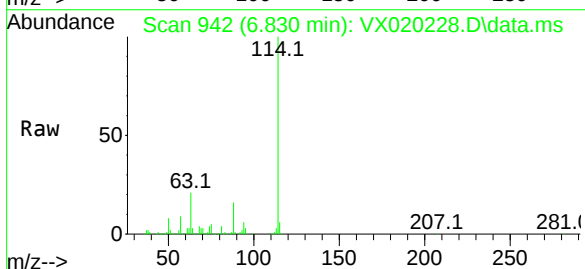
Instrument :
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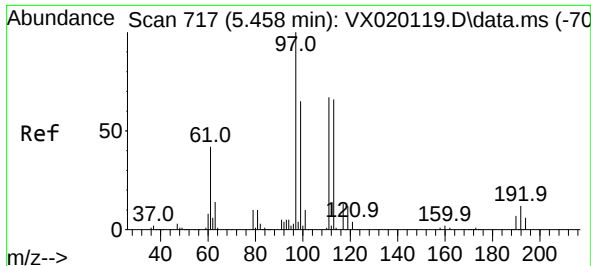
Tgt Ion: 65 Resp: 188588
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

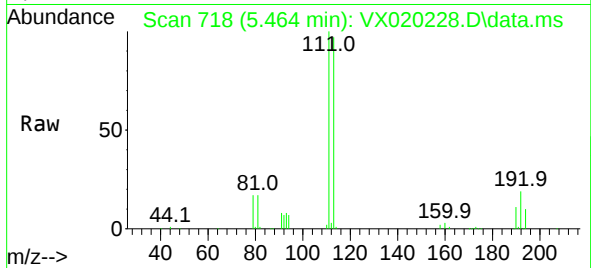
Tgt Ion: 114 Resp: 481223
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.2 0.0 32.8



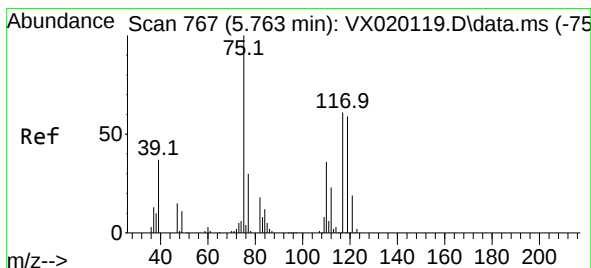
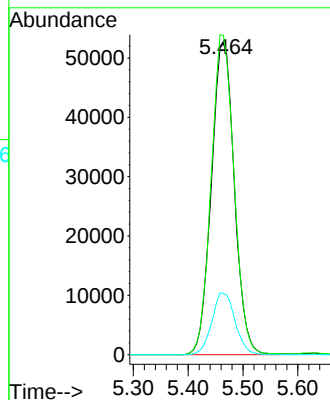
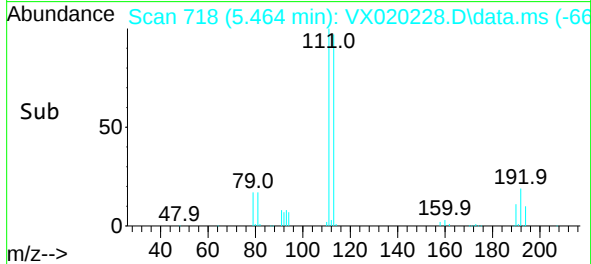


#35
Dibromofluoromethane
Concen: 49.66 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

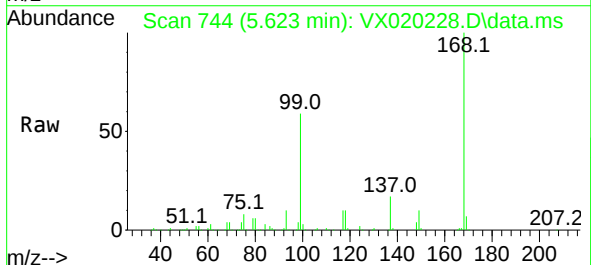
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420



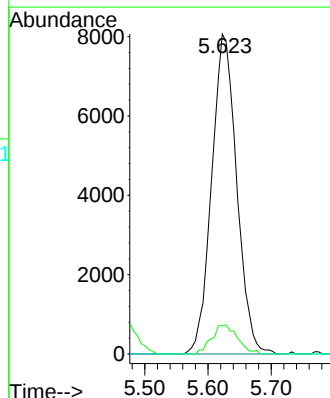
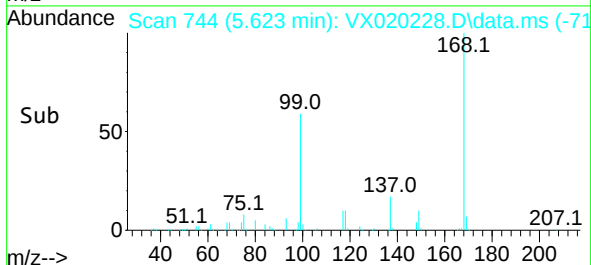
Tgt Ion:113 Resp: 152870
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.1 16.7 25.1

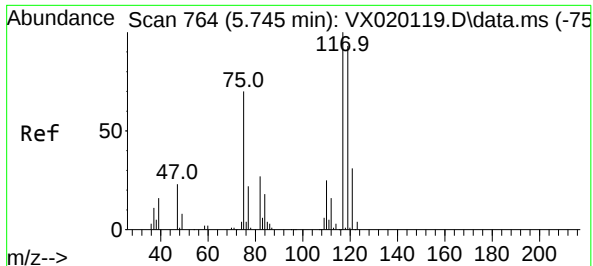


#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50



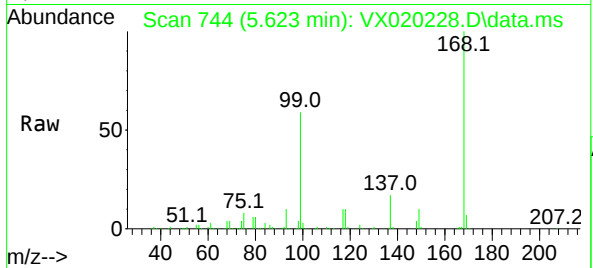
Tgt Ion: 75 Resp: 22170
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



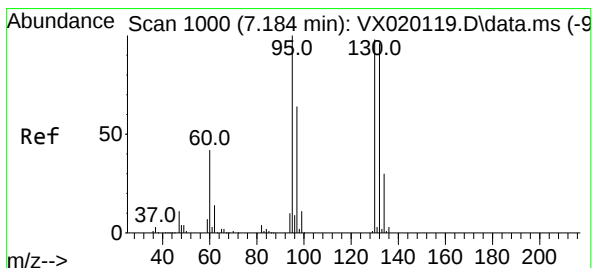
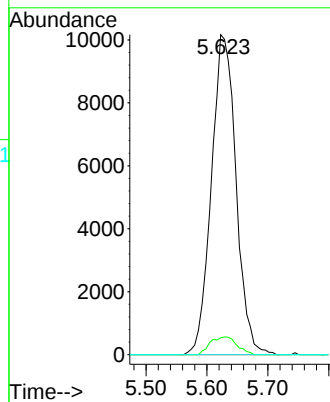
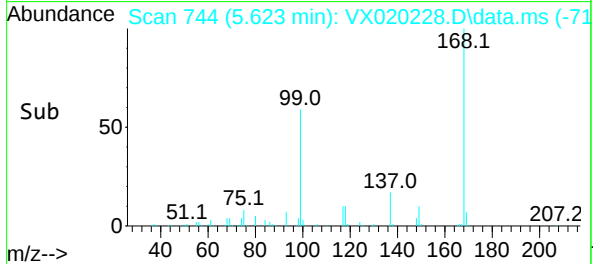


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

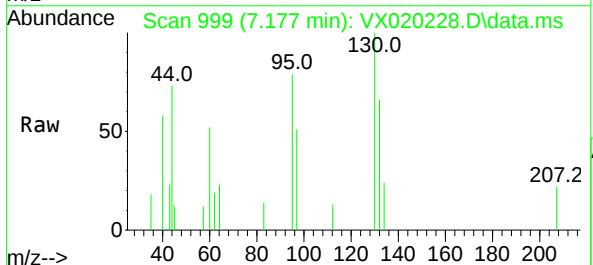
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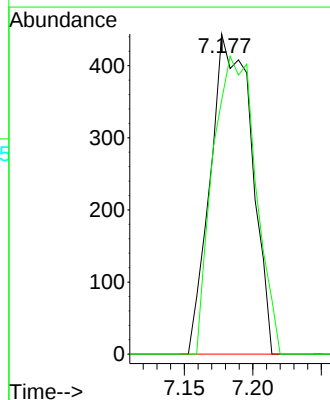
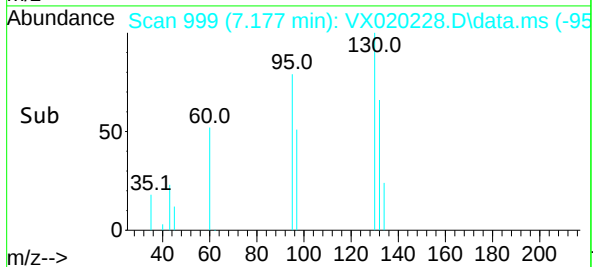
Tgt Ion:117 Resp: 28524
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

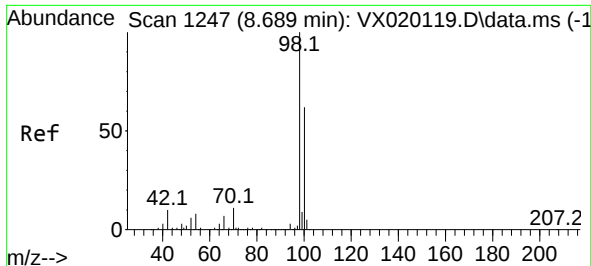


#44
Trichloroethene
Concen: 0.24 ug/l
RT: 7.177 min Scan# 999
Delta R.T. -0.007 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50



Tgt Ion:130 Resp: 923
Ion Ratio Lower Upper
130 100
95 79.3 0.0 198.0

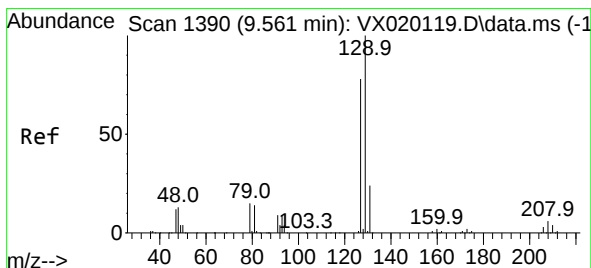
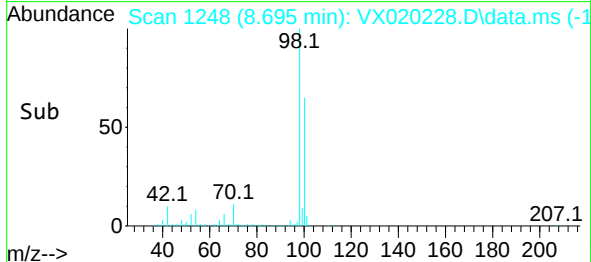
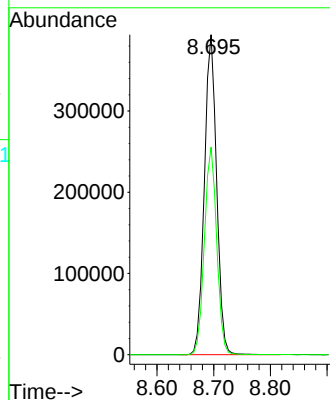
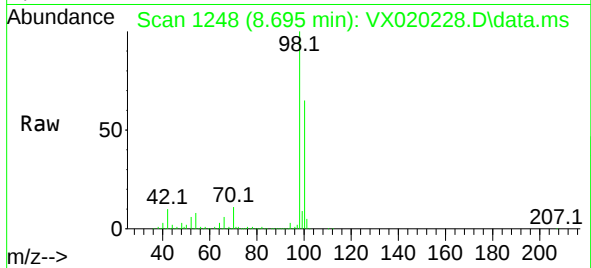




#50
Toluene-d8
Concen: 49.84 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

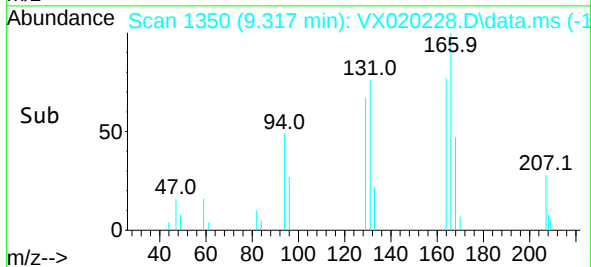
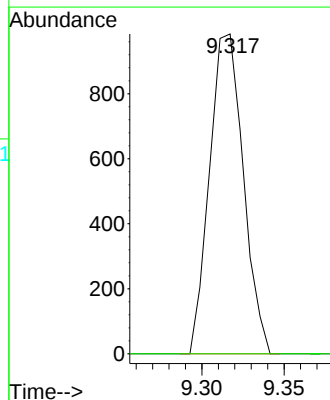
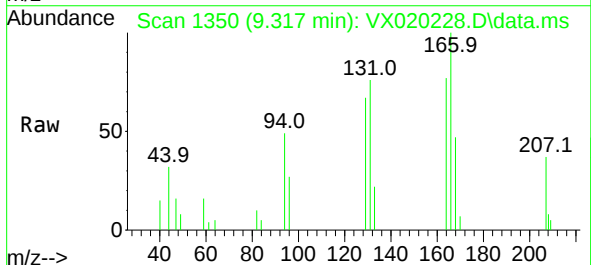
Instrument :
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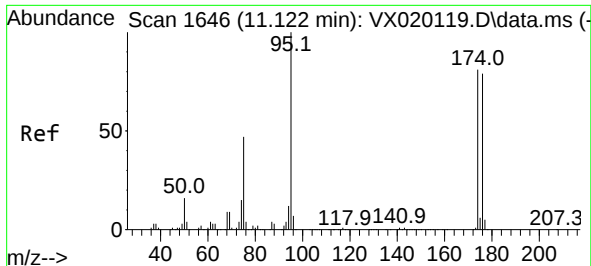
Tgt Ion: 98 Resp: 590629
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#60
Dibromochloromethane
Concen: 0.38 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

Tgt Ion: 129 Resp: 1406
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

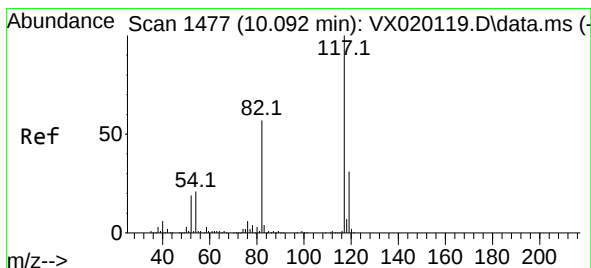
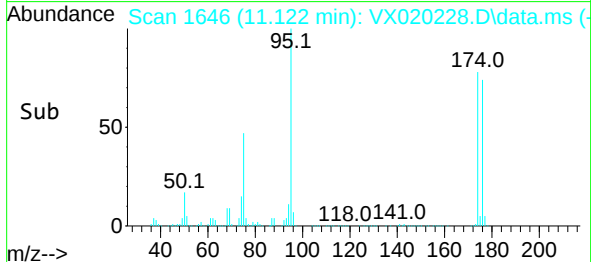
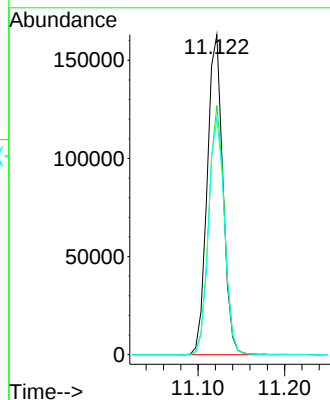
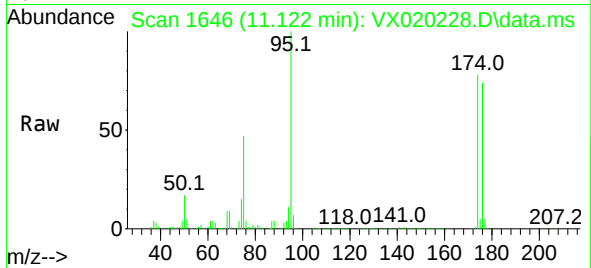




#62
4-Bromofluorobenzene
Concen: 45.19 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

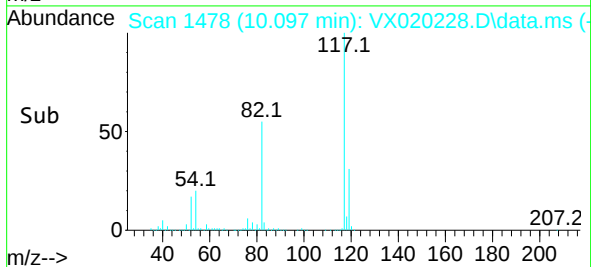
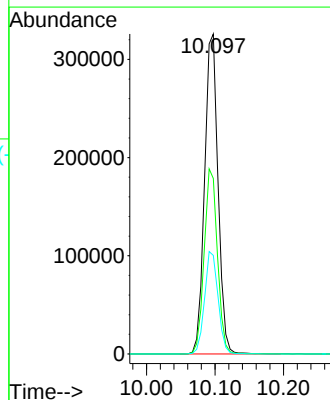
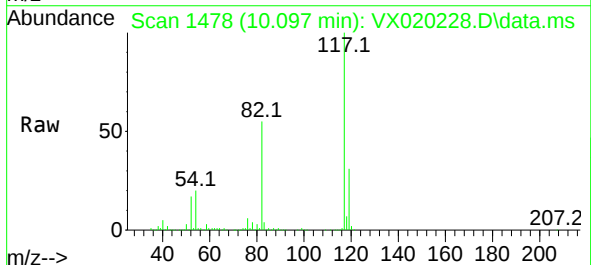
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

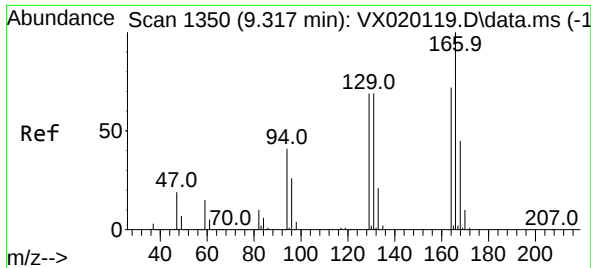
Tgt Ion: 95 Resp: 204960
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

Tgt Ion: 117 Resp: 445557
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 30.8 26.6 39.8



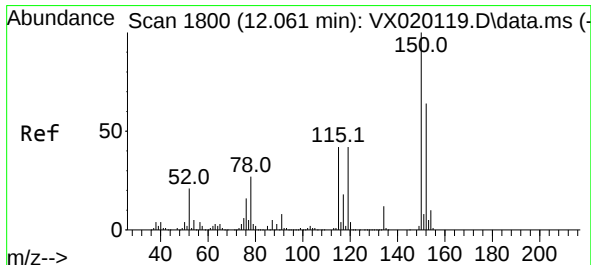
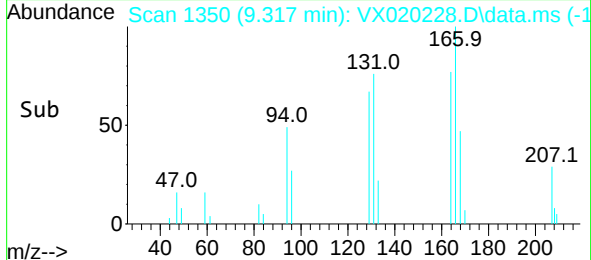
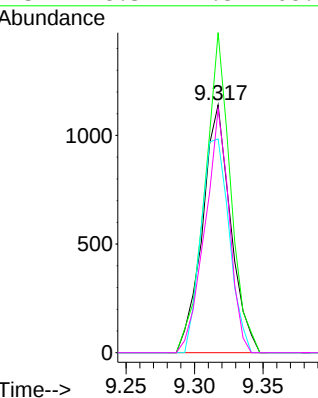
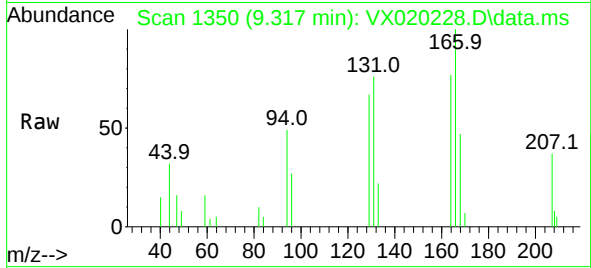


#64
Tetrachloroethene
Concen: 0.49 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

Tgt Ion:164 Resp: 1630

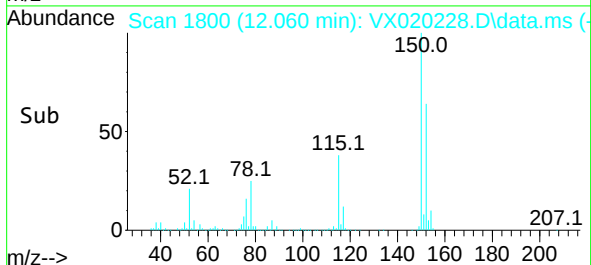
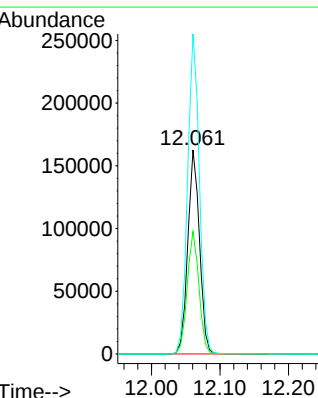
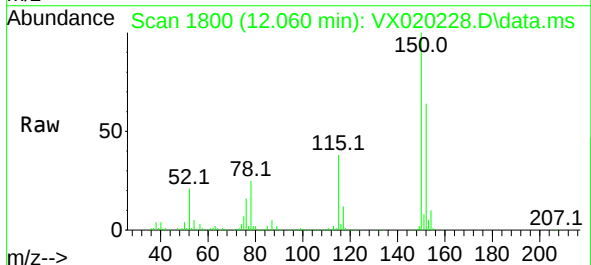
Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.4	155.2
129	86.2	70.8	106.2
131	98.3	72.5	108.7

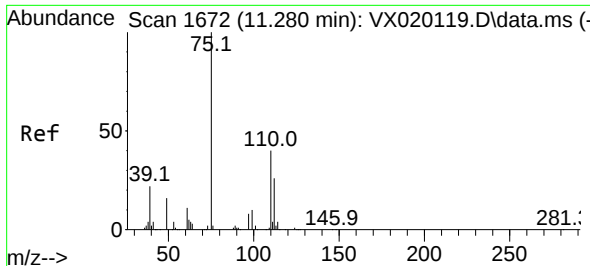


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

Tgt Ion:152 Resp: 193922

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.1	123.3
150	157.4	0.0	349.0

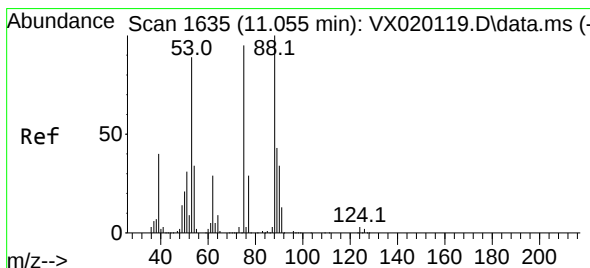
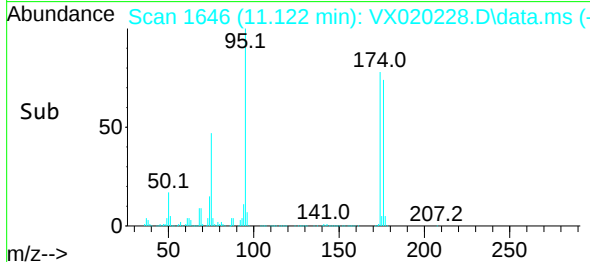
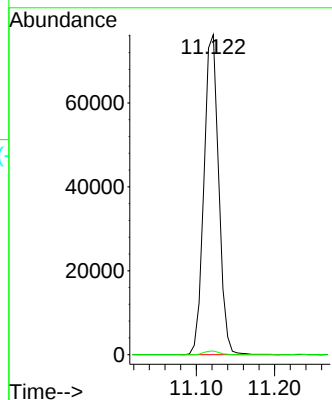
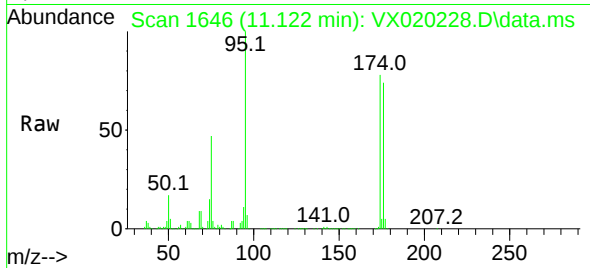




#76
1,2,3-Trichloropropane
Concen: 20.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

Tgt Ion: 75 Resp: 99587
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020228.D
Acq: 20 Dec 2020 14:50

Tgt Ion: 75 Resp: 99587
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

