

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020324.D
 Acq On : 23 Dec 2020 00:03
 Operator : JC/MD
 Sample : L5094-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 23 05:04:55 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)

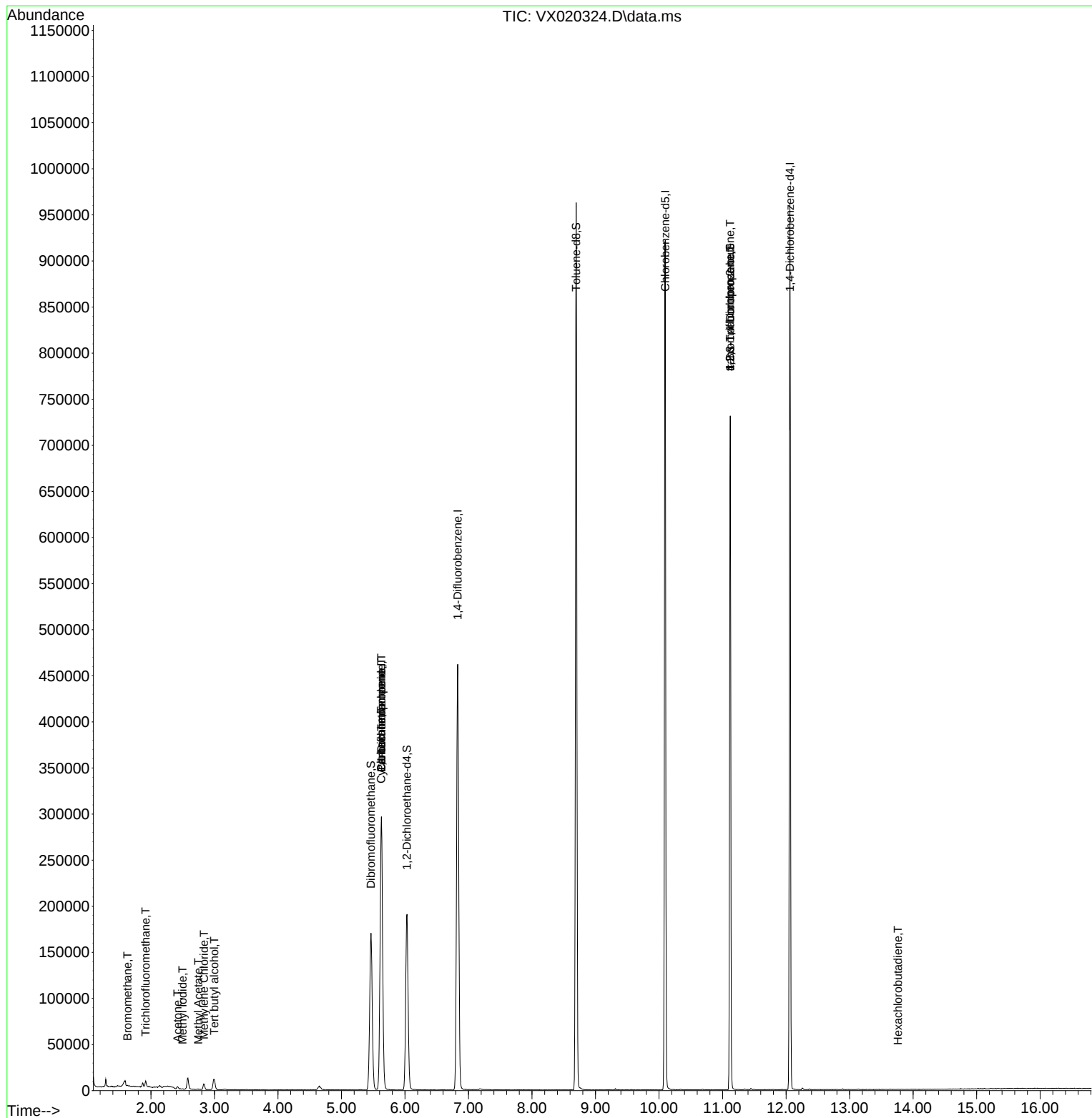
Internal Standards						
1) Pentafluorobenzene	5.629	168	279138	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	468448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	436595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	182791	48.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.70%		
35) Dibromofluoromethane	5.464	113	148035	49.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.80%		
50) Toluene-d8	8.695	98	567340	49.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.36%		
62) 4-Bromofluorobenzene	11.122	95	203423	46.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.16%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	603	0.49	ug/l	97
7) Trichlorofluoromethane	1.916	101	3670	0.75	ug/l	100
10) Methyl Iodide	2.495	142	316	3.36	ug/l #	82
11) Tert butyl alcohol	2.995	59	7368	8.79	ug/l #	77
16) Acetone	2.416	43	2521	1.48	ug/l	100
18) Methyl Acetate	2.745	43	798	0.21	ug/l #	77
20) Methylene Chloride	2.837	84	2770	0.72	ug/l	93
31) Cyclohexane	5.623	56	5705	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21853	4.72	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27736	6.30	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	99035	21.24	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	99035	63.01	ug/l #	12
94) Hexachlorobutadiene	13.762	225	45	2.67	ug/l #	19

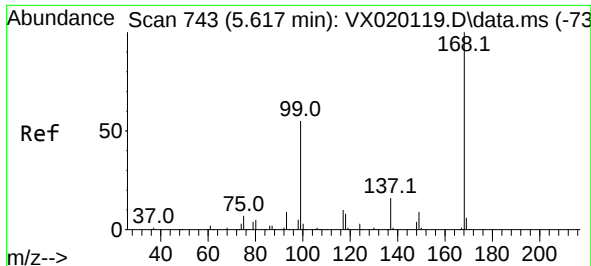
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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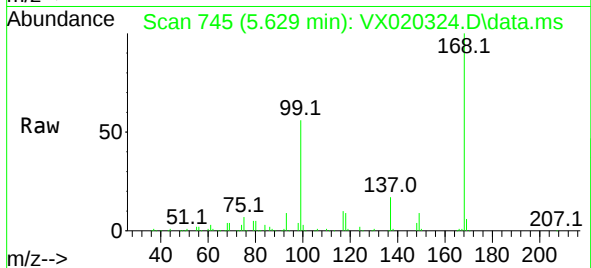
Quant Time: Dec 23 05:04:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



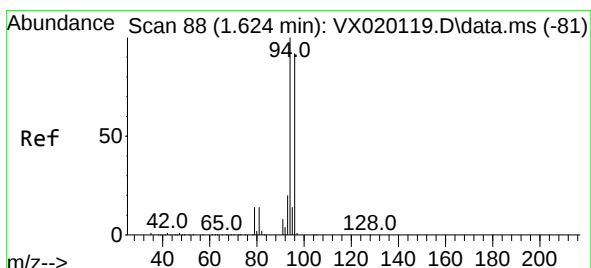
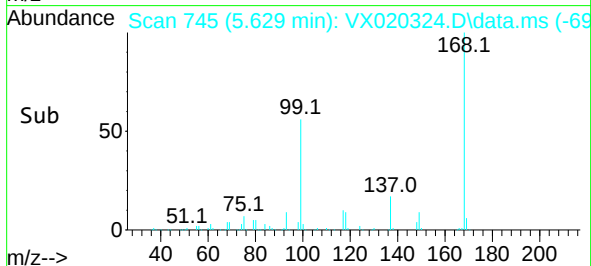
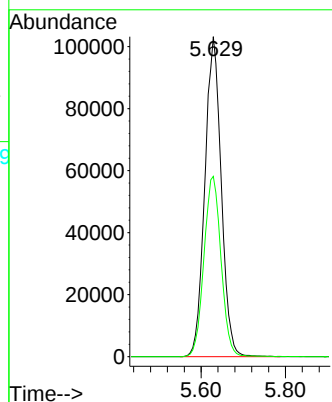


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

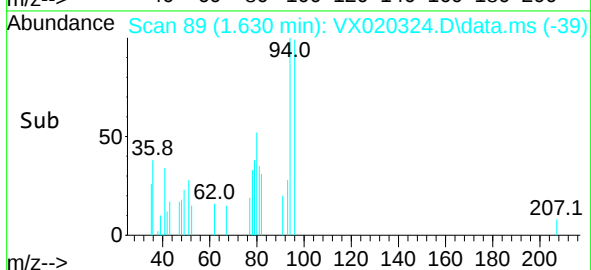
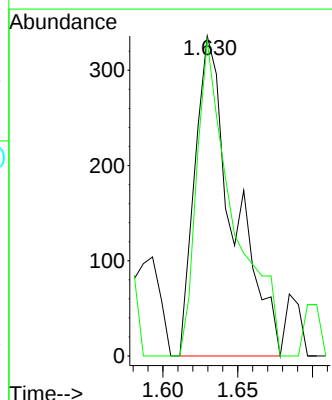
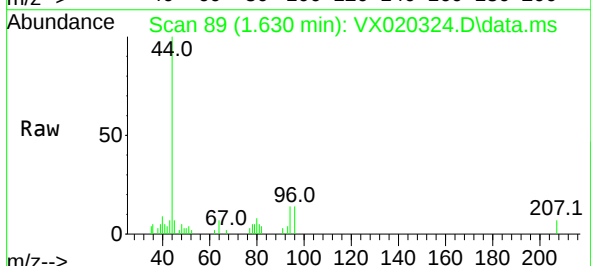


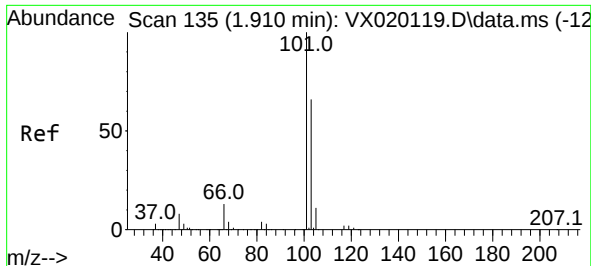
Tgt Ion:168 Resp: 279138
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Tgt Ion: 94 Resp: 603
Ion Ratio Lower Upper
94 100
96 98.5 76.4 114.6

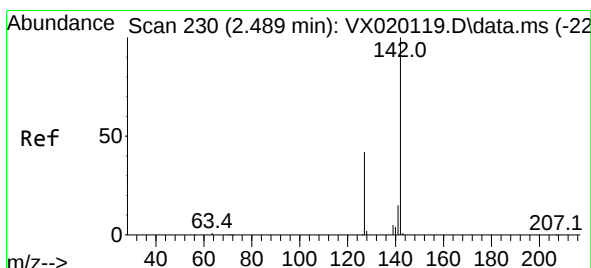
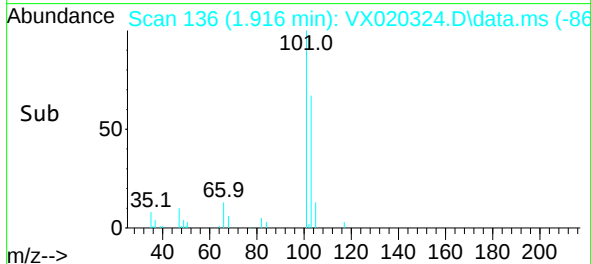
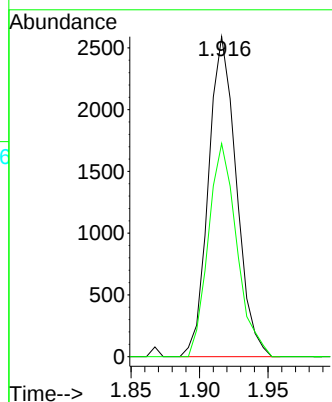
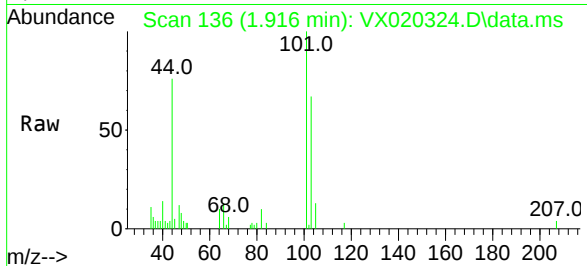




#7
Trichlorofluoromethane
Concen: 0.75 ug/l
RT: 1.916 min Scan# 136
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

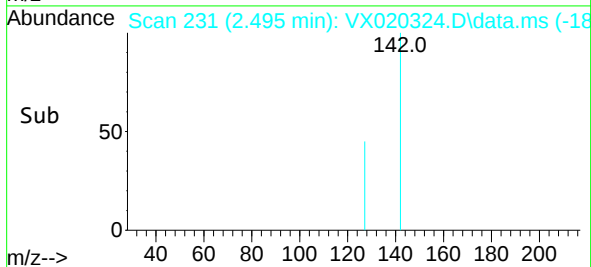
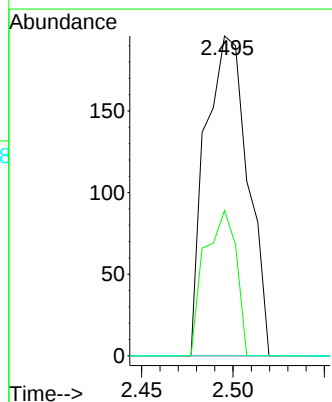
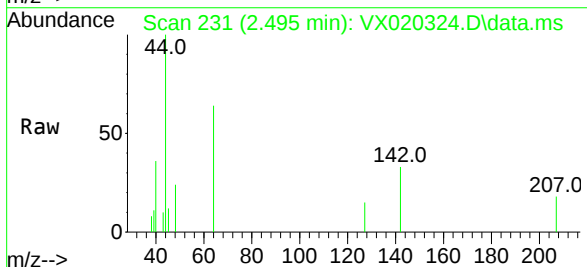
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

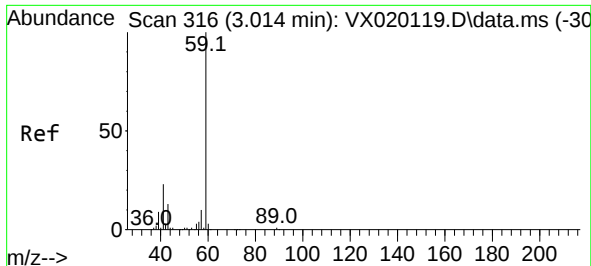
Tgt Ion:101 Resp: 3670
Ion Ratio Lower Upper
101 100
103 66.6 53.2 79.8



#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Tgt Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
127 33.9 33.3 49.9
141 0.0 11.4 17.0#

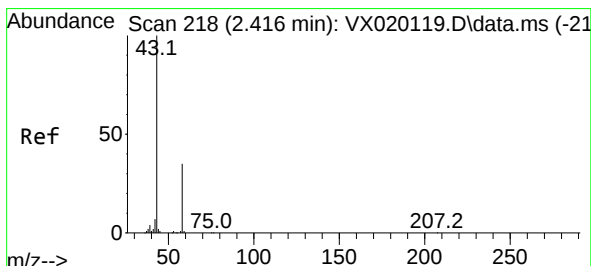
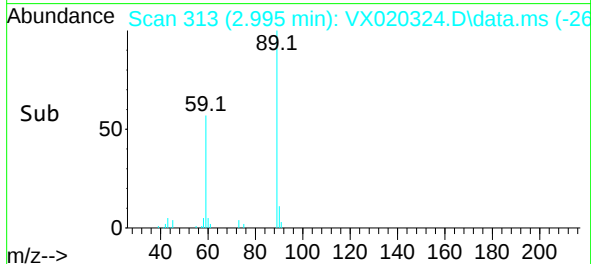
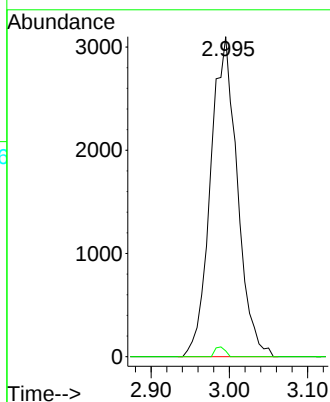
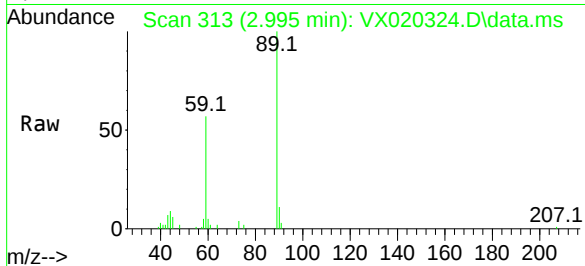




#11
Tert butyl alcohol
Concen: 8.79 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

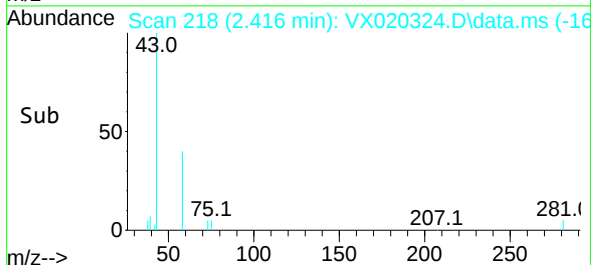
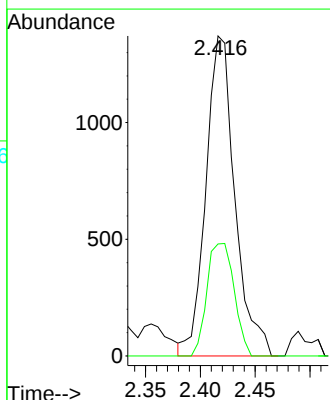
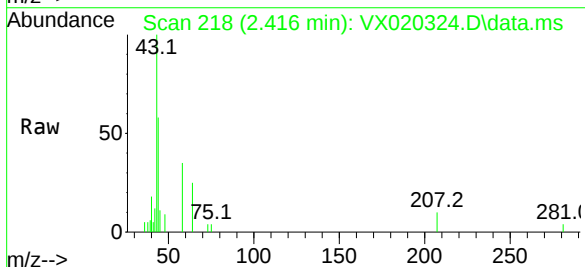
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

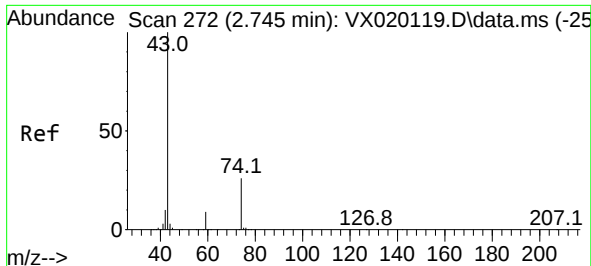
Tgt Ion: 59 Resp: 7368
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#



#16
Acetone
Concen: 1.48 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

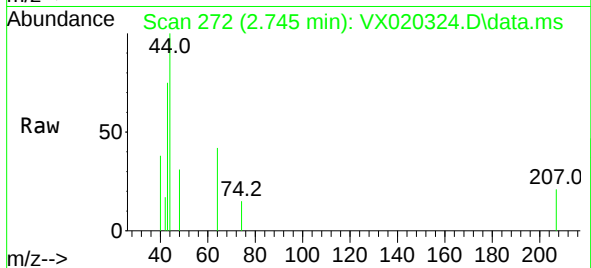
Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8



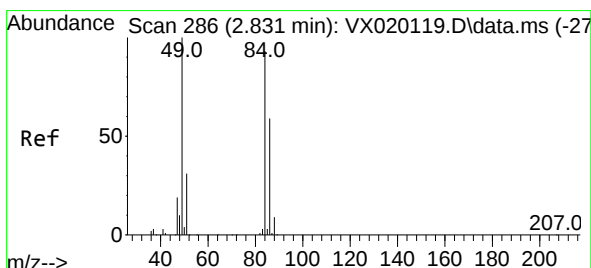
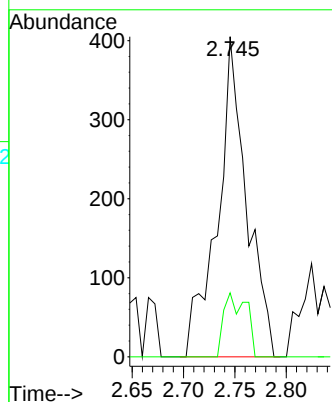
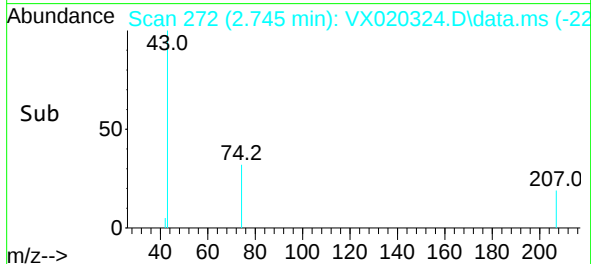


#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

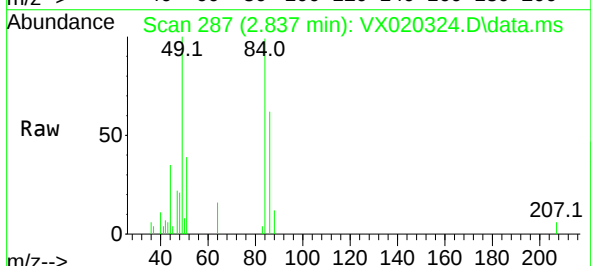
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



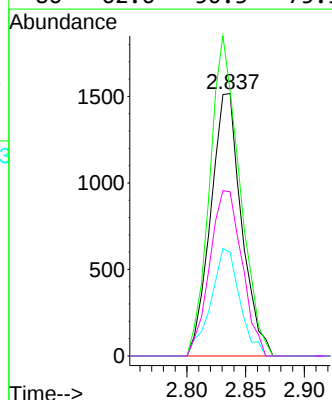
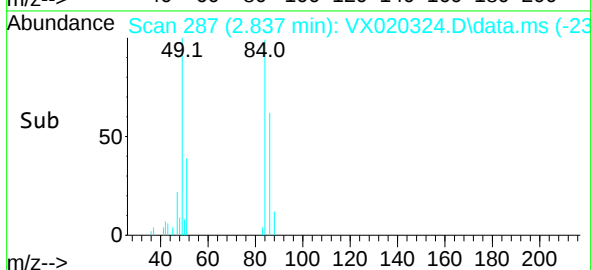
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
74 15.2 21.9 32.9#

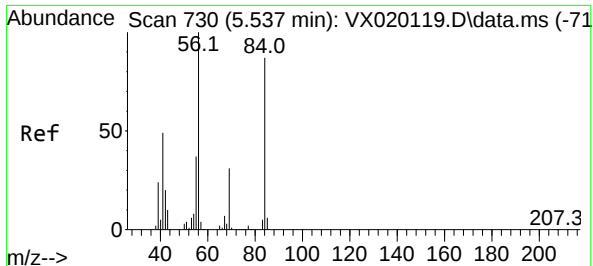


#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03



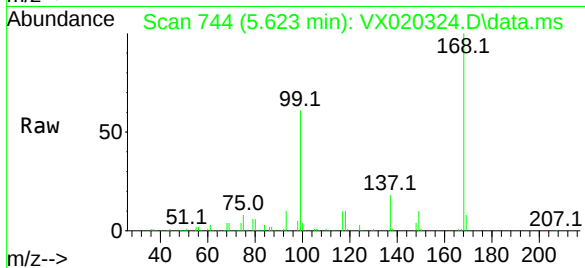
Tgt Ion: 84 Resp: 2770
Ion Ratio Lower Upper
84 100
49 100.9 88.6 132.8
51 39.5 27.0 40.6
86 62.6 50.3 75.5



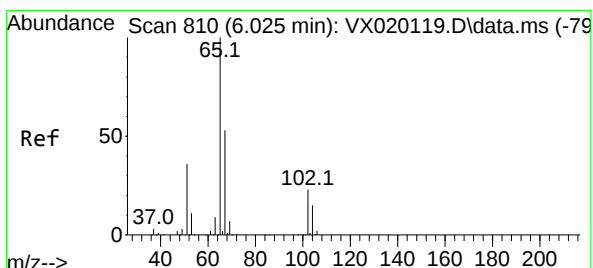
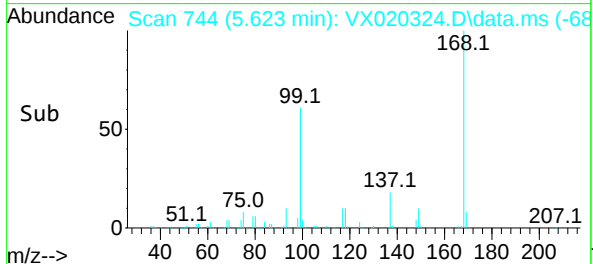
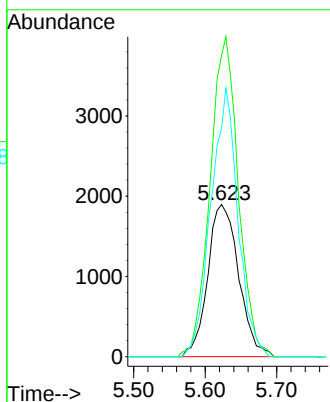


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

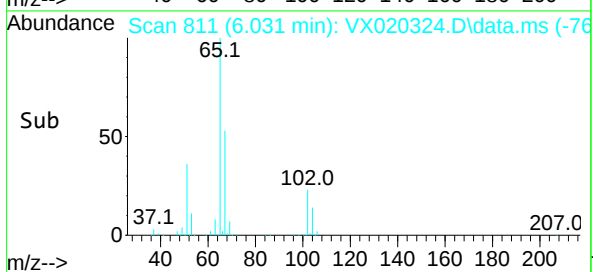
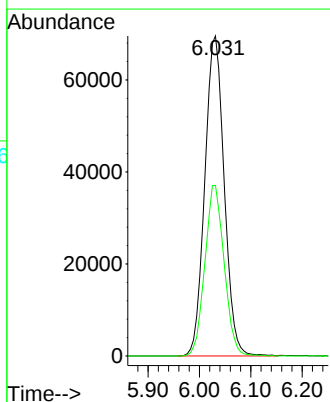
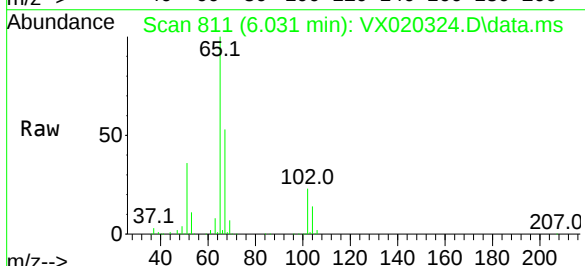


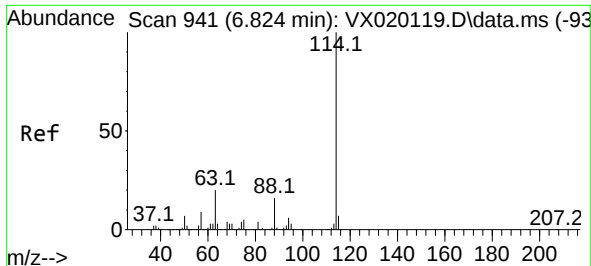
Tgt Ion: 56 Resp: 5705
Ion Ratio Lower Upper
56 100
69 198.0 25.3 37.9#
84 149.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.85 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Tgt Ion: 65 Resp: 182791
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

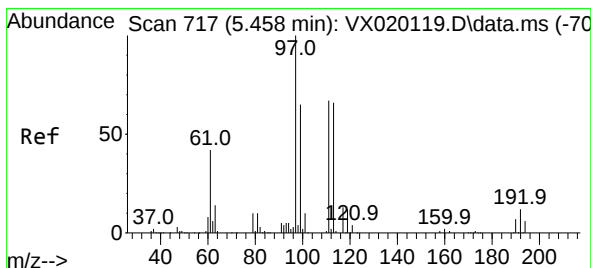
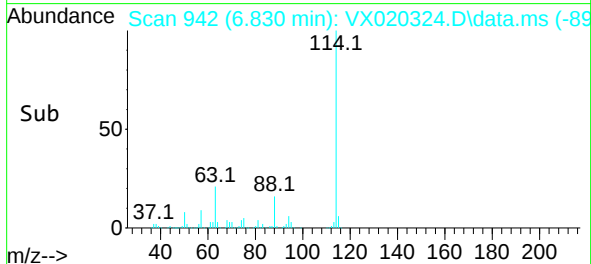
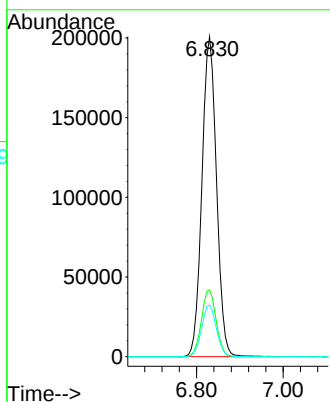
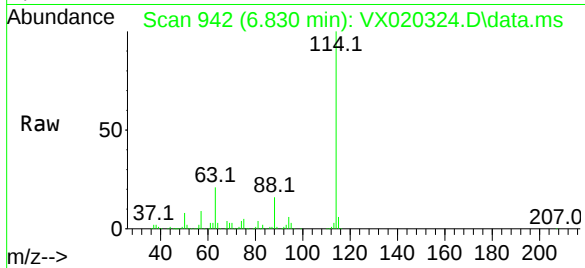




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

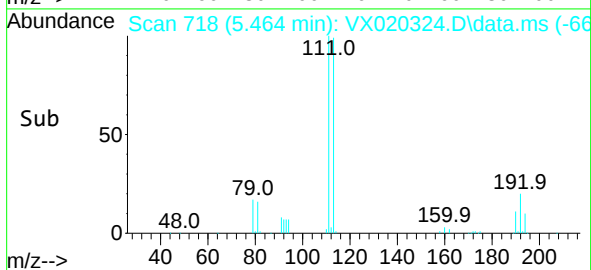
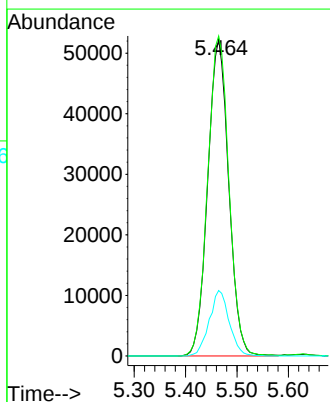
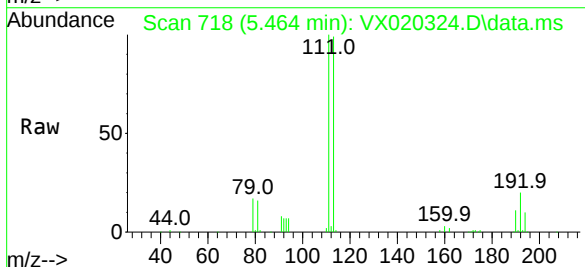
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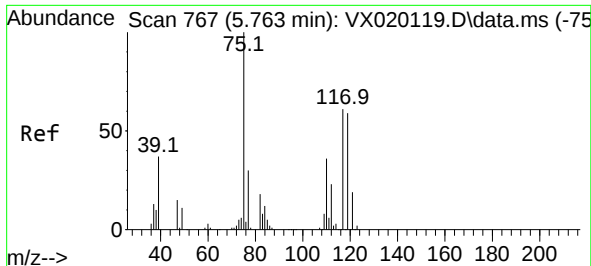
Tgt Ion:114 Resp: 468448
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.40 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Tgt Ion:113 Resp: 148035
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.7 16.7 25.1

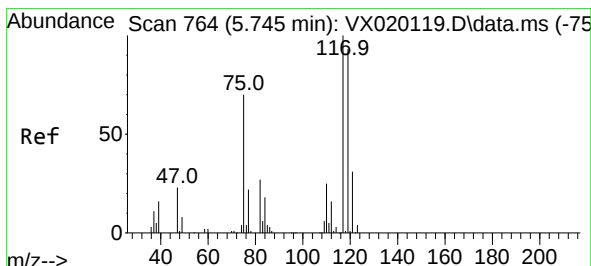
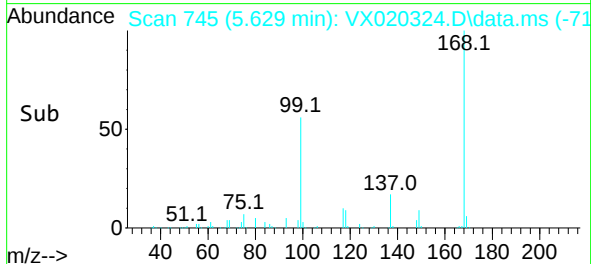
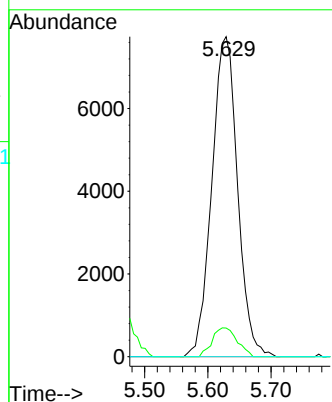
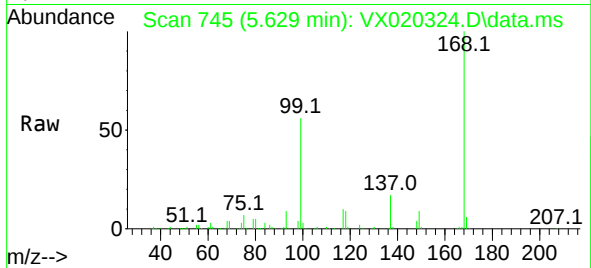




#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

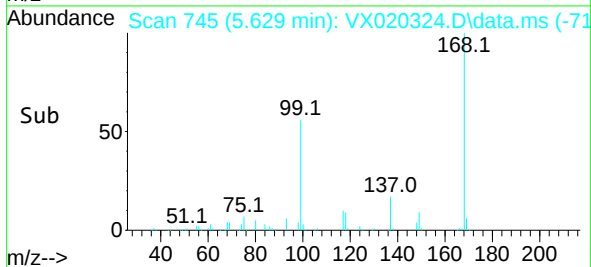
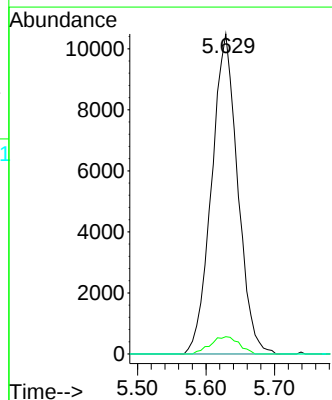
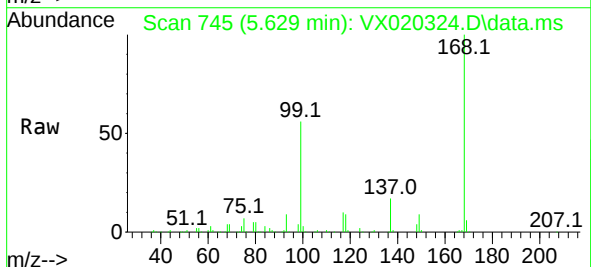
Instrument :
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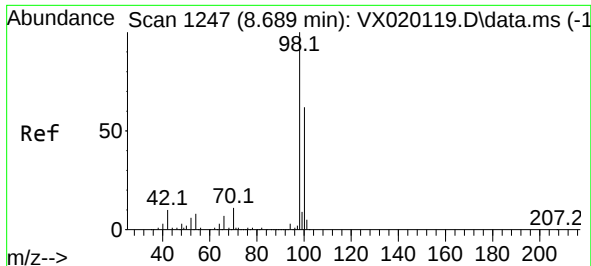
Tgt Ion: 75 Resp: 21853
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Tgt Ion: 117 Resp: 27736
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

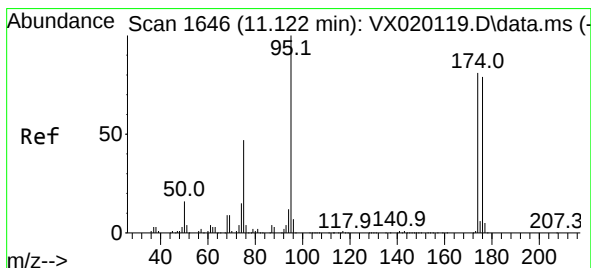
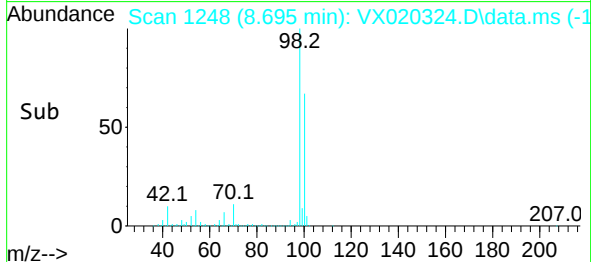
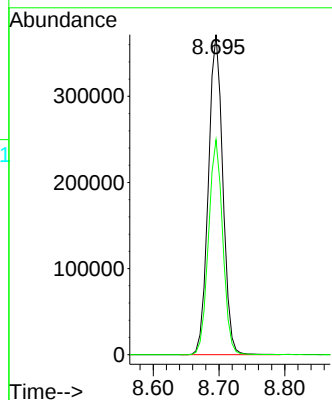
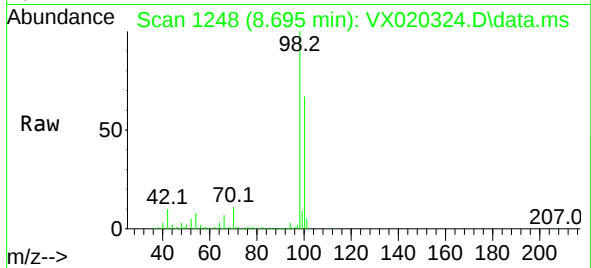




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

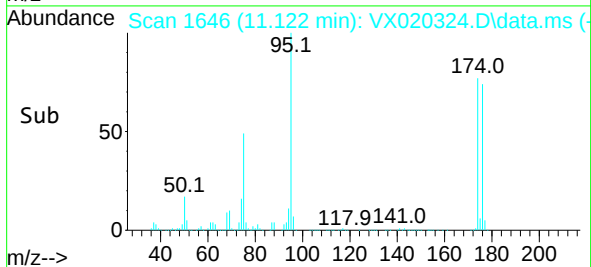
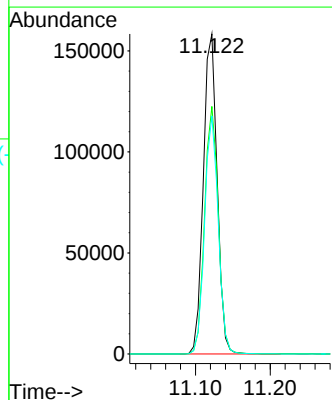
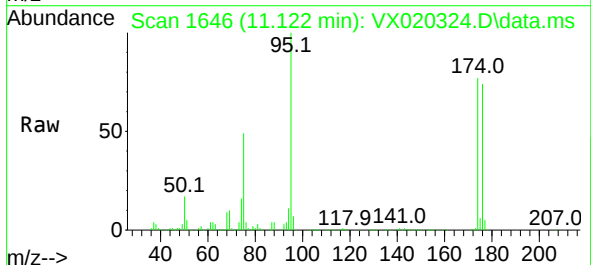
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

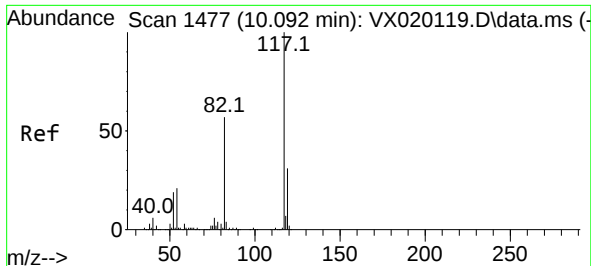
Tgt Ion: 98 Resp: 567340
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.08 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Tgt Ion: 95 Resp: 203423
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 73.1 0.0 155.8

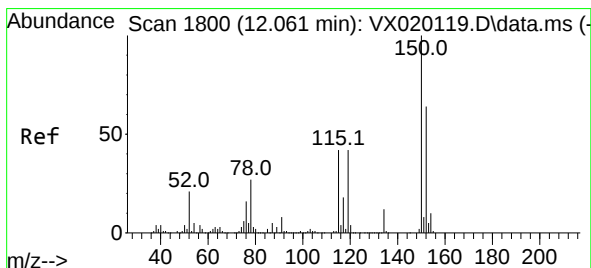
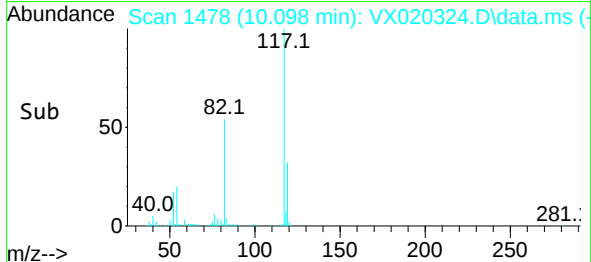
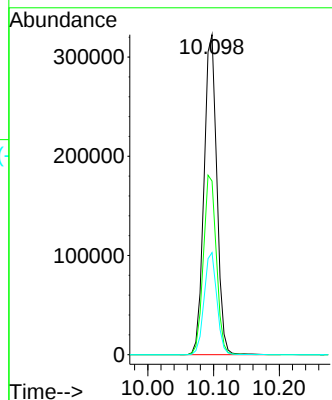
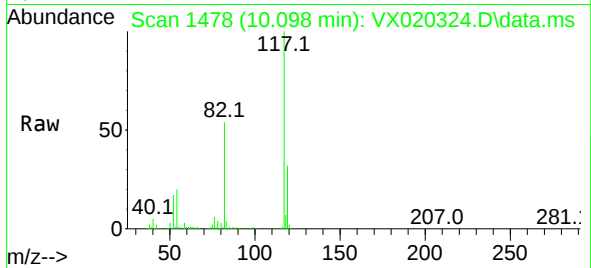




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

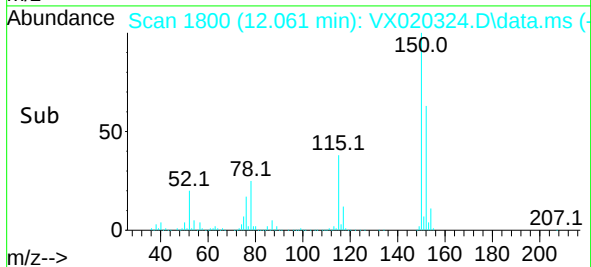
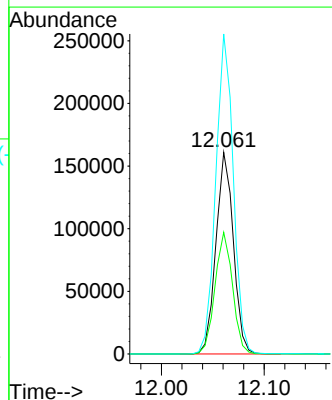
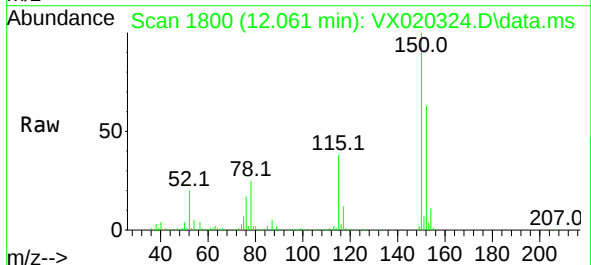
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

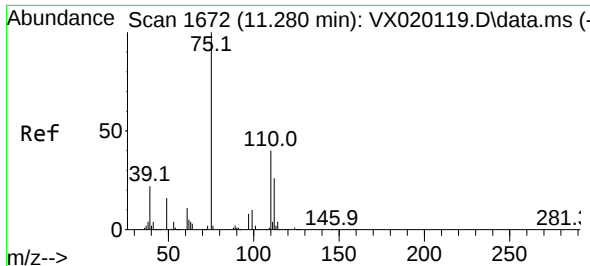
Tgt Ion:117 Resp: 436595
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

Tgt Ion:152 Resp: 189314
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 159.2 0.0 349.0

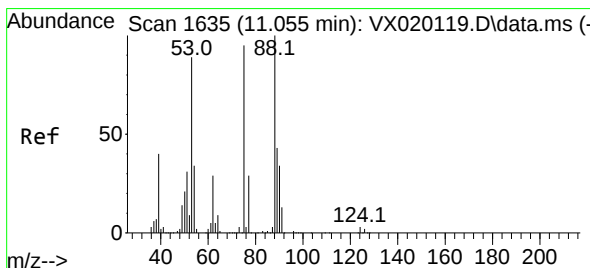
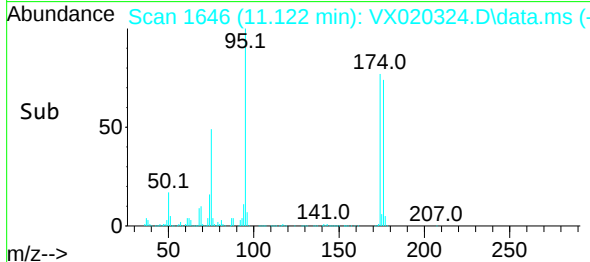
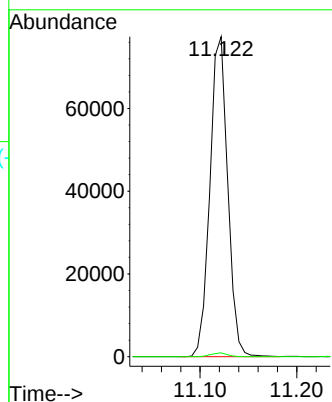
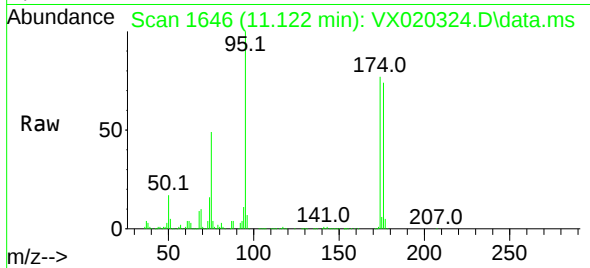




#76
1,2,3-Trichloropropane
Concen: 21.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

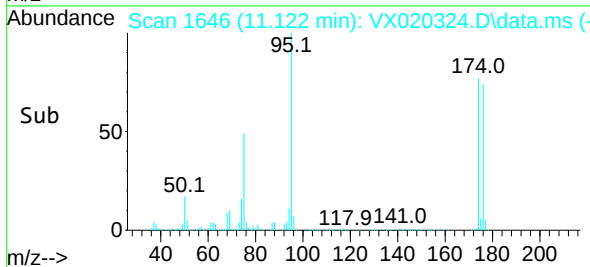
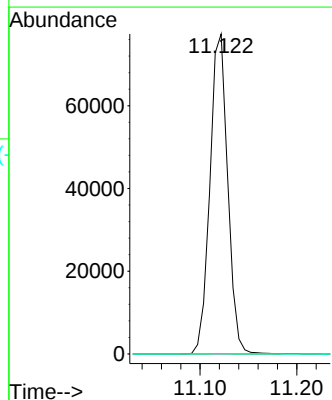
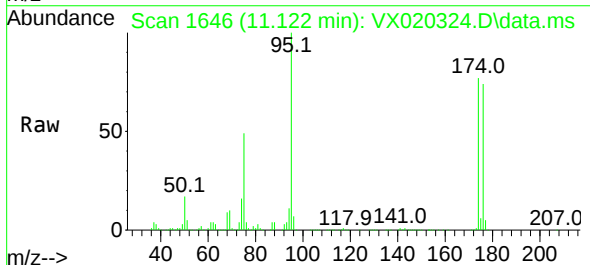
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

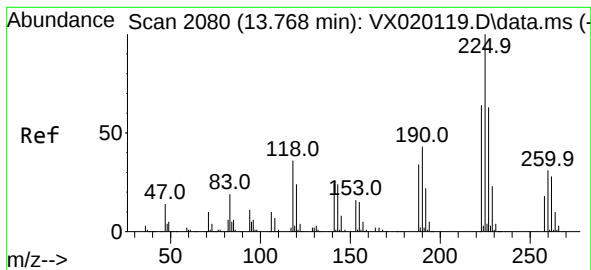
Tgt Ion: 75 Resp: 99035
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020324.D
Acq: 23 Dec 2020 00:03

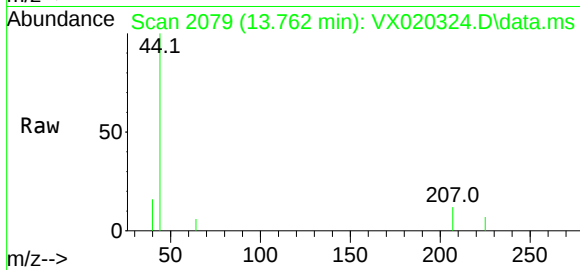
Tgt Ion: 75 Resp: 99035
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.67 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020324.D
 Acq: 23 Dec 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:225 Resp: 45
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 0.0 31.6 95.0#

