

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020249.D
 Acq On : 21 Dec 2020 14:52
 Operator : JC/MD
 Sample : L5145-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:33:17 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)

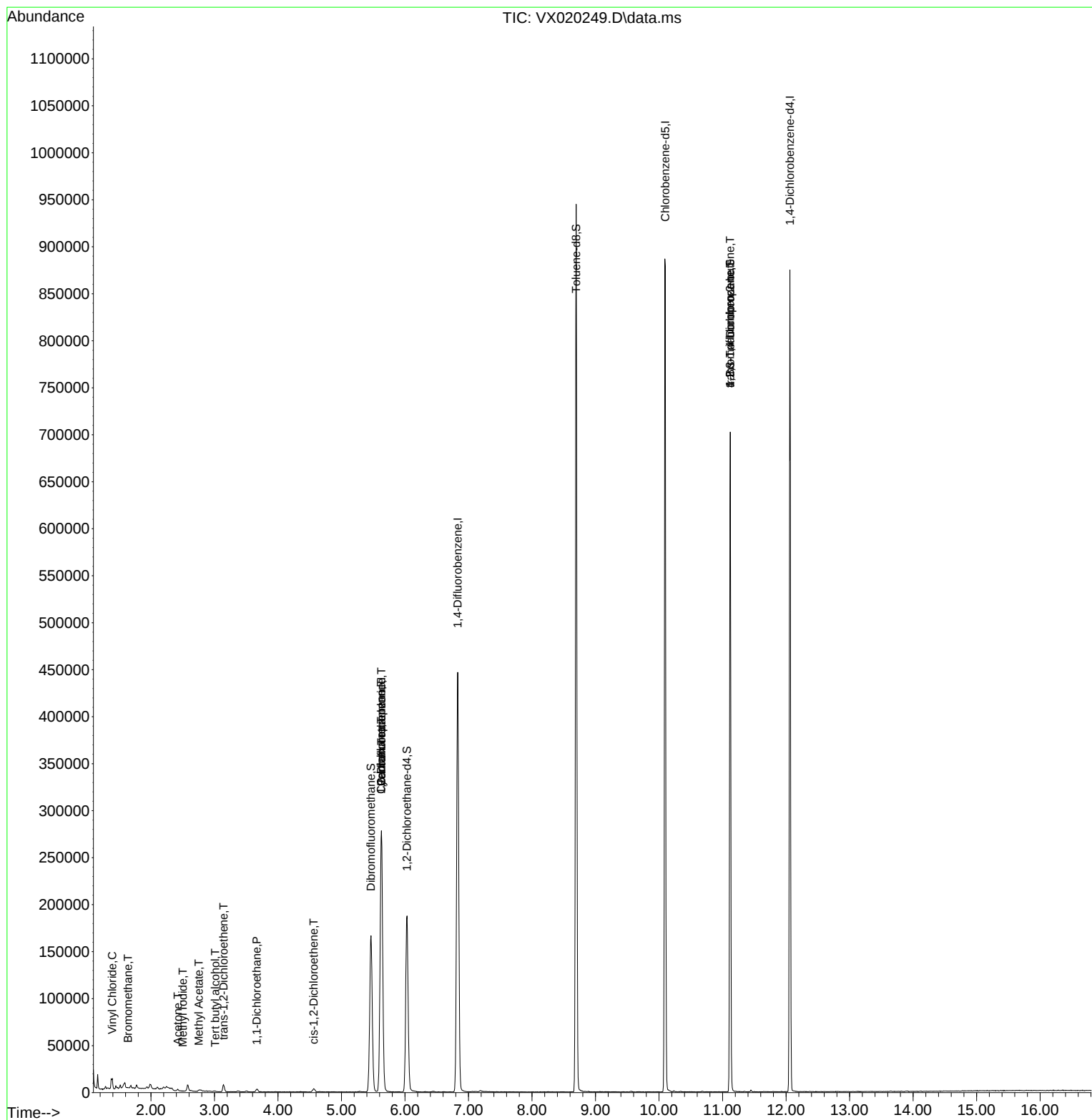
Internal Standards						
1) Pentafluorobenzene	5.629	168	266885	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	448098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	416853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	176782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	178804	49.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.96%
35) Dibromofluoromethane	5.465	113	144885	50.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.08%
50) Toluene-d8	8.696	98	550501	49.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.78%
62) 4-Bromofluorobenzene	11.122	95	191919	45.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.90%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.392	62	1136	0.31	ug/l	92
5) Bromomethane	1.636	94	513	0.44	ug/l #	60
10) Methyl Iodide	2.502	142	128	3.32	ug/l #	79
11) Tert butyl alcohol	3.014	59	792	0.99	ug/l #	73
16) Acetone	2.422	43	1673	1.03	ug/l	96
18) Methyl Acetate	2.752	43	883	0.24	ug/l #	73
21) trans-1,2-Dichloroethene	3.142	96	2690	0.81	ug/l #	90
24) 1,1-Dichloroethane	3.666	63	3418	0.59	ug/l #	90
27) cis-1,2-Dichloroethene	4.562	96	2159	0.58	ug/l	94
31) Cyclohexane	5.623	56	5477	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21230	4.79	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26385	6.26	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	93248	21.41	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93248	63.53	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 22 01:33:17 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

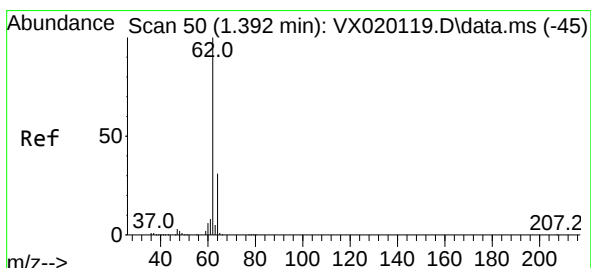
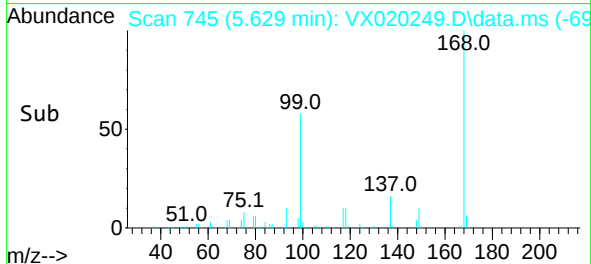
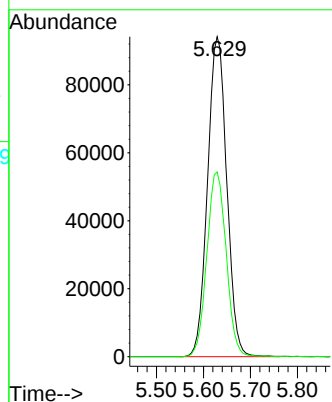
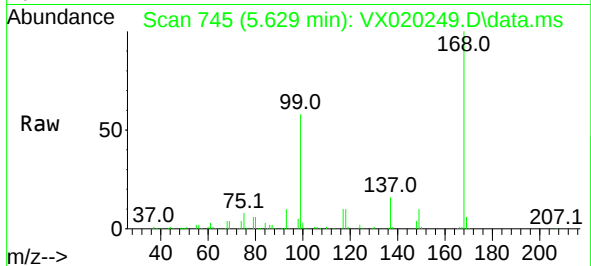




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

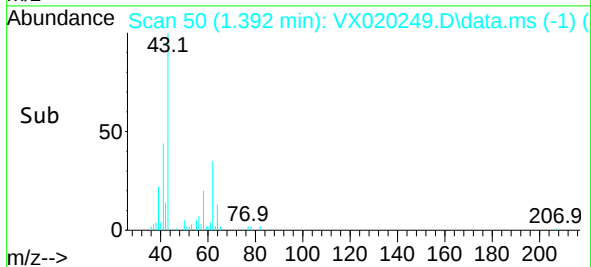
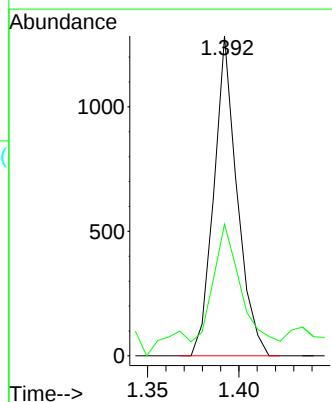
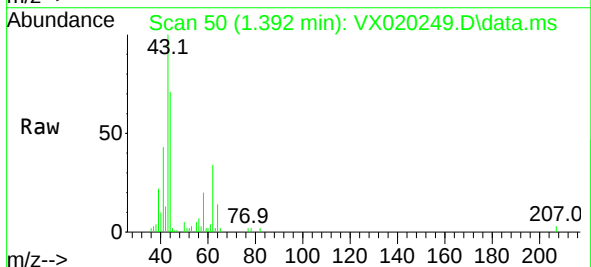
Instrument :
MSVOA_X
ClientSampled :

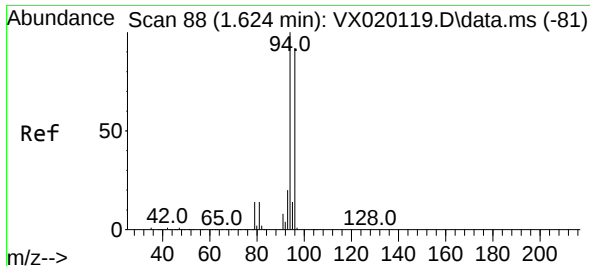
Tgt Ion:168 Resp: 266885
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#4
Vinyl Chloride
Concen: 0.31 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Tgt Ion: 62 Resp: 1136
Ion Ratio Lower Upper
62 100
64 36.6 25.7 38.5

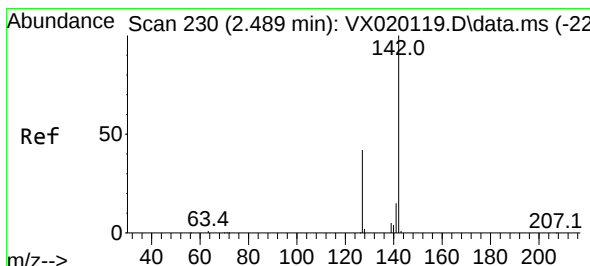
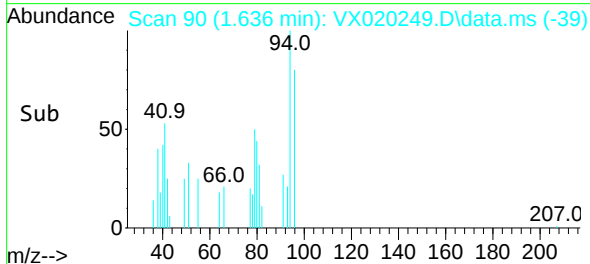
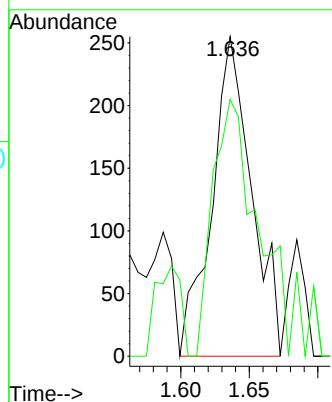
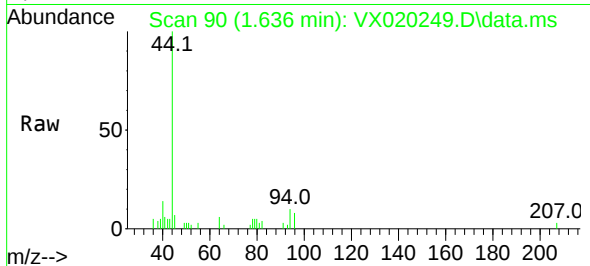




#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

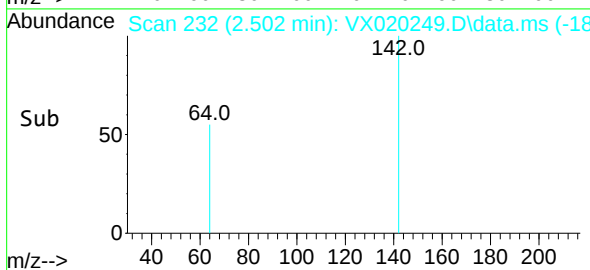
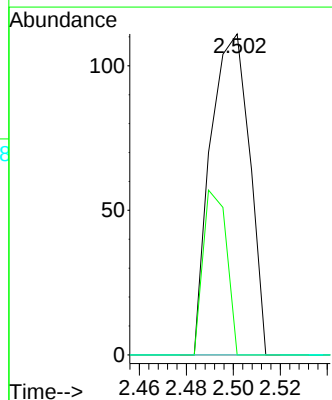
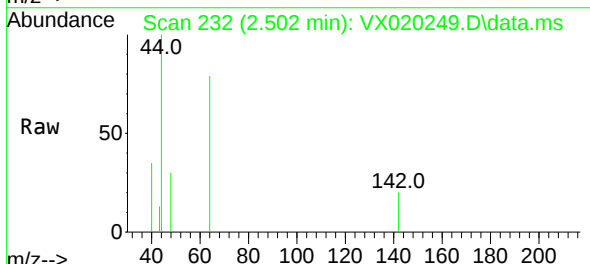
Instrument :
MSVOA_X
ClientSampleId :

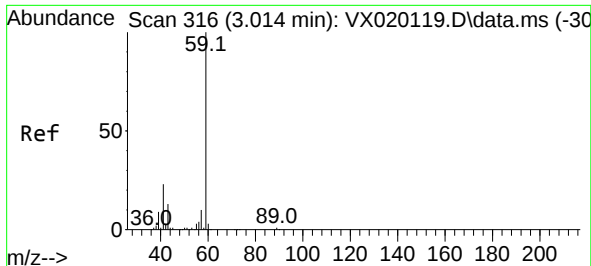
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 56.5 76.4 114.6#



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Tgt Ion: 142 Resp: 128
Ion Ratio Lower Upper
142 100
127 31.3 33.3 49.9#
141 0.0 11.4 17.0#

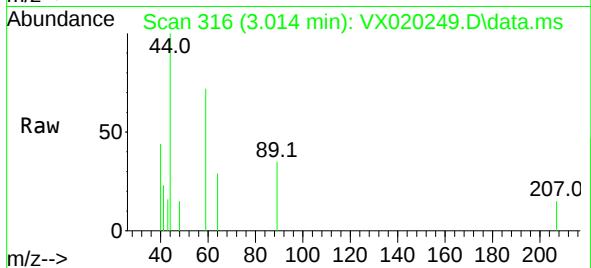




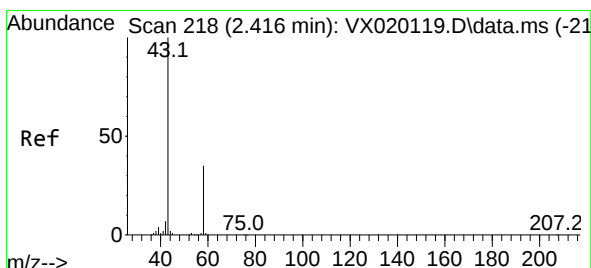
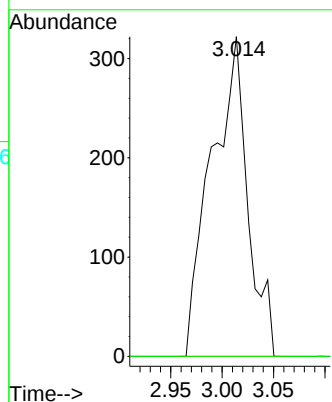
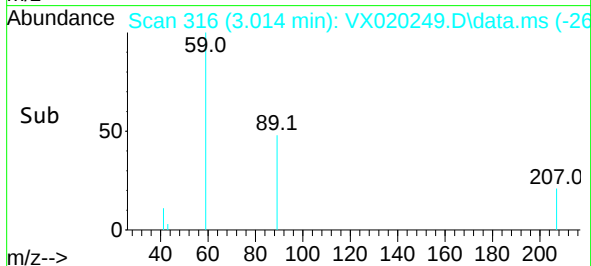
#11

Tert butyl alcohol
Concen: 0.99 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Instrument :
MSVOA_X
ClientSampleId :

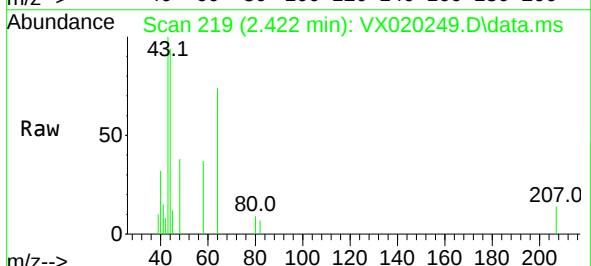


Tgt Ion: 59 Resp: 792
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

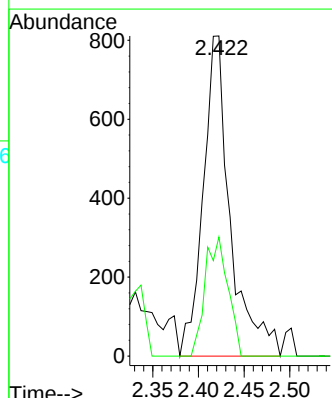
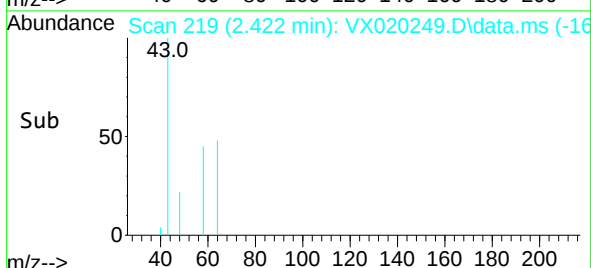


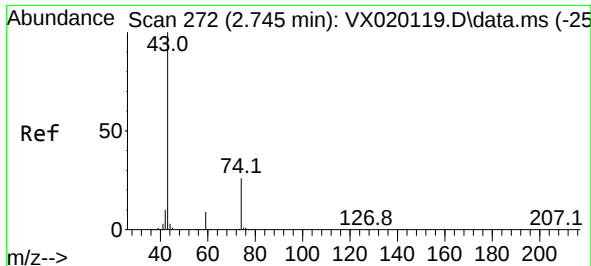
#16

Acetone
Concen: 1.03 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52



Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 37.2 27.8 41.8

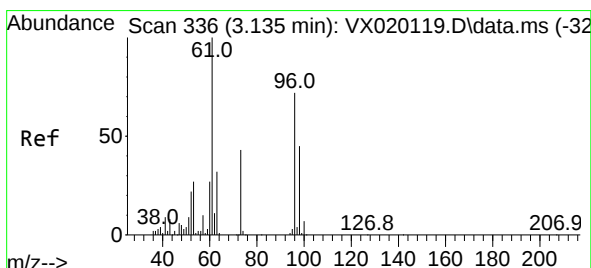
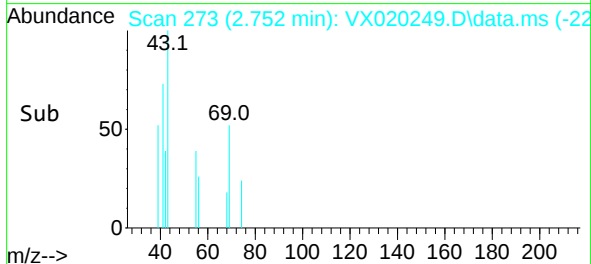
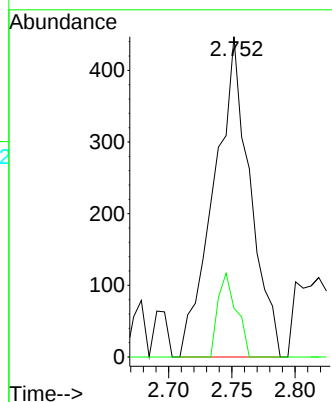
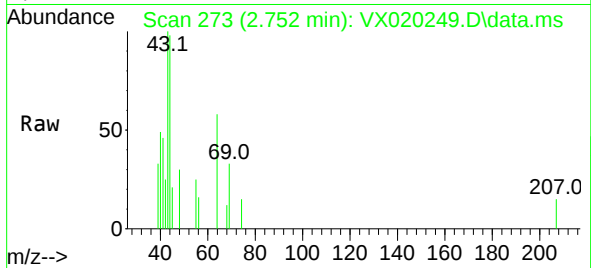




#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

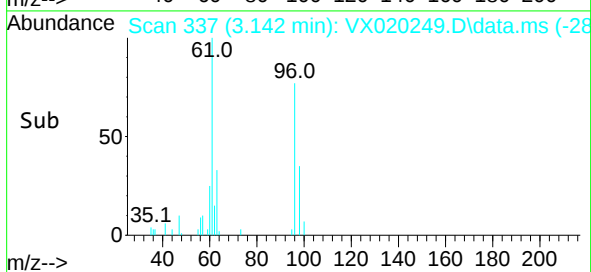
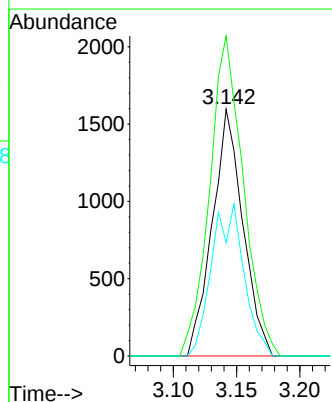
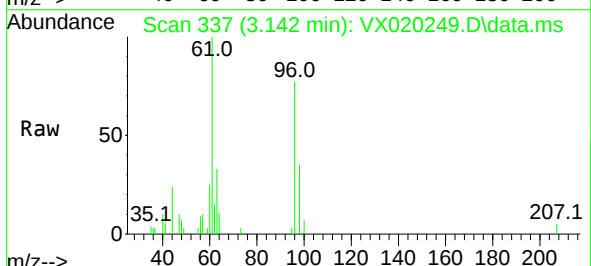
Instrument :
MSVOA_X
ClientSampled :

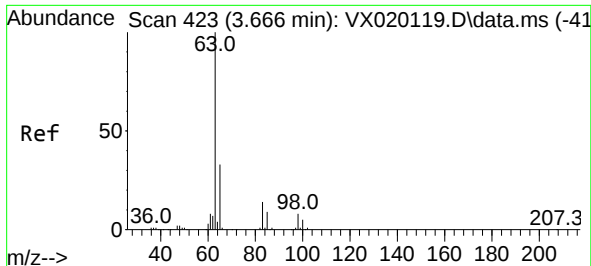
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
74 13.4 21.9 32.9#



#21
trans-1,2-Dichloroethene
Concen: 0.81 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

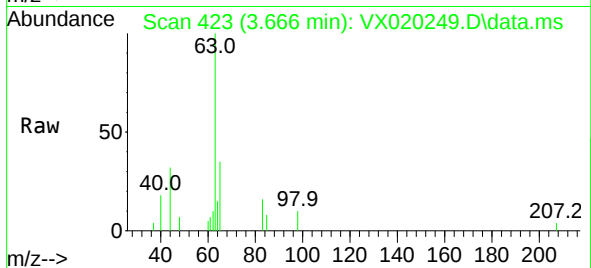
Tgt Ion: 96 Resp: 2690
Ion Ratio Lower Upper
96 100
61 129.8 107.7 161.5
98 46.0 50.4 75.6#



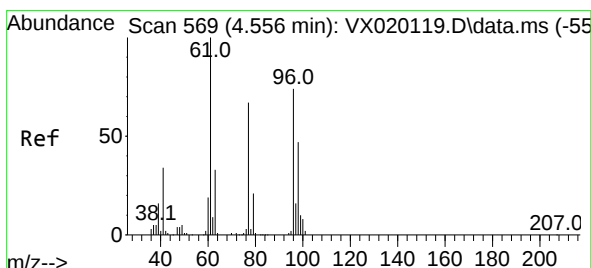
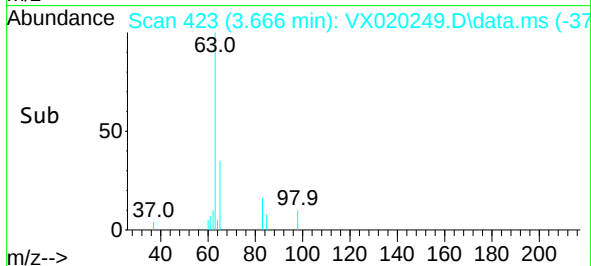
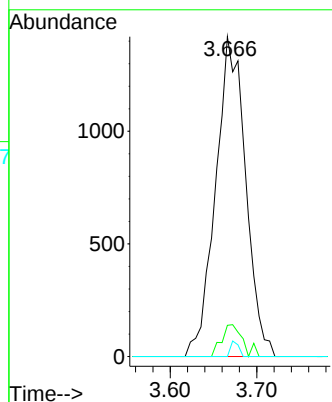


#24
1,1-Dichloroethane
Concen: 0.59 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

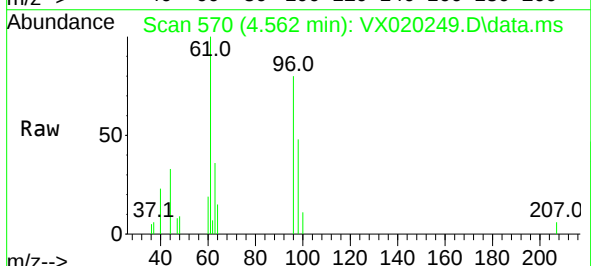
Instrument :
MSVOA_X
ClientSampled :



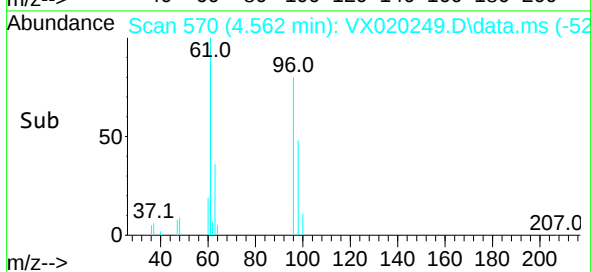
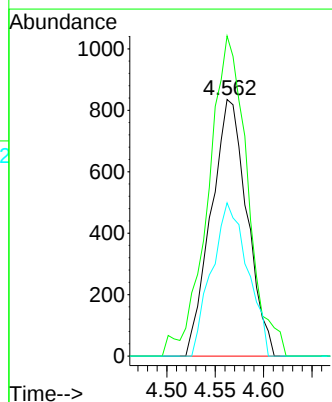
Tgt Ion: 63 Resp: 3418
Ion Ratio Lower Upper
63 100
98 9.8 3.8 11.2
100 0.0 2.5 7.5#

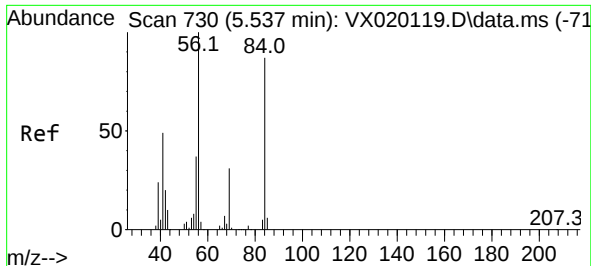


#27
cis-1,2-Dichloroethene
Concen: 0.58 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52



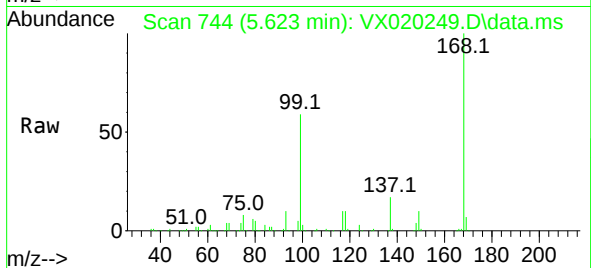
Tgt Ion: 96 Resp: 2159
Ion Ratio Lower Upper
96 100
61 136.5 0.0 285.6
98 59.7 0.0 129.6



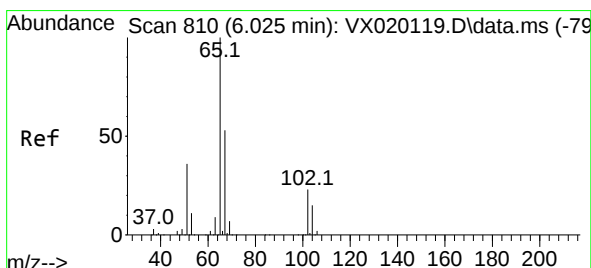
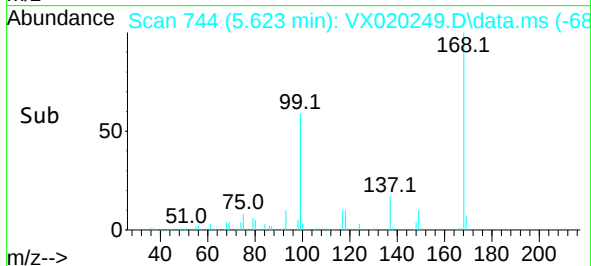
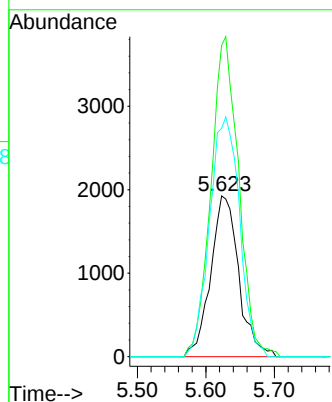


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Instrument :
MSVOA_X
ClientSampleId :

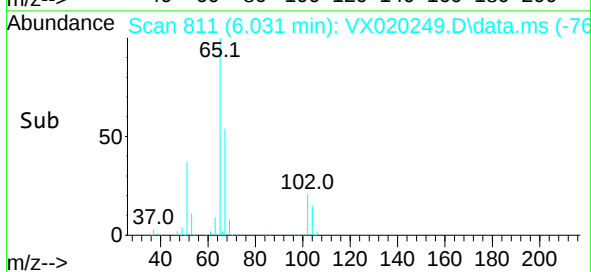
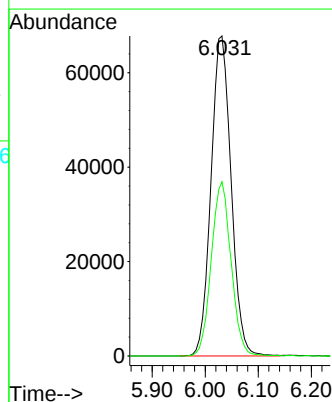
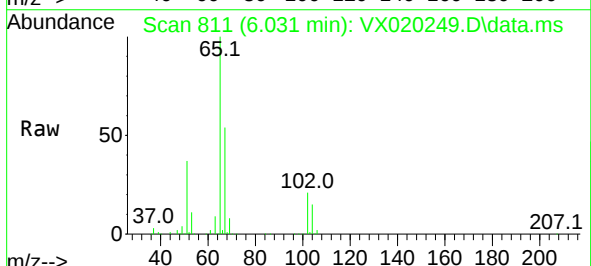


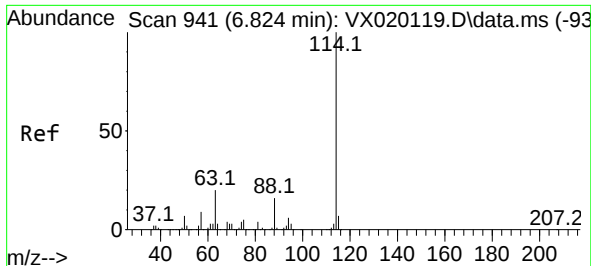
Tgt Ion: 56 Resp: 5477
Ion Ratio Lower Upper
56 100
69 193.7 25.3 37.9#
84 142.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.98 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

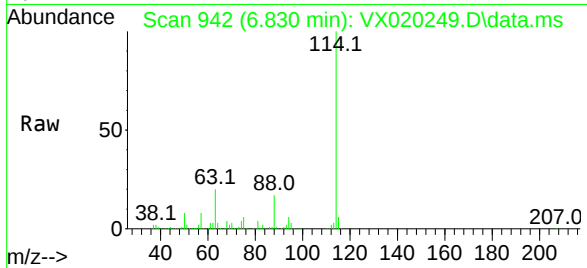
Tgt Ion: 65 Resp: 178804
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



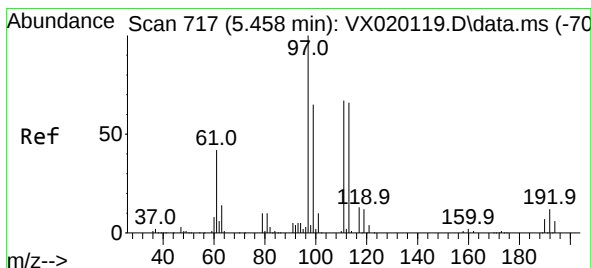
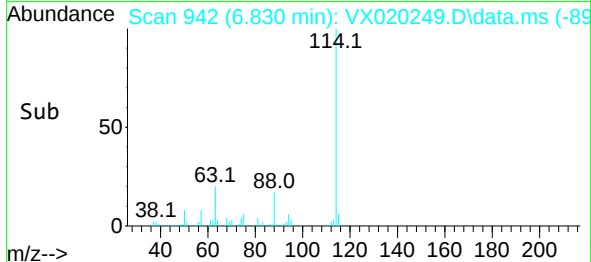
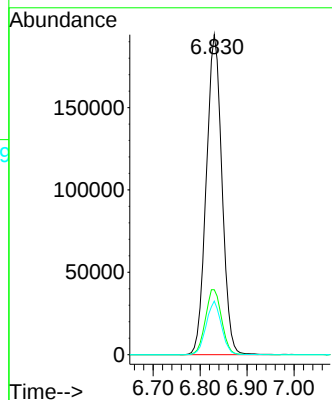


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Instrument :
MSVOA_X
ClientSampled :

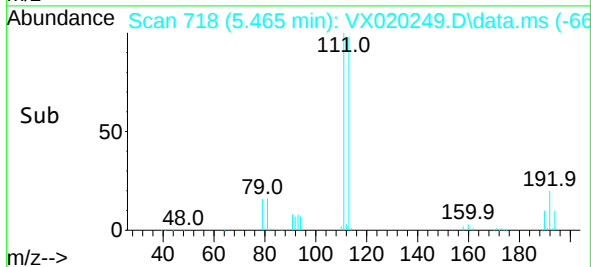
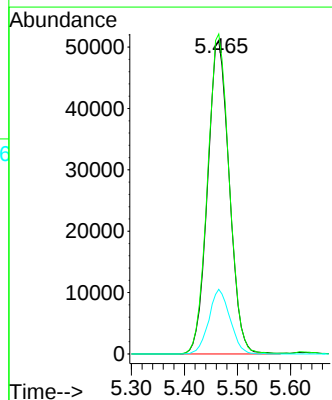
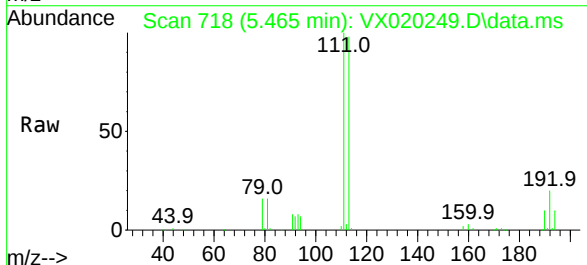


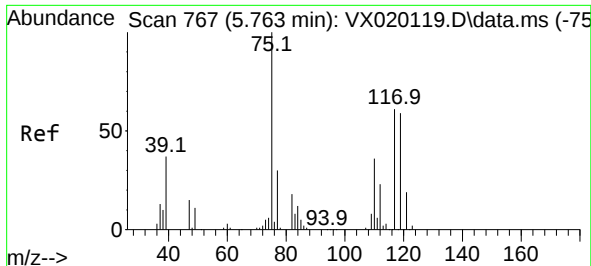
Tgt Ion:114 Resp: 448098
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.54 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Tgt Ion:113 Resp: 144885
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.1 16.7 25.1

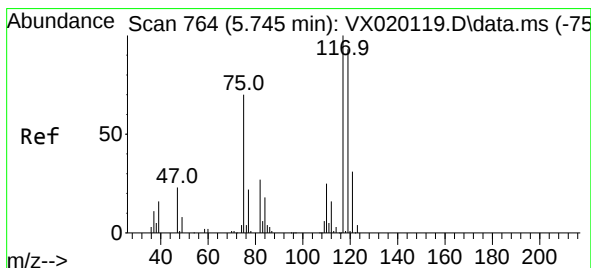
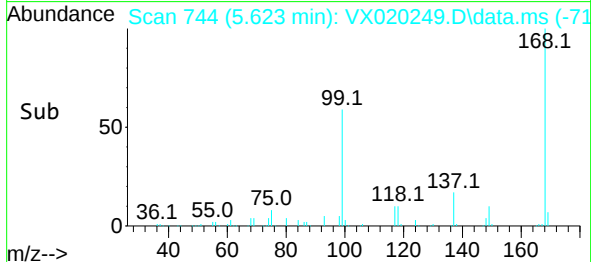
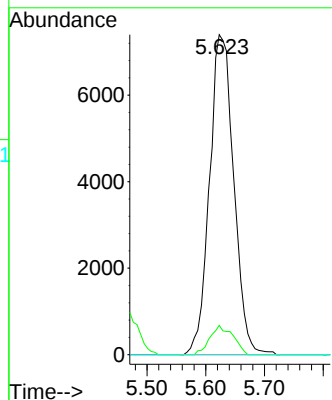
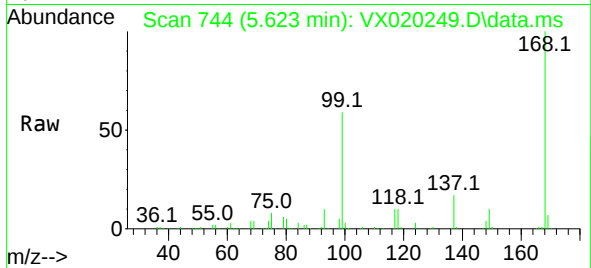




#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

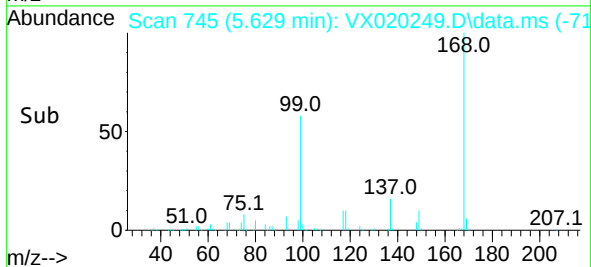
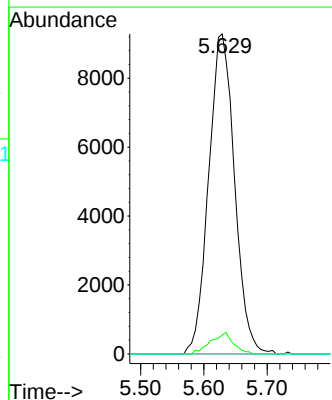
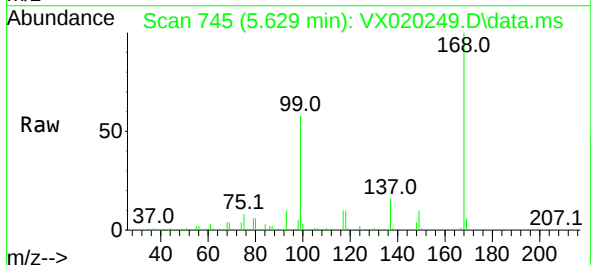
Instrument :
MSVOA_X
ClientSampled :

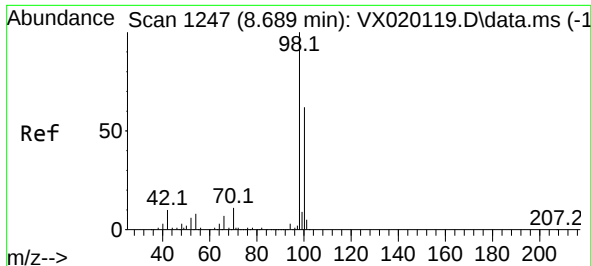
Tgt Ion: 75 Resp: 21230
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Tgt Ion: 117 Resp: 26385
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

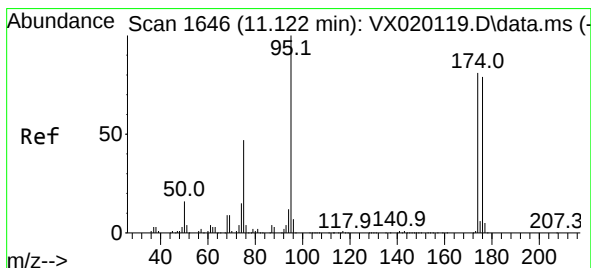
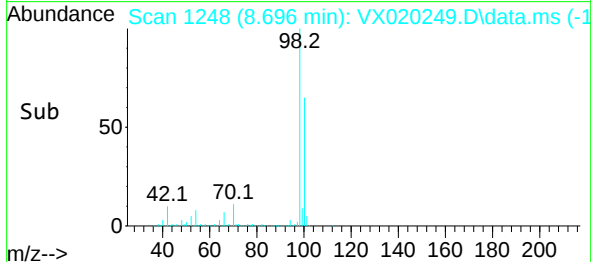
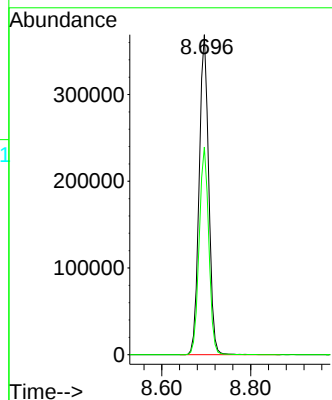
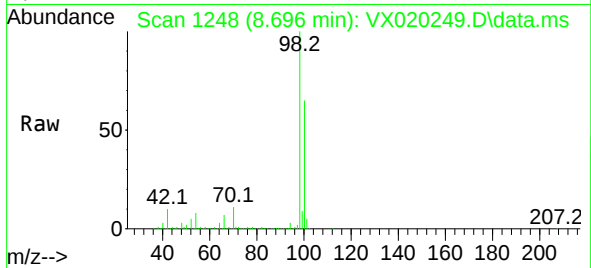




#50
Toluene-d8
Concen: 49.89 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

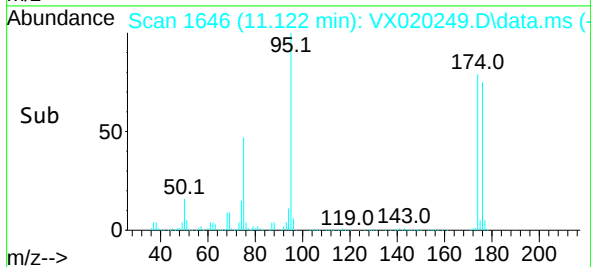
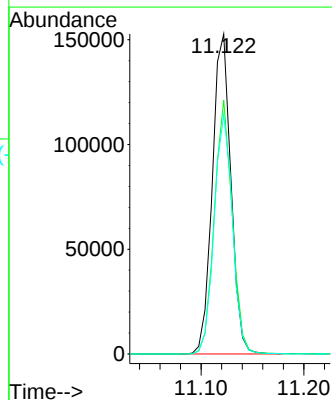
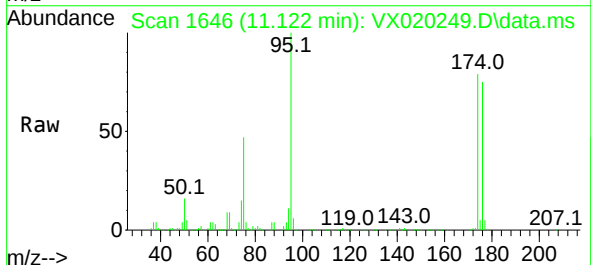
Instrument :
MSVOA_X
ClientSampled :

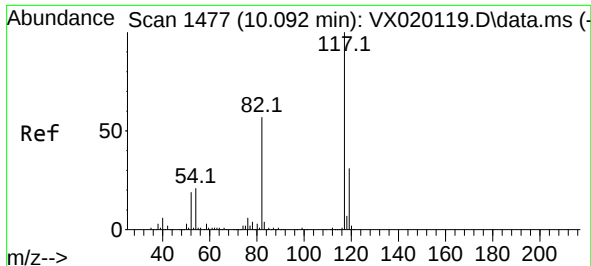
Tgt Ion: 98 Resp: 550501
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.45 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Tgt Ion: 95 Resp: 191919
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 73.7 0.0 155.8

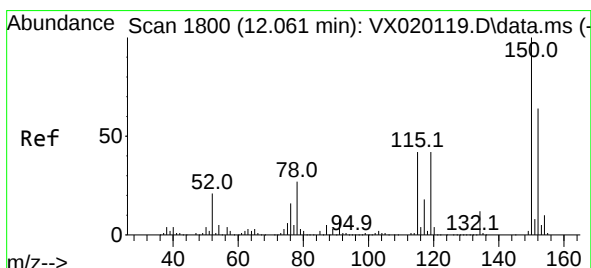
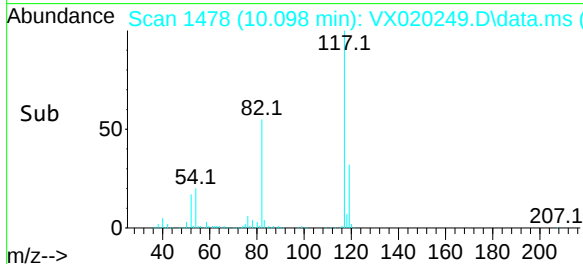
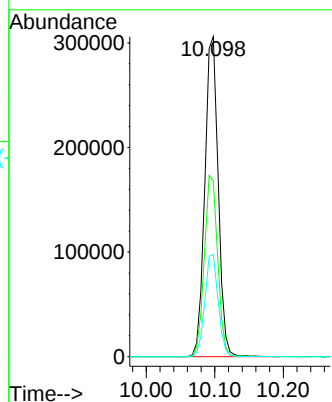
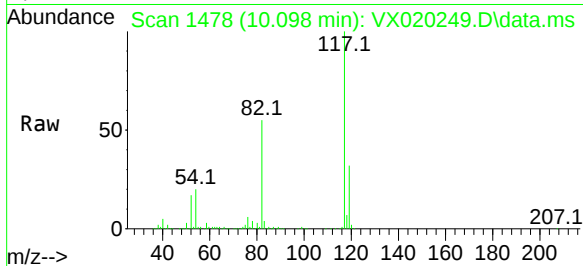




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

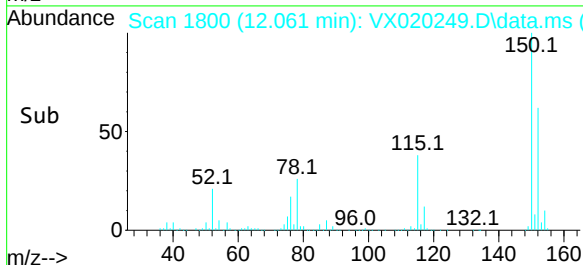
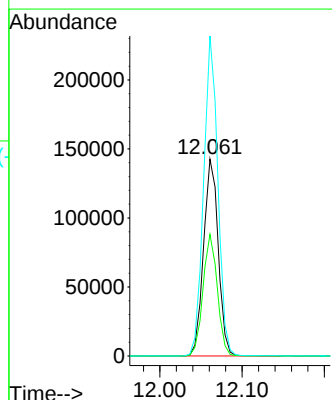
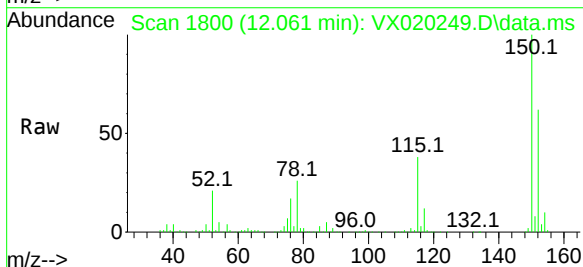
Instrument :
MSVOA_X
ClientSampleId :

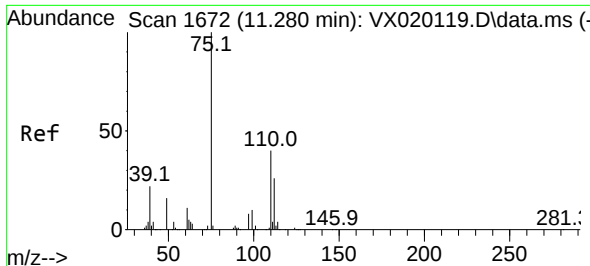
Tgt Ion:117 Resp: 416853
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Tgt Ion:152 Resp: 176782
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.4 0.0 349.0

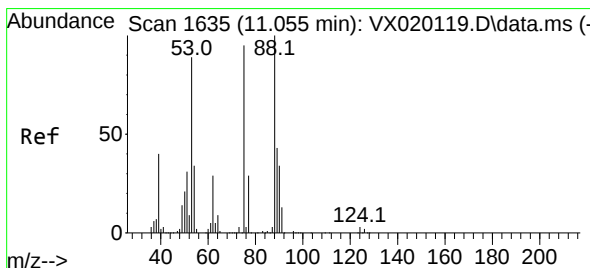
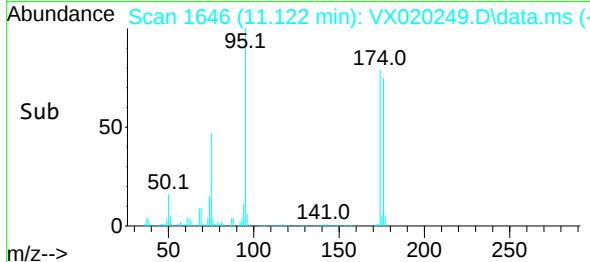
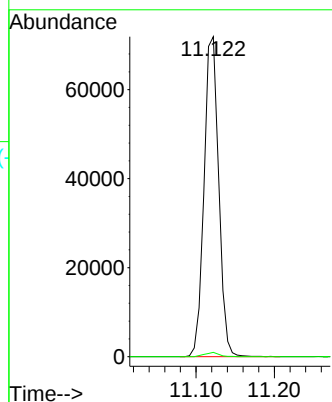
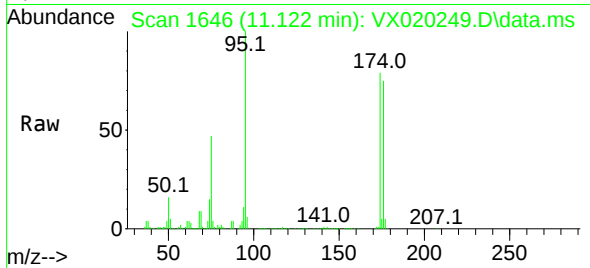




#76
1,2,3-Trichloropropane
Concen: 21.41 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 93248
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.53 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020249.D
Acq: 21 Dec 2020 14:52

Tgt Ion: 75 Resp: 93248
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

