

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020253.D
 Acq On : 21 Dec 2020 16:26
 Operator : JC/MD
 Sample : L5145-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:34:32 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)

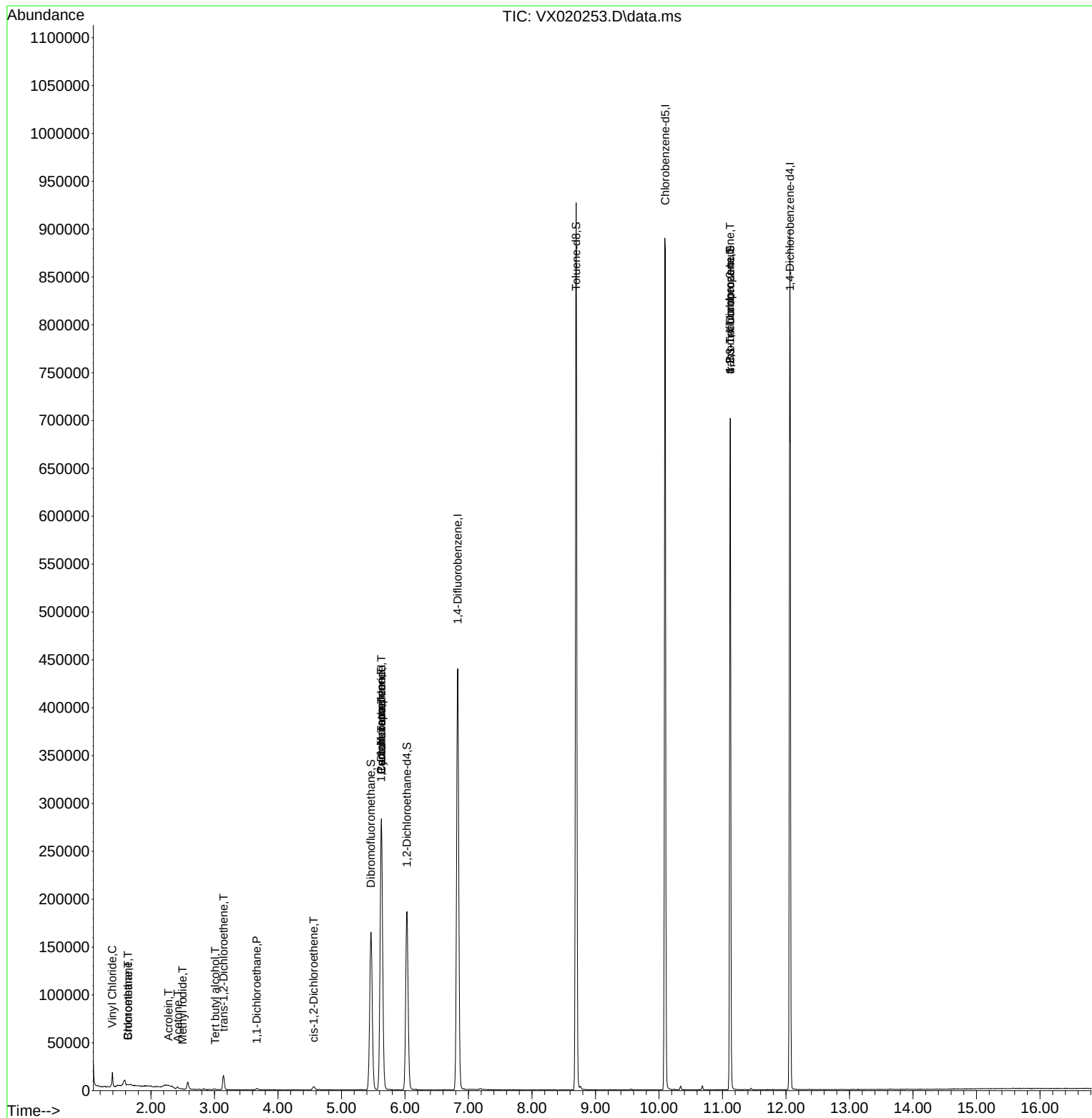
Internal Standards						
1) Pentafluorobenzene	5.629	168	266908	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	447360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	419790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	182011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	180363	50.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.82%	
35) Dibromofluoromethane	5.465	113	144475	50.48	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.96%	
50) Toluene-d8	8.696	98	550317	49.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.92%	
62) 4-Bromofluorobenzene	11.122	95	192233	45.60	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.20%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	7992	2.18	ug/l	99
5) Bromomethane	1.636	94	521	0.44	ug/l	82
6) Chloroethane	1.636	64	1130	0.50	ug/l #	61
10) Methyl Iodide	2.496	142	88	3.31	ug/l #	42
11) Tert butyl alcohol	3.014	59	812	1.01	ug/l #	73
13) Acrolein	2.276	56	122	0.24	ug/l #	14
16) Acetone	2.422	43	1800	1.10	ug/l #	83
21) trans-1,2-Dichloroethene	3.142	96	6532	1.97	ug/l	99
24) 1,1-Dichloroethane	3.666	63	1928	0.33	ug/l #	89
27) cis-1,2-Dichloroethene	4.562	96	2133	0.57	ug/l	99
31) Cyclohexane	5.629	56	5288	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20883	4.72	ug/l #	49
38) Carbon Tetrachloride	5.629	117	26912	6.40	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	93589	20.87	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93589	61.93	ug/l #	12

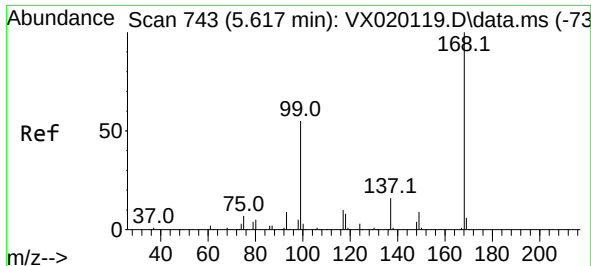
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 01:34:32 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

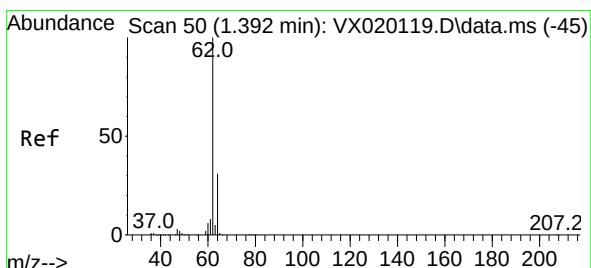
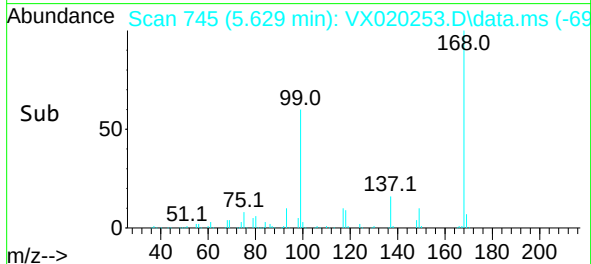
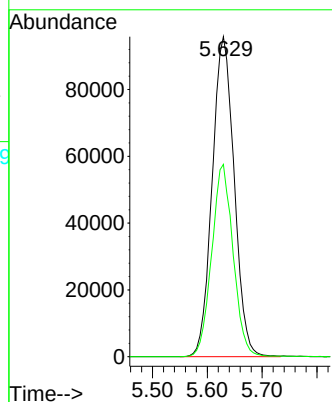
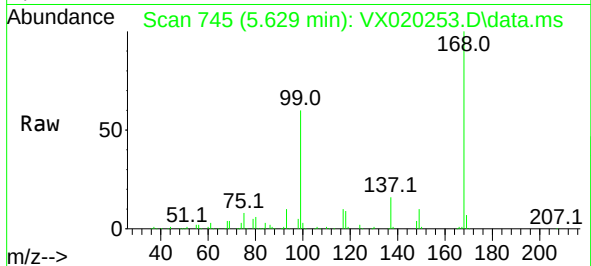




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

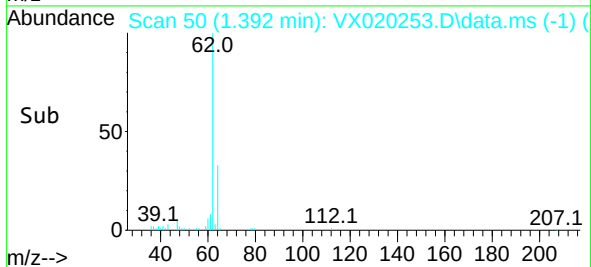
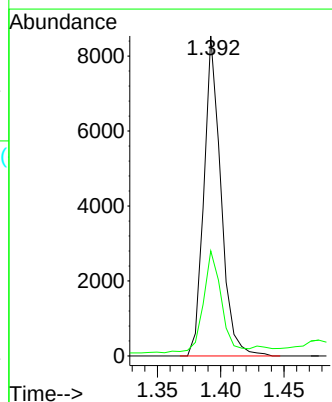
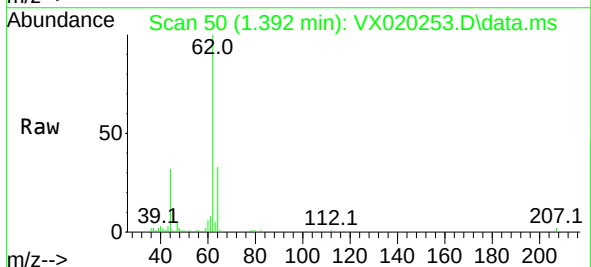
Instrument :
MSVOA_X
ClientSampleId :

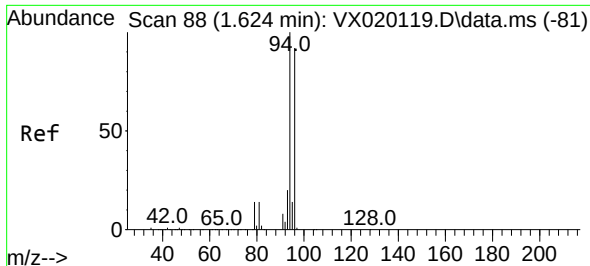
Tgt Ion:168 Resp: 266908
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#4
Vinyl Chloride
Concen: 2.18 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Tgt Ion: 62 Resp: 7992
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5

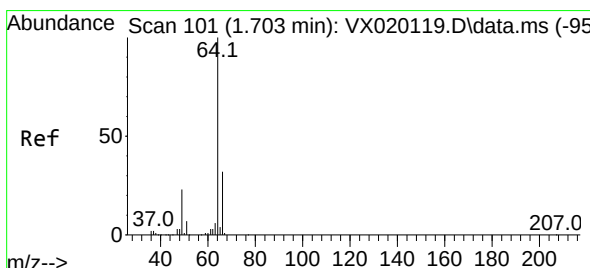
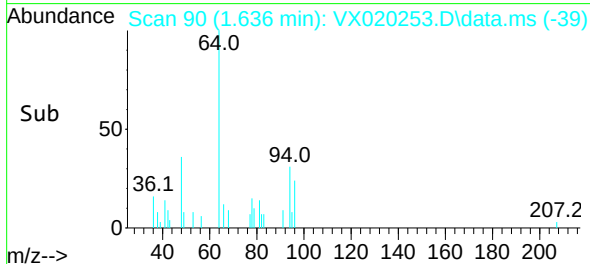
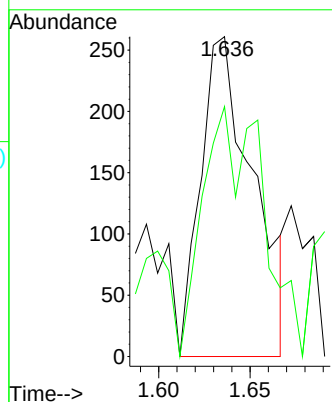
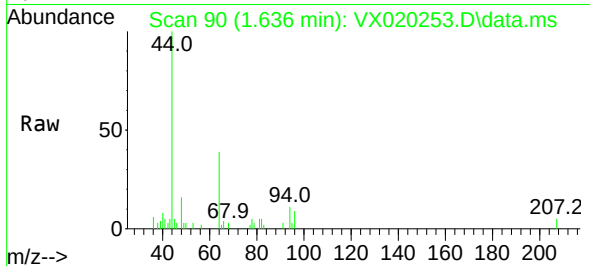




#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

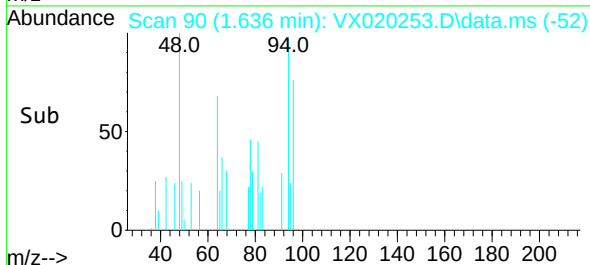
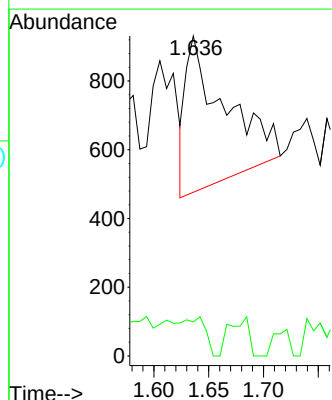
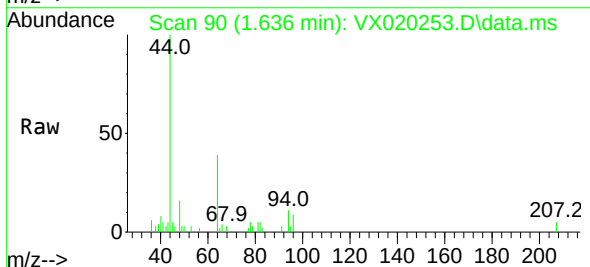
Instrument :
MSVOA_X
ClientSampled :

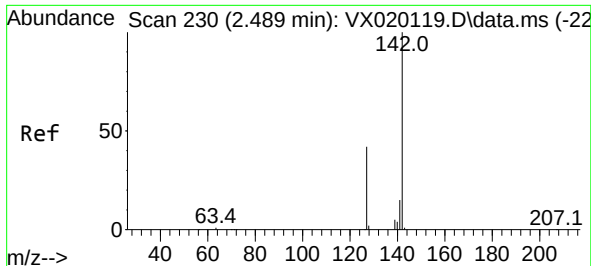
Tgt Ion: 94 Resp: 521
Ion Ratio Lower Upper
94 100
96 78.2 76.4 114.6



#6
Chloroethane
Concen: 0.50 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.067 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

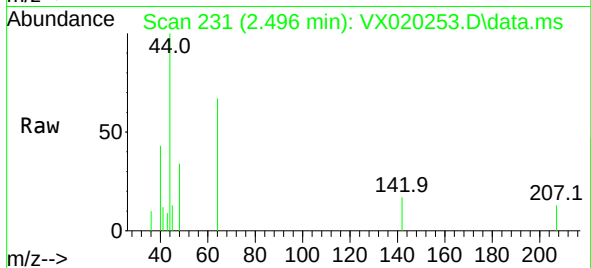
Tgt Ion: 64 Resp: 1130
Ion Ratio Lower Upper
64 100
66 10.0 25.4 38.0#



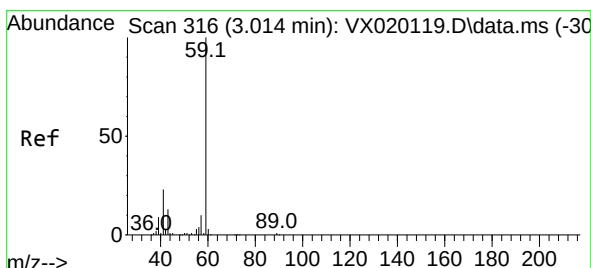
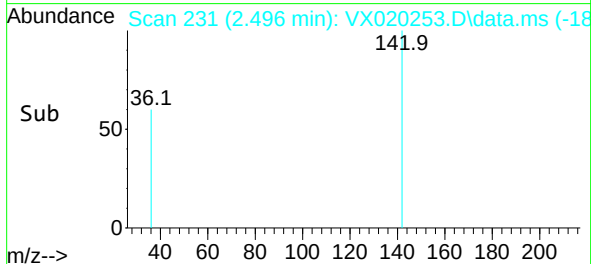
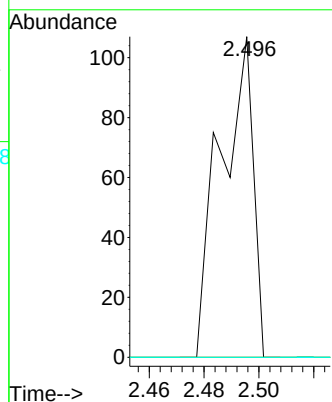


#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Instrument :
MSVOA_X
ClientSampled :

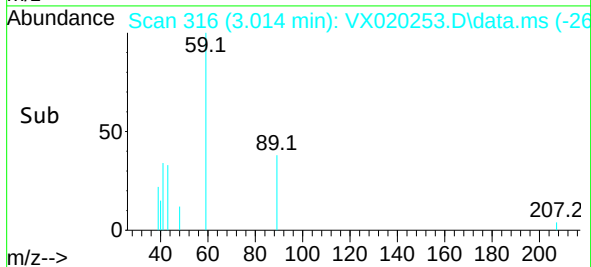
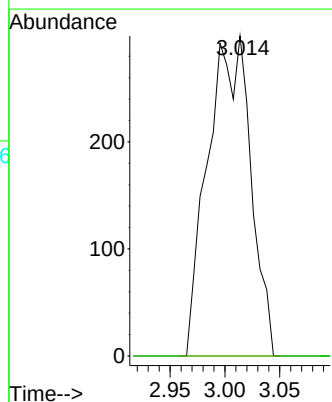
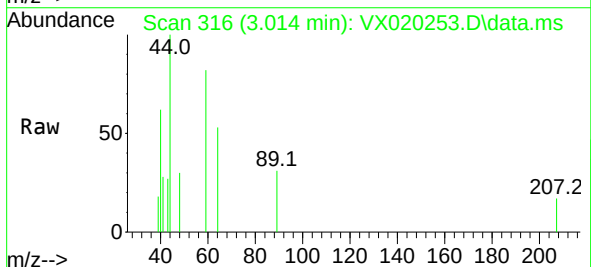


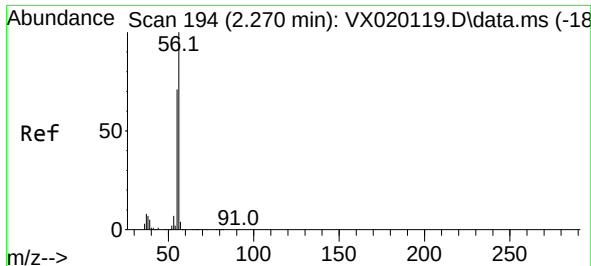
Tgt Ion:142 Resp: 88
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.01 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Tgt Ion: 59 Resp: 812
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

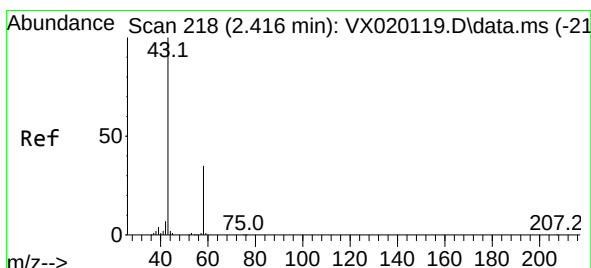
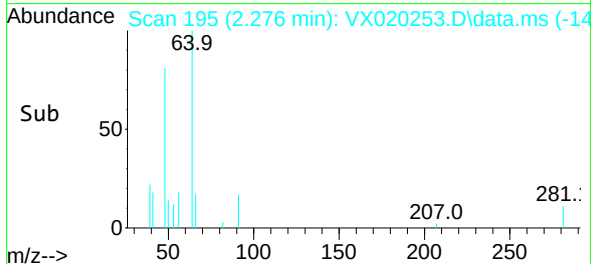
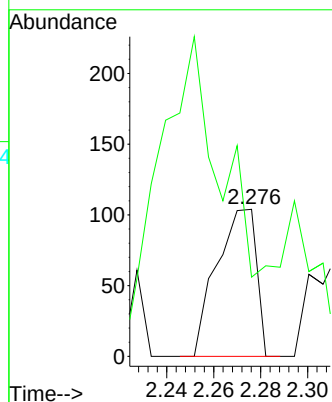
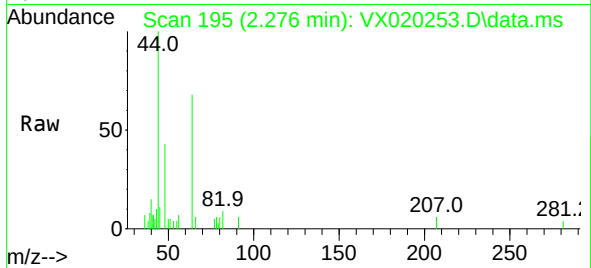




#13
Acrolein
Concen: 0.24 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

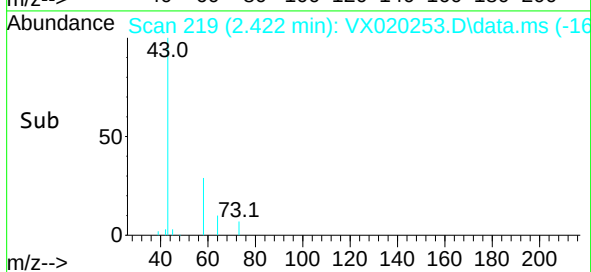
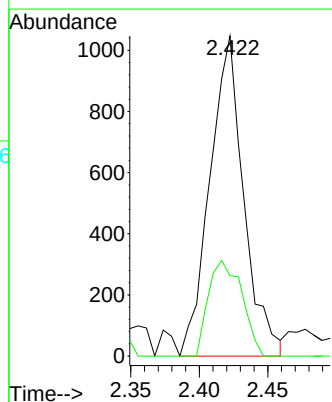
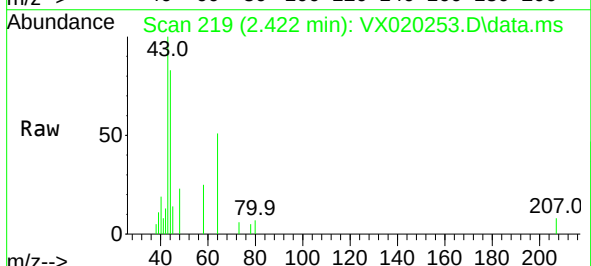
Instrument :
MSVOA_X
ClientSampleId :

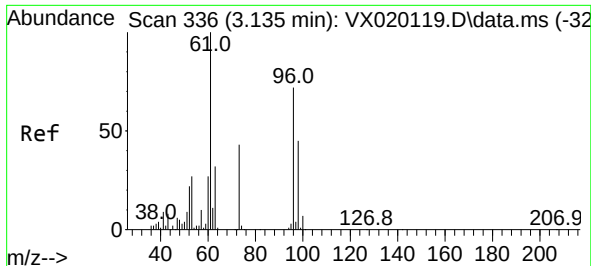
Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.10 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

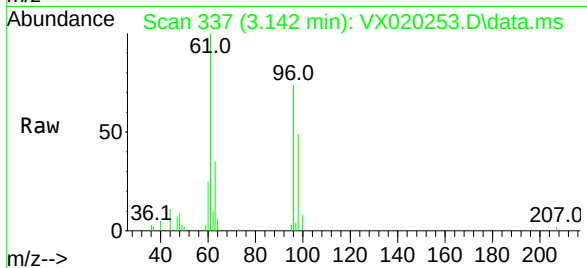
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#





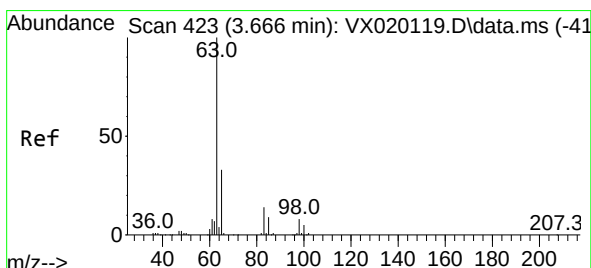
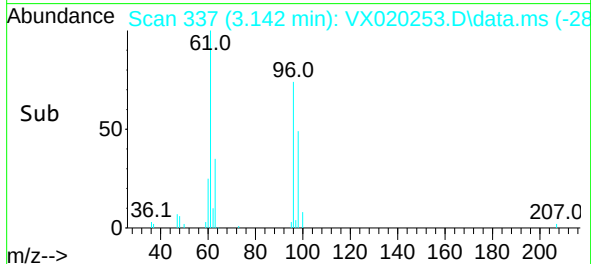
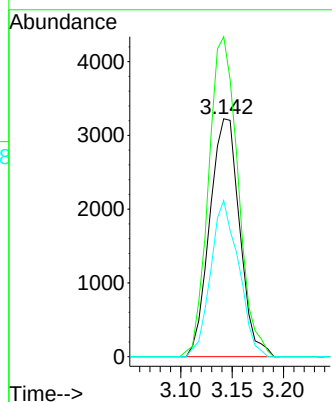
#21
trans-1,2-Dichloroethene
Concen: 1.97 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 6532

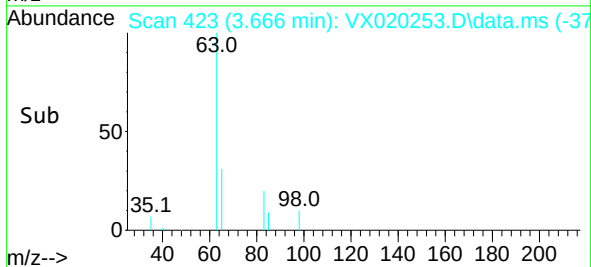
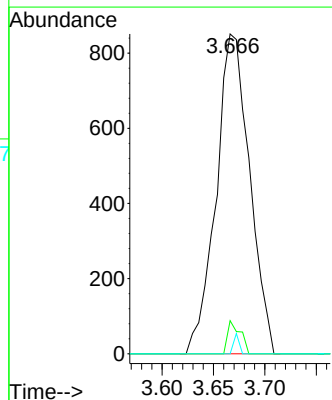
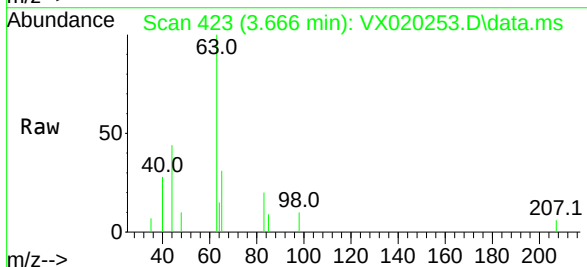
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.7	161.5
98	65.6	50.4	75.6

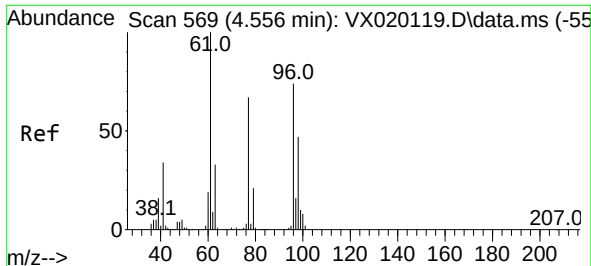


#24
1,1-Dichloroethane
Concen: 0.33 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Tgt Ion: 63 Resp: 1928

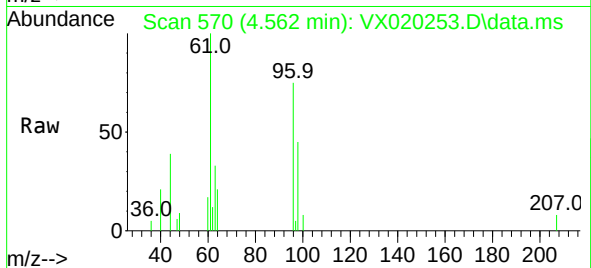
Ion	Ratio	Lower	Upper
63	100		
98	10.3	3.8	11.2
100	0.0	2.5	7.5#



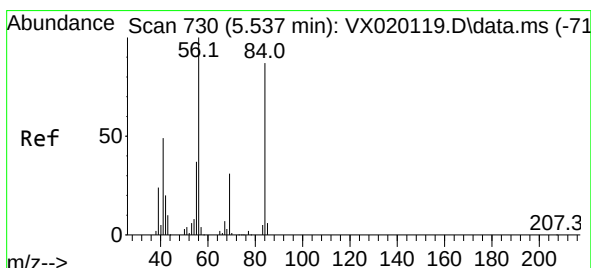
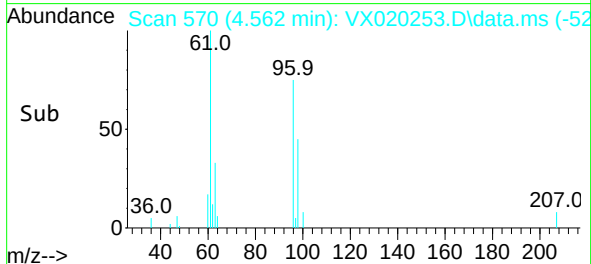
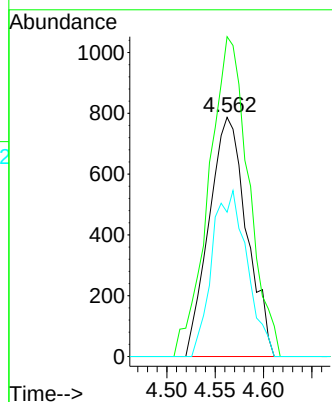


#27
 cis-1,2-Dichloroethene
 Concen: 0.57 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020253.D
 Acq: 21 Dec 2020 16:26

Instrument :
 MSVOA_X
 ClientSampled :

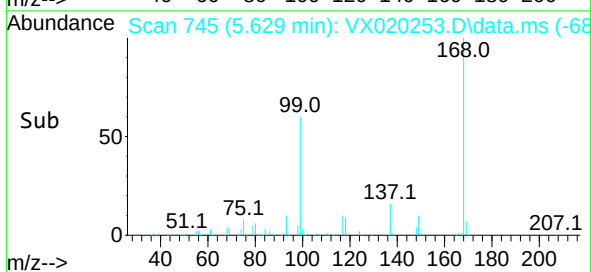
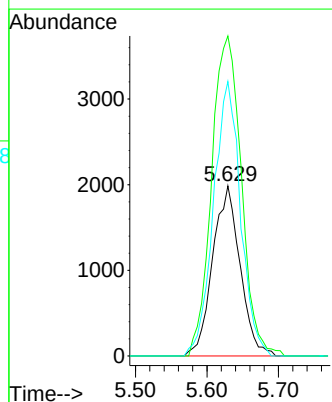
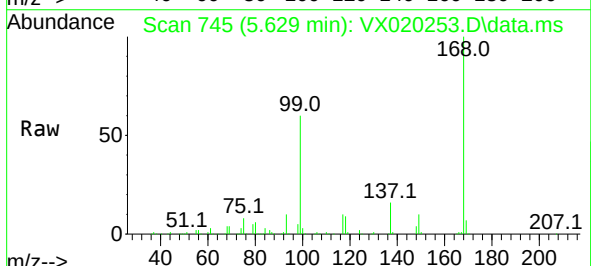


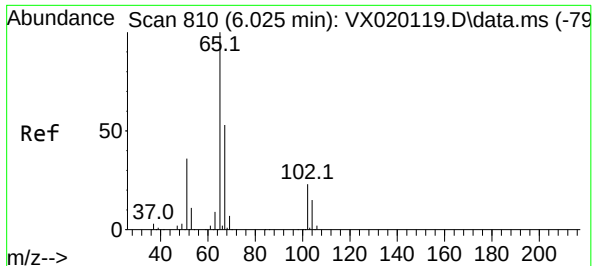
Tgt Ion:	96	Resp:	2133
Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	285.6
98	64.5	0.0	129.6



#31
 Cyclohexane
 Concen: 1.07 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.092 min
 Lab File: VX020253.D
 Acq: 21 Dec 2020 16:26

Tgt Ion:	56	Resp:	5288
Ion	Ratio	Lower	Upper
56	100		
69	188.2	25.3	37.9#
84	161.3	71.4	107.0#

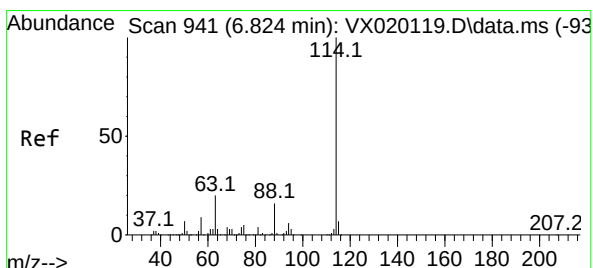
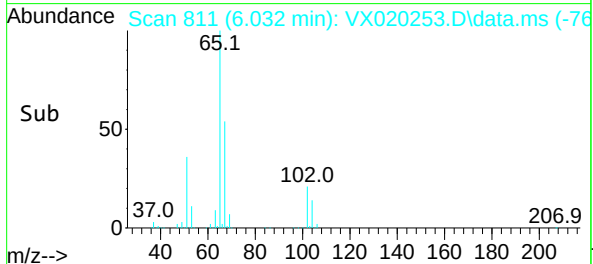
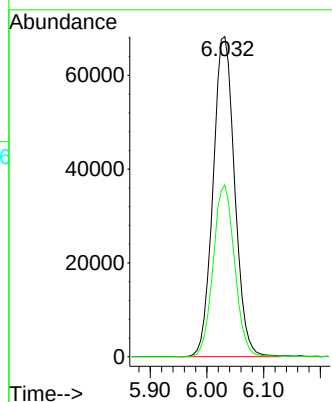
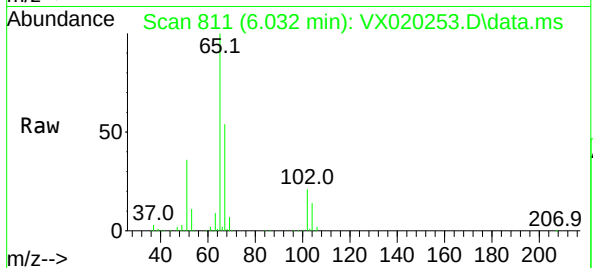




#33
1,2-Dichloroethane-d4
Concen: 50.41 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

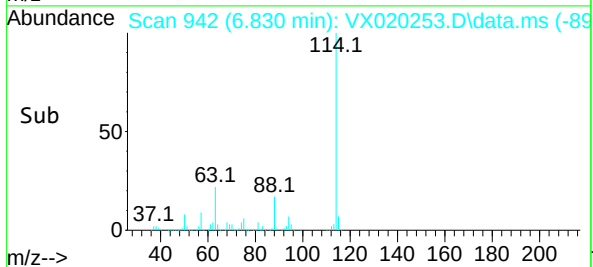
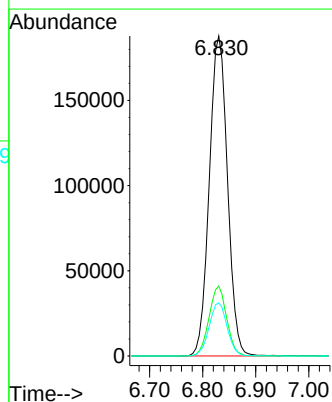
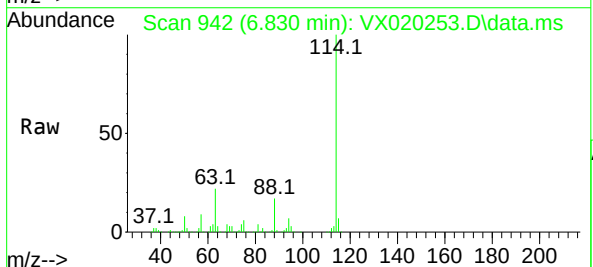
Instrument :
MSVOA_X
ClientSampleId :

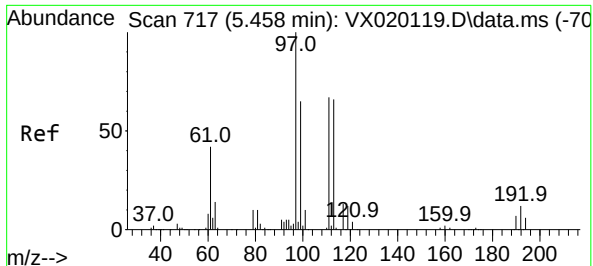
Tgt Ion: 65 Resp: 180363
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Tgt Ion:114 Resp: 447360
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.6 0.0 32.8

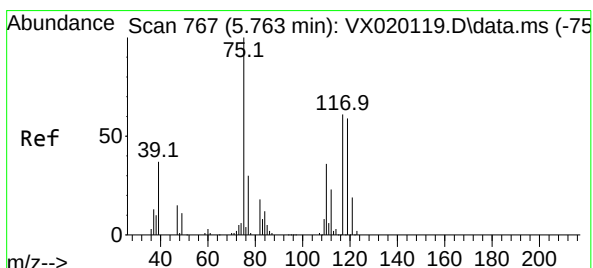
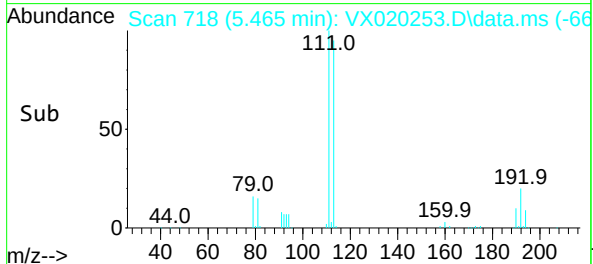
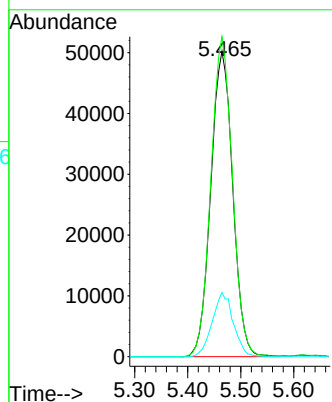
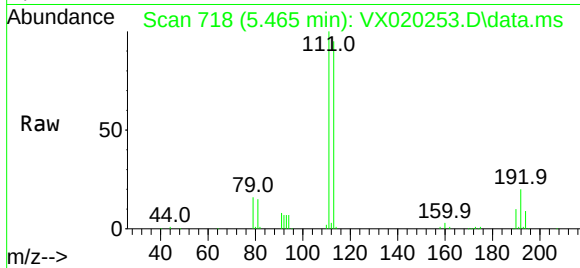




#35
Dibromofluoromethane
Concen: 50.48 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

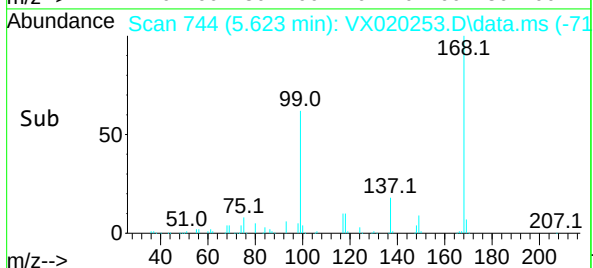
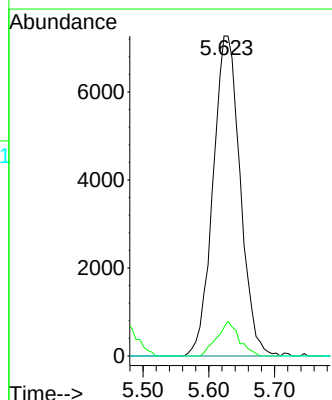
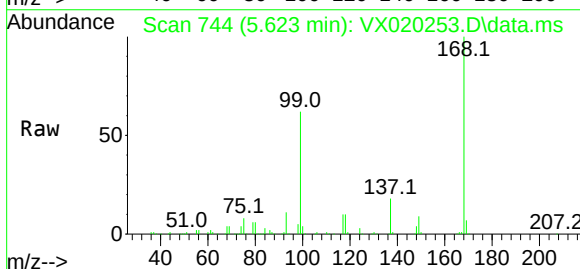
Instrument :
MSVOA_X
ClientSampled :

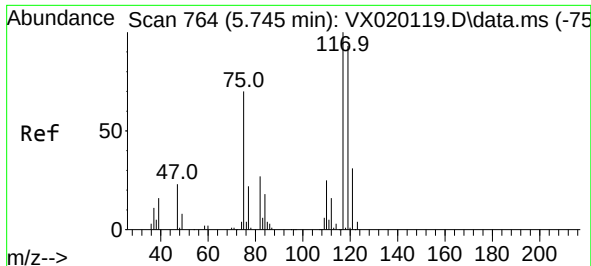
Tgt Ion:113 Resp: 144475
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

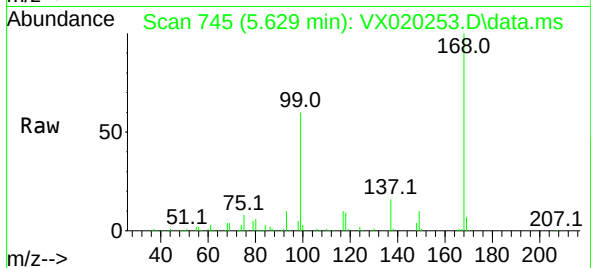
Tgt Ion: 75 Resp: 20883
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



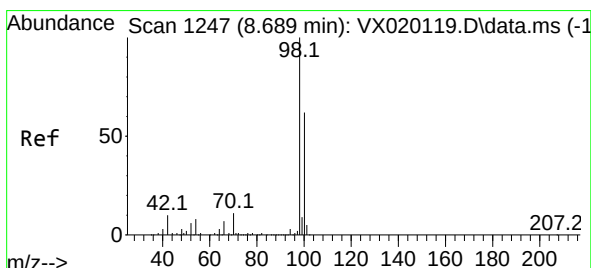
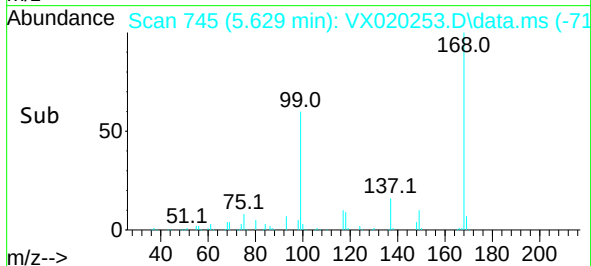
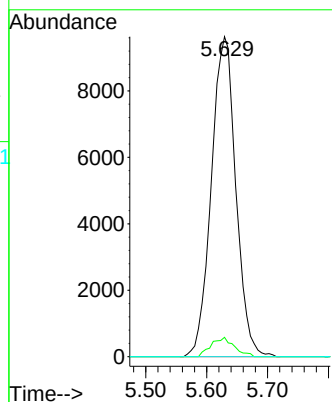


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Instrument :
MSVOA_X
ClientSampled :

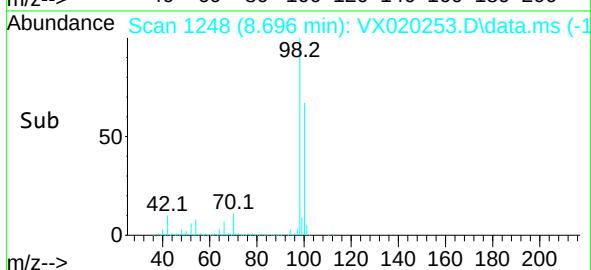
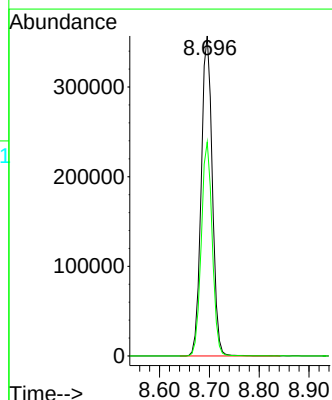
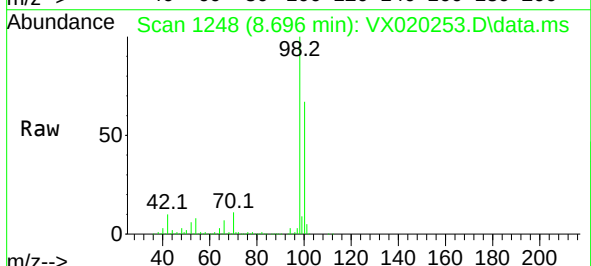


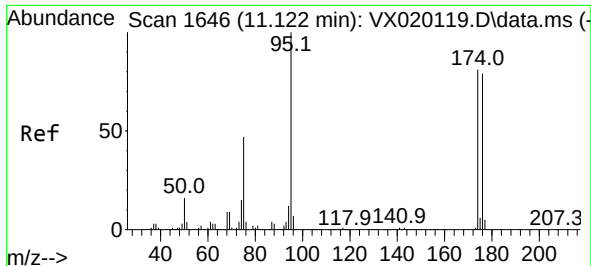
Tgt Ion:117 Resp: 26912
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.96 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Tgt Ion: 98 Resp: 550317
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

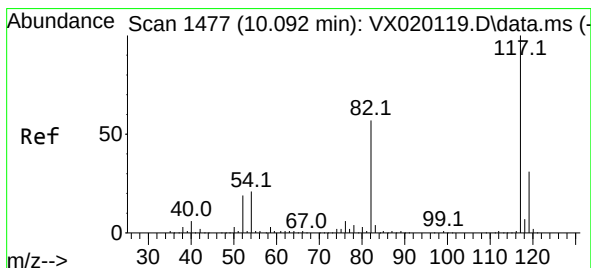
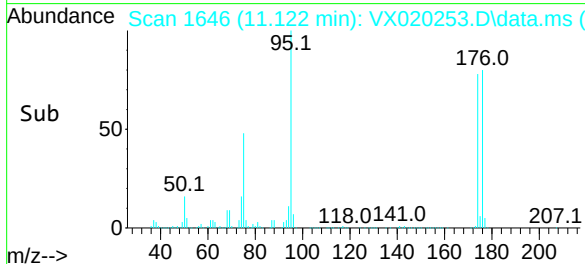
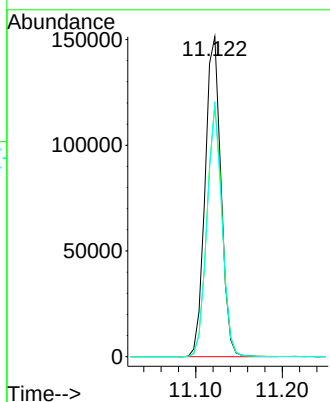
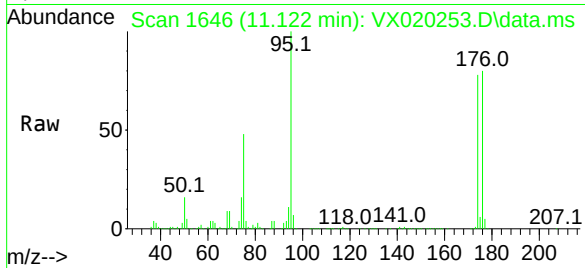




#62
4-Bromofluorobenzene
Concen: 45.60 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

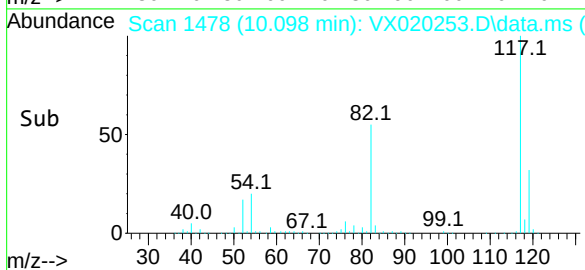
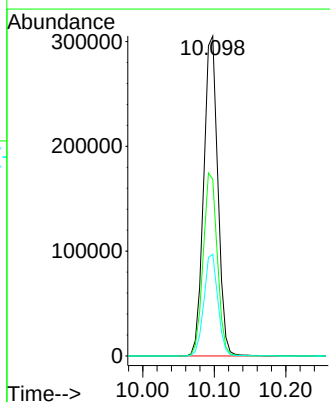
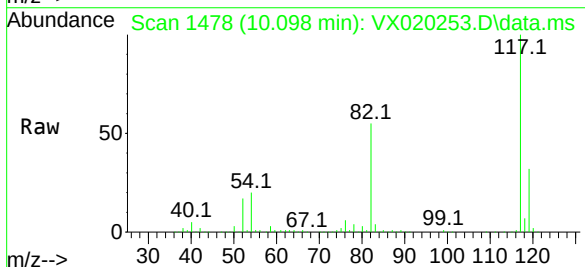
Instrument :
MSVOA_X
ClientSampleId :

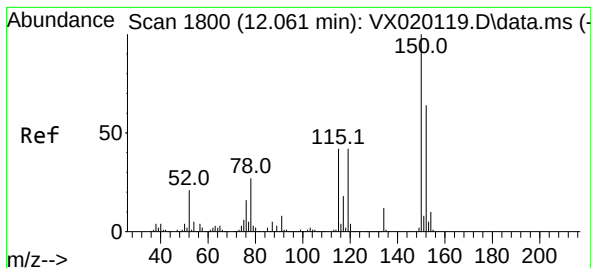
Tgt Ion: 95 Resp: 192233
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020253.D
Acq: 21 Dec 2020 16:26

Tgt Ion: 117 Resp: 419790
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 31.8 26.6 39.8

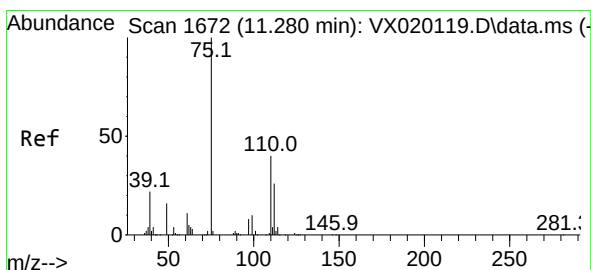
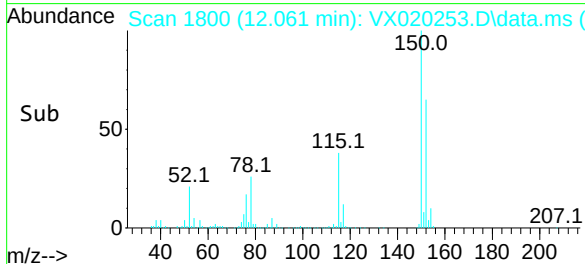
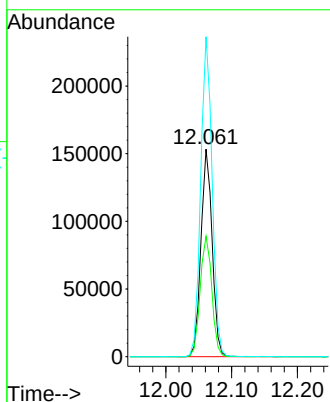
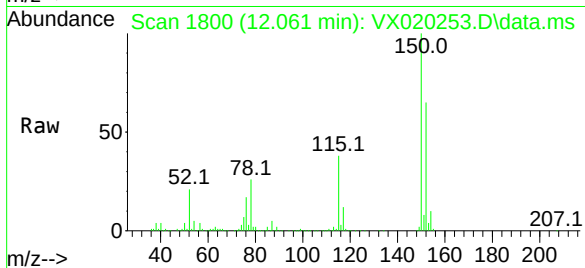




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020253.D
 Acq: 21 Dec 2020 16:26

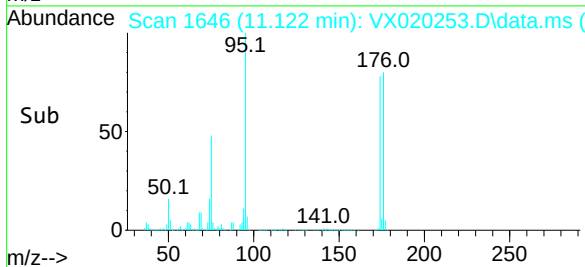
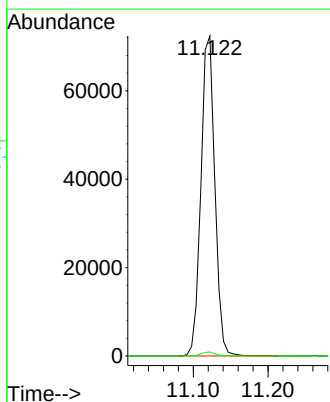
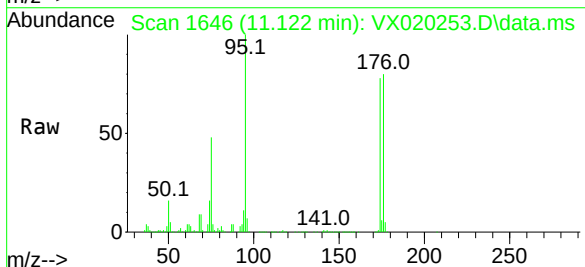
Instrument :
 MSVOA_X
 ClientSampleId :

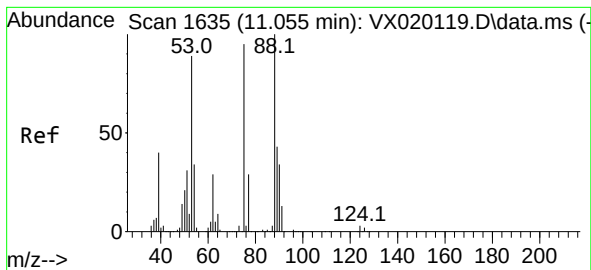
Tgt Ion:152 Resp: 182011
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.1 123.3
 150 156.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.87 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020253.D
 Acq: 21 Dec 2020 16:26

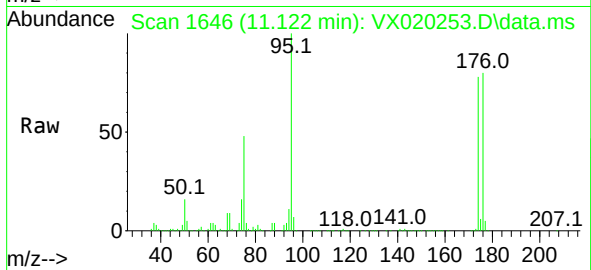
Tgt Ion: 75 Resp: 93589
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.93 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020253.D
 Acq: 21 Dec 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :



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

