

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020201.D
 Acq On : 20 Dec 2020 03:37
 Operator : JC/MD
 Sample : L5095-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-6055-121420

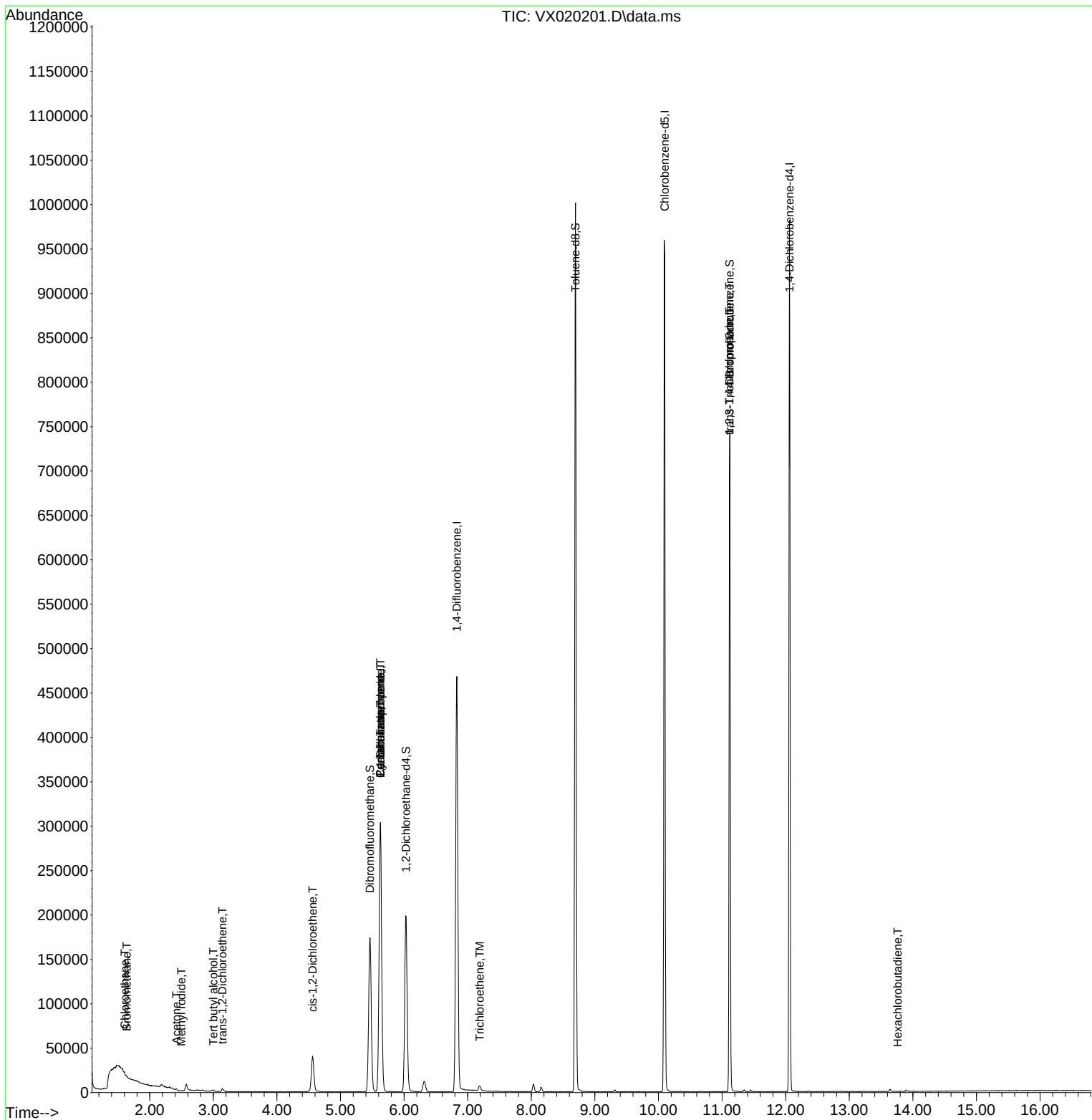
Quant Time: Dec 21 02:43:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

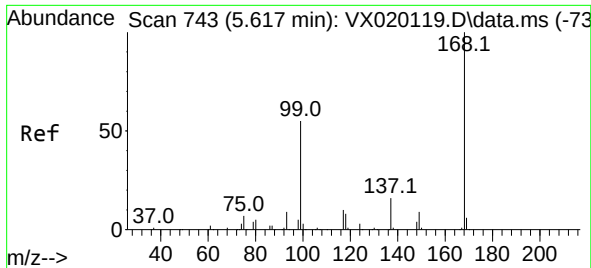
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	288274	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	483251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	453369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	195505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	191801	49.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.28%
35) Dibromofluoromethane	5.464	113	153676	49.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.42%
50) Toluene-d8	8.696	98	592860	49.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.64%
62) 4-Bromofluorobenzene	11.122	95	206766	45.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.80%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	541	0.43	ug/l	88
6) Chloroethane	1.605	64	9845	4.00	ug/l #	51
10) Methyl Iodide	2.495	142	382	3.38	ug/l #	77
11) Tert butyl alcohol	3.001	59	1009	1.17	ug/l #	73
16) Acetone	2.416	43	1976	1.12	ug/l #	88
21) trans-1,2-Dichloroethene	3.142	96	1110	0.31	ug/l #	93
27) cis-1,2-Dichloroethene	4.562	96	26054	6.46	ug/l	90
31) Cyclohexane	5.629	56	5523	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22210	4.65	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28392	6.25	ug/l #	17
44) Trichloroethene	7.190	130	2028	0.53	ug/l	98
76) 1,2,3-Trichloropropane	11.116	75	100002	20.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	100002	61.61	ug/l #	12
94) Hexachlorobutadiene	13.762	225	102	2.70	ug/l #	19

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

Quant Time: Dec 21 02:43:11 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

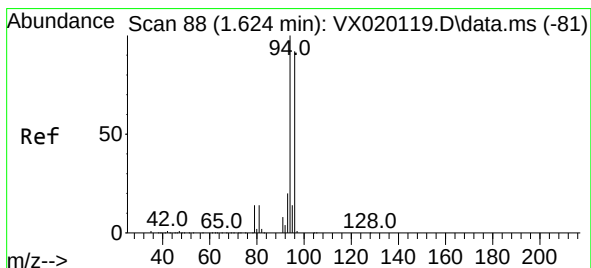
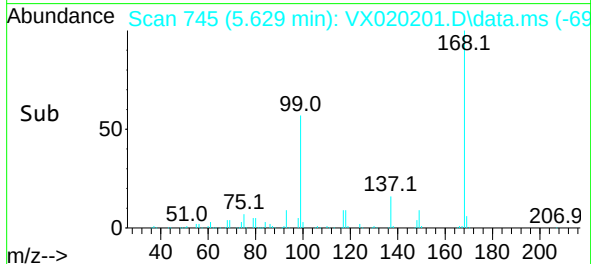
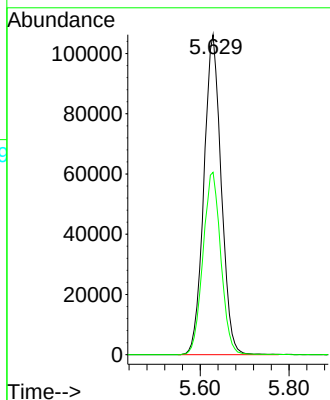
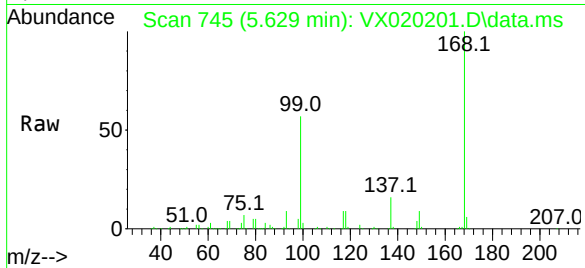




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

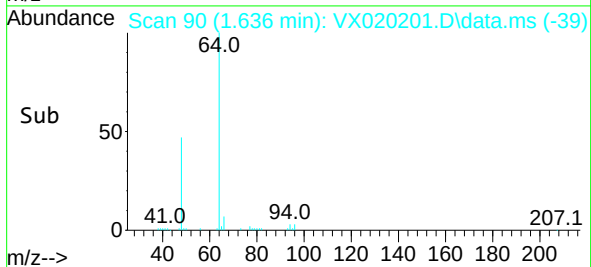
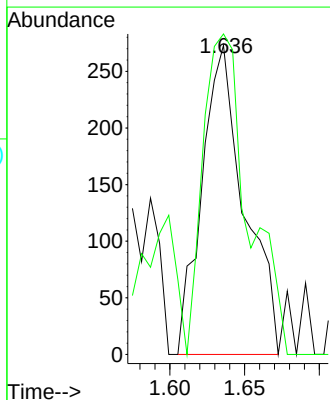
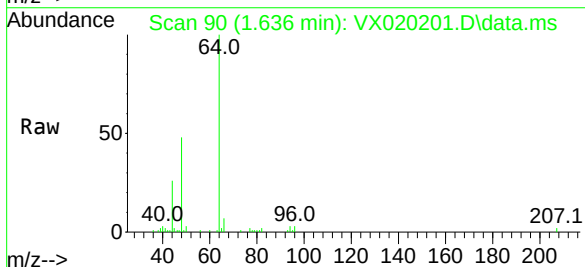
Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

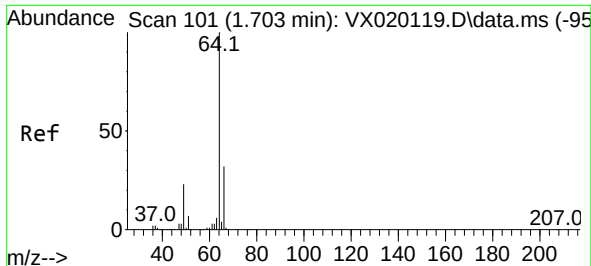
Tgt Ion:168 Resp: 288274
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#5
Bromomethane
Concen: 0.43 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion: 94 Resp: 541
Ion Ratio Lower Upper
94 100
96 83.5 76.4 114.6

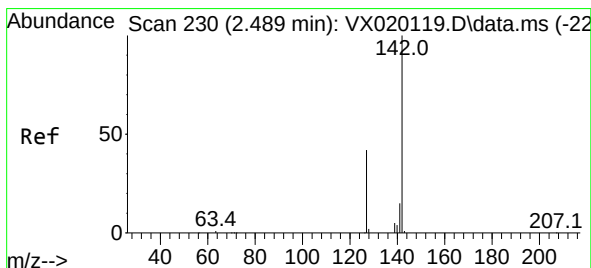
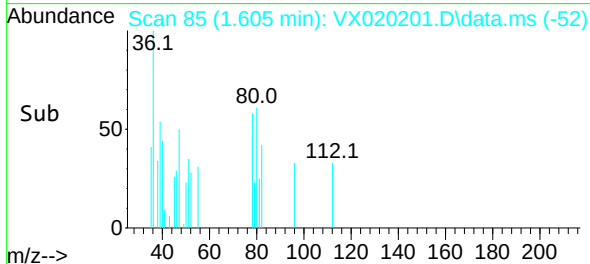
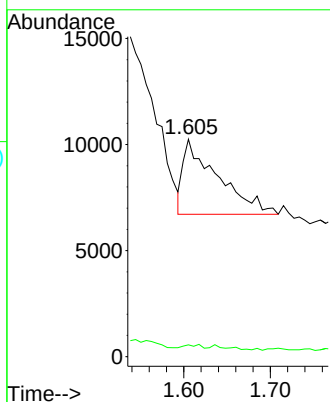
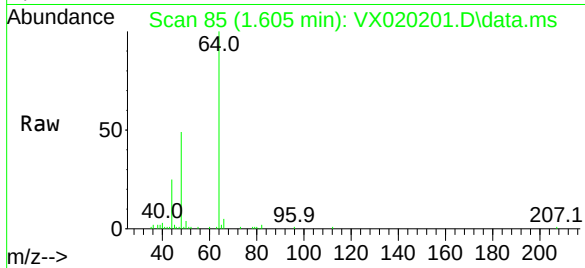




#6
Chloroethane
Concen: 4.00 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.098 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

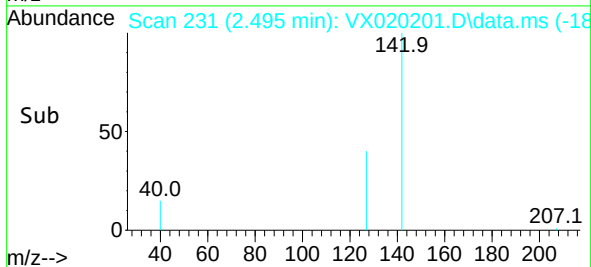
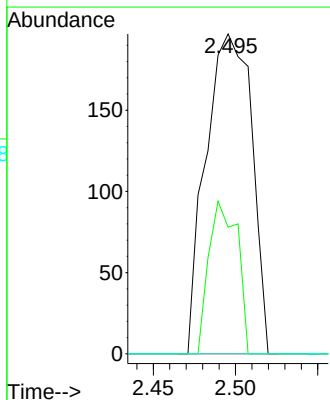
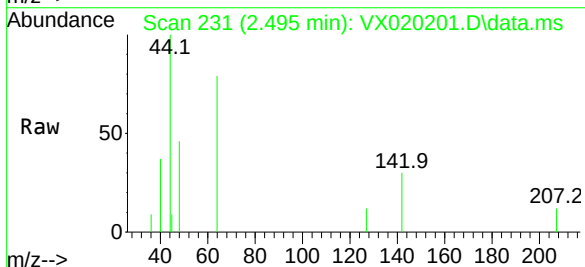
Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

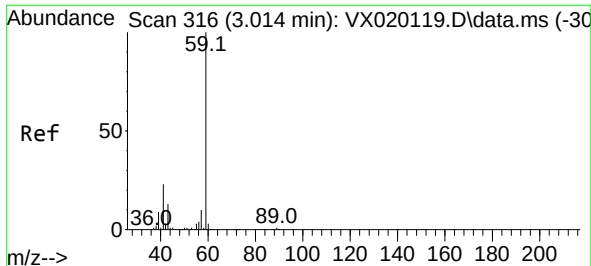
Tgt Ion: 64 Resp: 9845
Ion Ratio Lower Upper
64 100
66 4.5 25.4 38.0#



#10
Methyl Iodide
Concen: 3.38 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion:142 Resp: 382
Ion Ratio Lower Upper
142 100
127 29.8 33.3 49.9#
141 0.0 11.4 17.0#

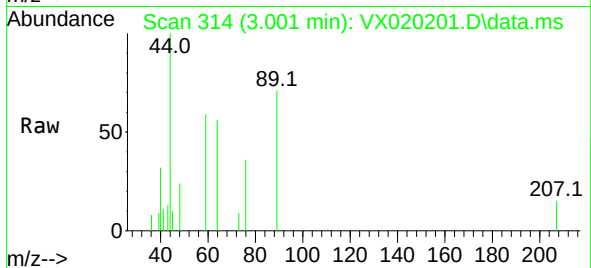




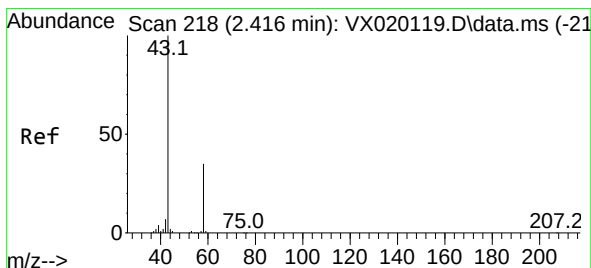
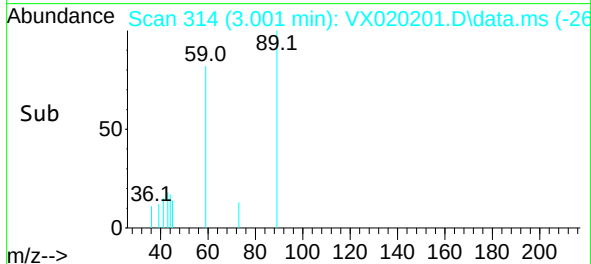
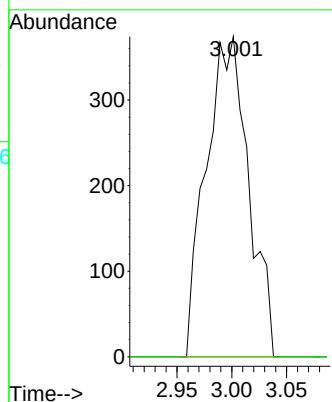
#11

Tert butyl alcohol
Concen: 1.17 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420



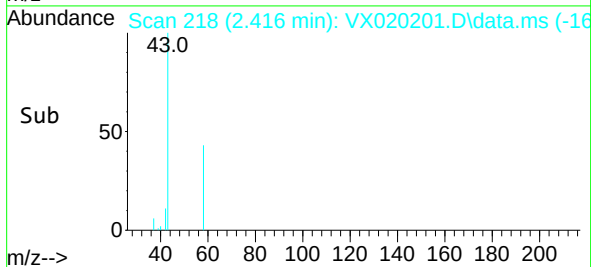
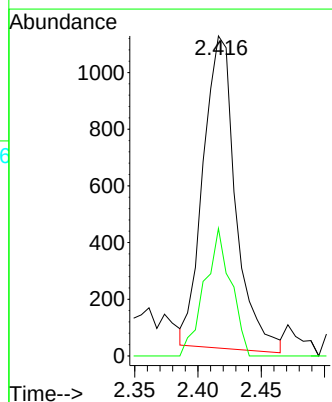
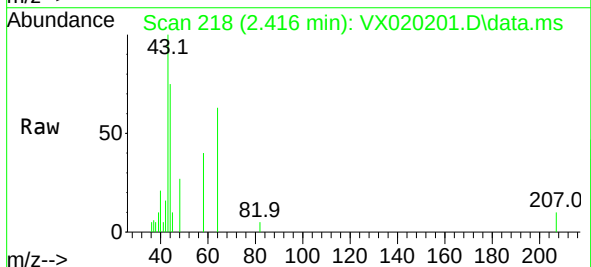
Tgt Ion: 59 Resp: 1009
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

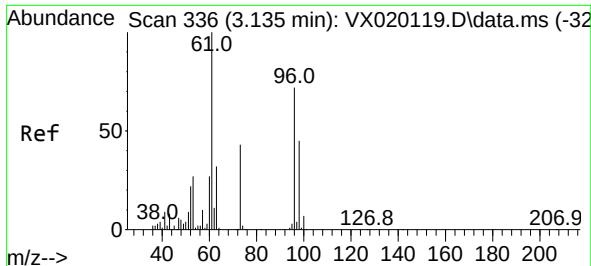


#16

Acetone
Concen: 1.12 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

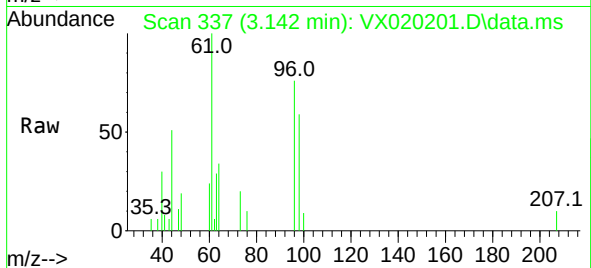
Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
58 41.9 27.8 41.8#



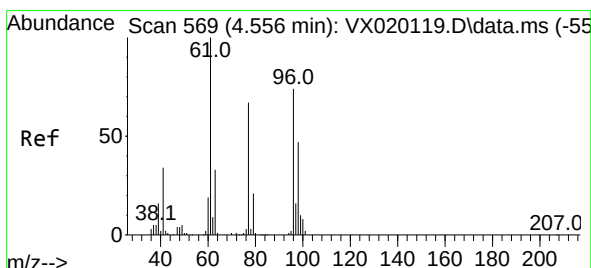
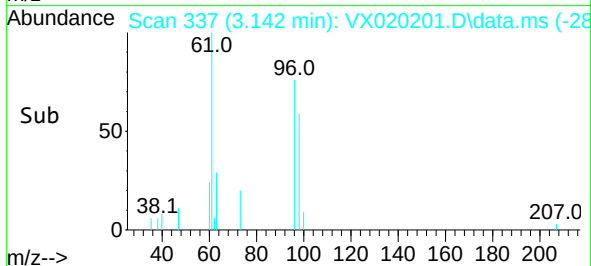
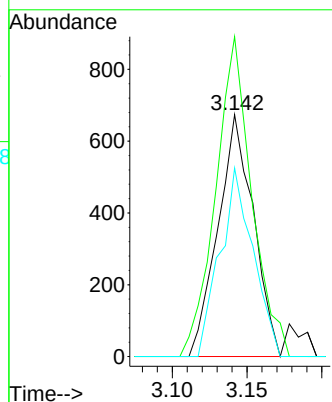


#21
trans-1,2-Dichloroethene
Concen: 0.31 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

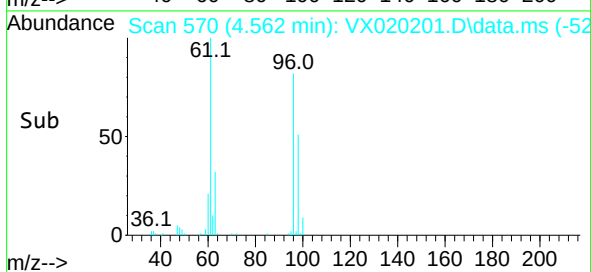
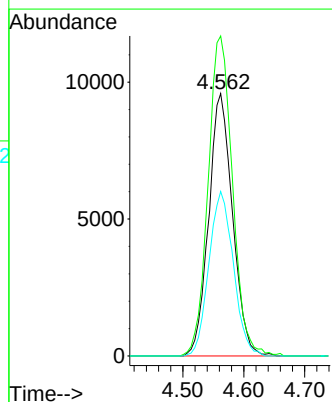
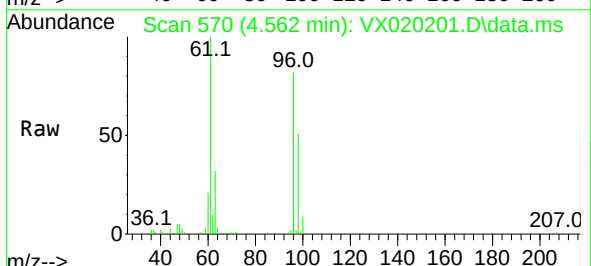


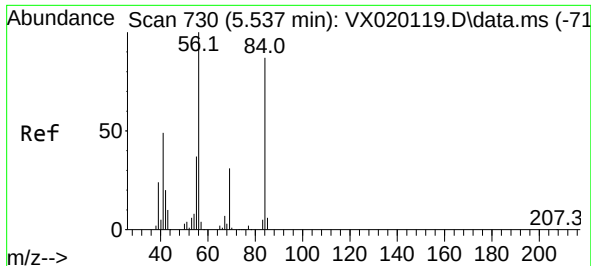
Tgt Ion: 96 Resp: 1110
Ion Ratio Lower Upper
96 100
61 132.2 107.7 161.5
98 77.9 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 6.46 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

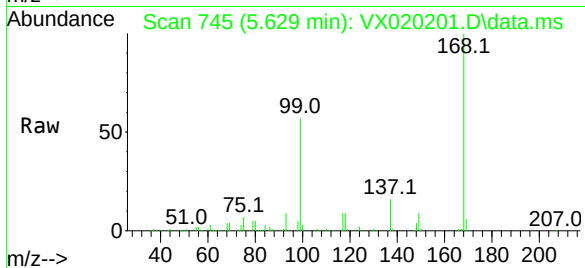
Tgt Ion: 96 Resp: 26054
Ion Ratio Lower Upper
96 100
61 124.8 0.0 285.6
98 64.3 0.0 129.6



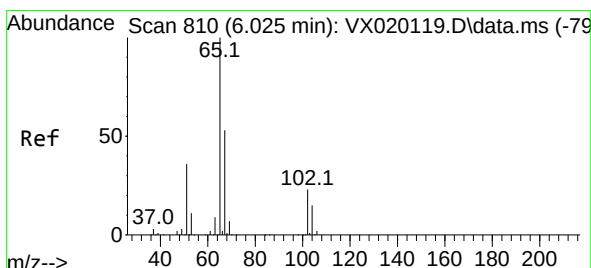
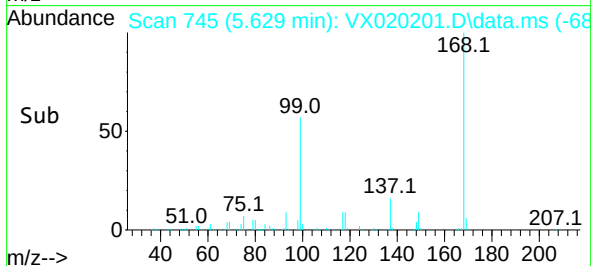
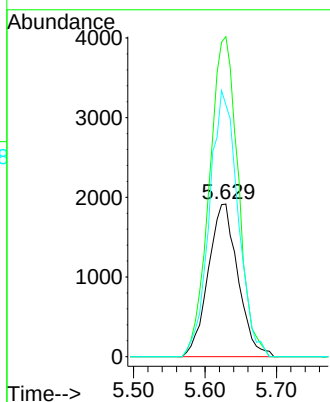


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

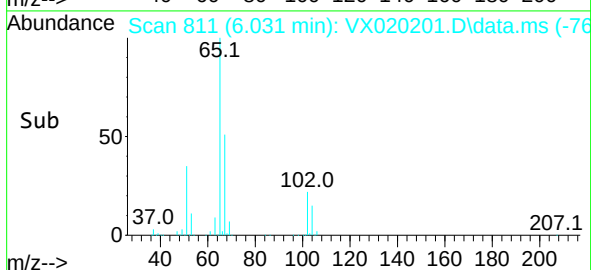
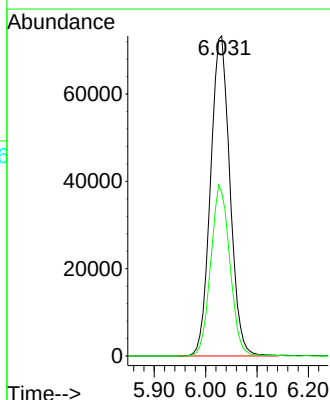
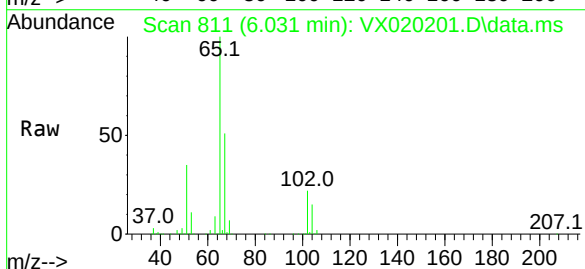


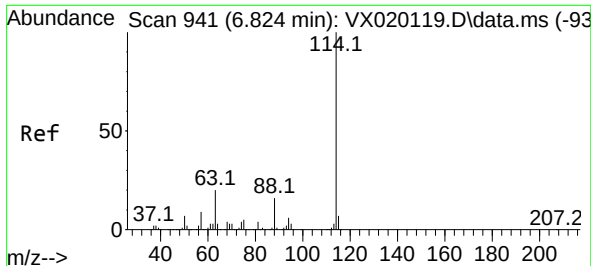
Tgt Ion	Ratio	Lower	Upper
56	100		
69	209.8	25.3	37.9#
84	165.1	71.4	107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.64 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4

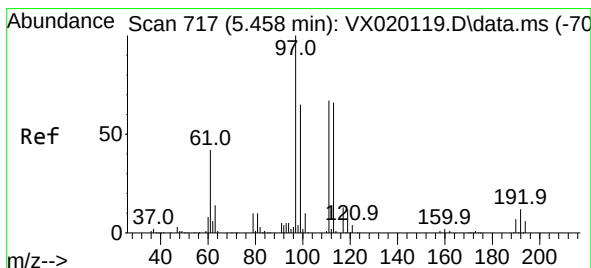
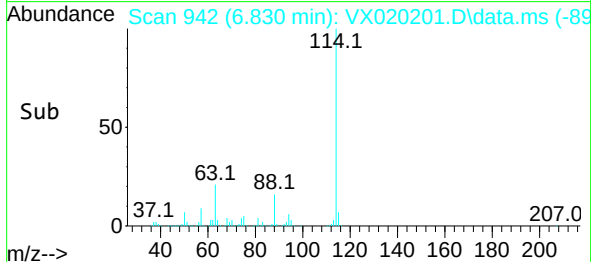
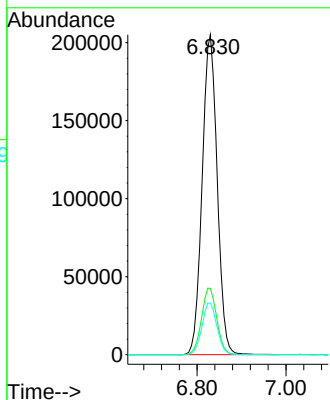
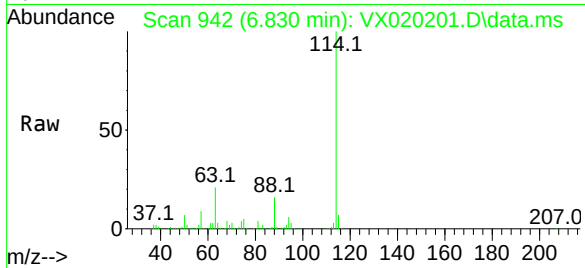




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

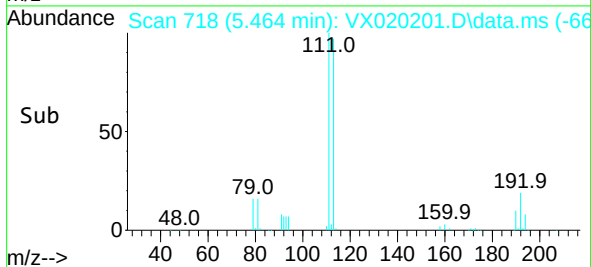
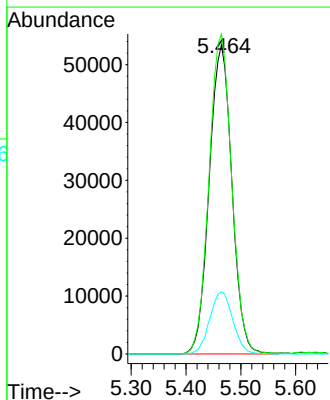
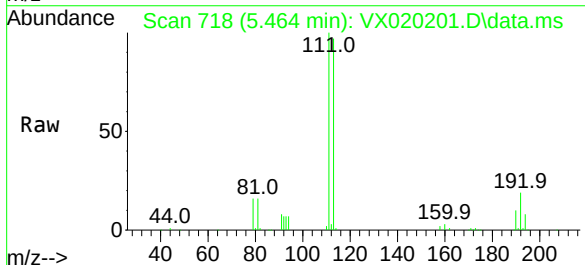
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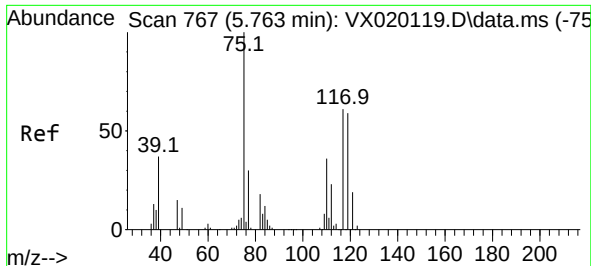
Tgt Ion:114 Resp: 483251
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.71 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

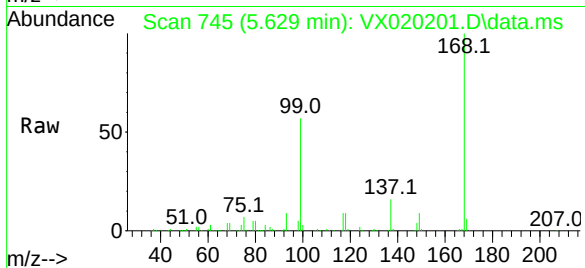
Tgt Ion:113 Resp: 153676
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.4 16.7 25.1



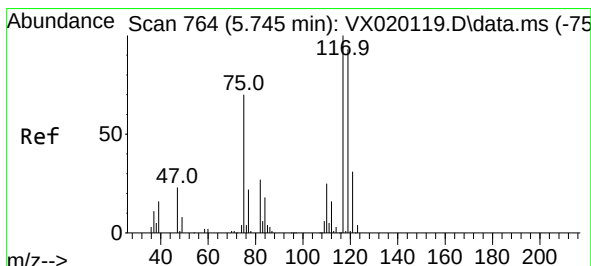
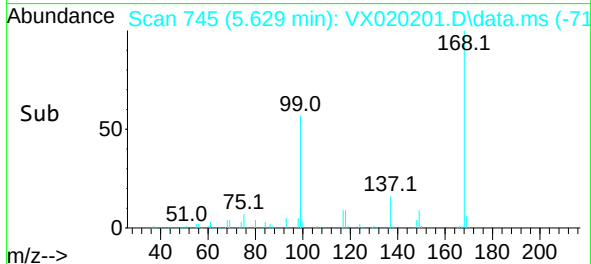
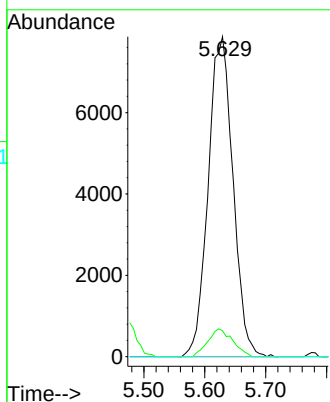


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

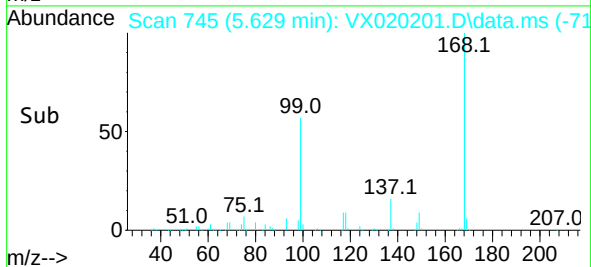
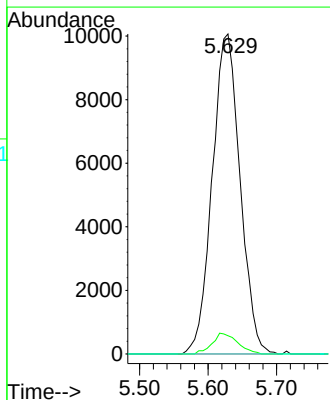
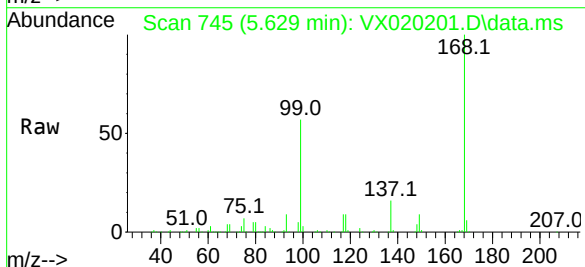


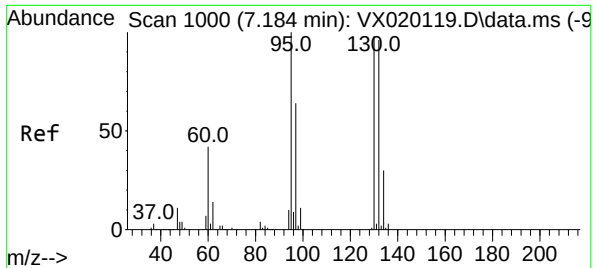
Tgt Ion: 75 Resp: 22210
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion: 117 Resp: 28392
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

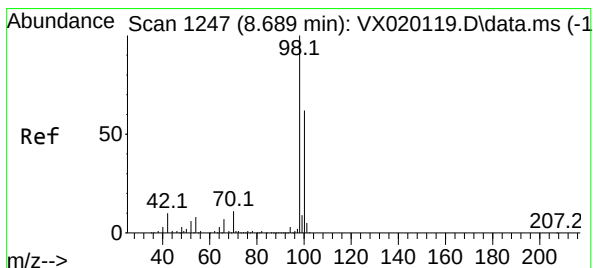
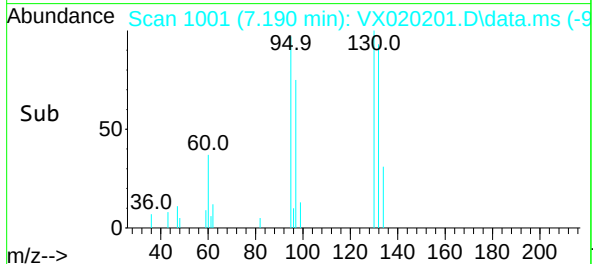
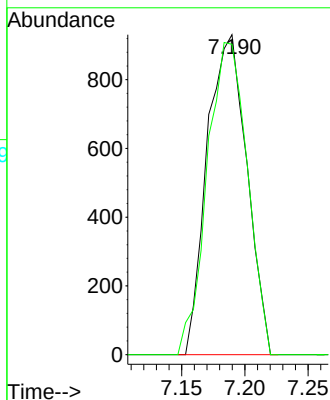
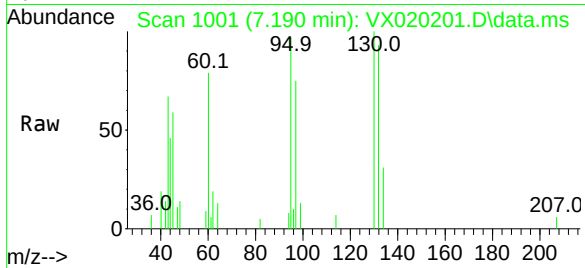




#44
Trichloroethene
Concen: 0.53 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

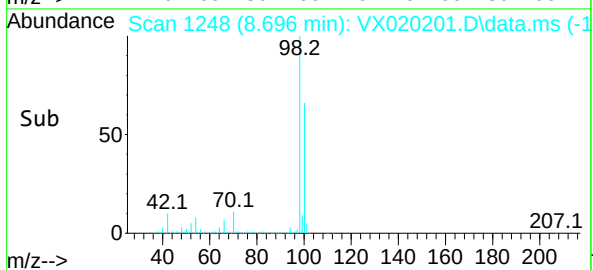
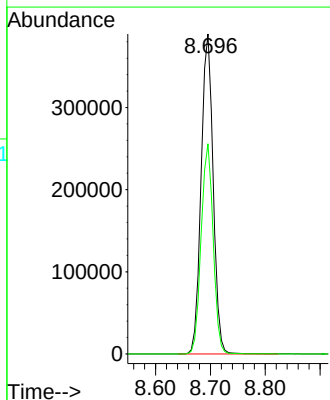
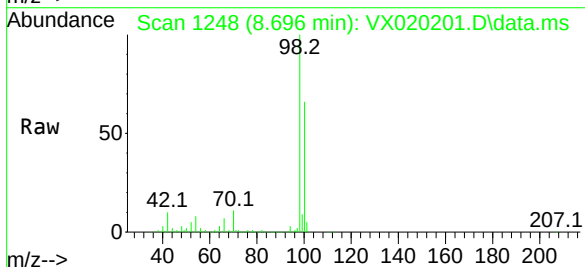
Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

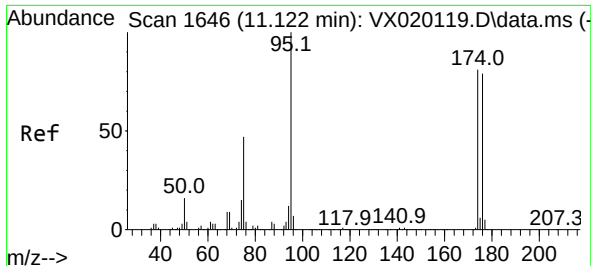
Tgt Ion:130 Resp: 2028
Ion Ratio Lower Upper
130 100
95 97.0 0.0 198.0



#50
Toluene-d8
Concen: 49.82 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion: 98 Resp: 592860
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

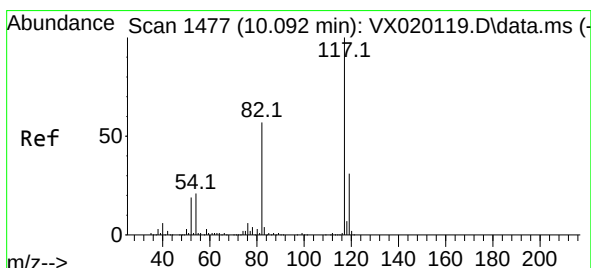
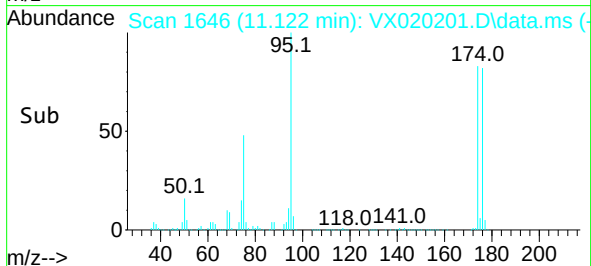
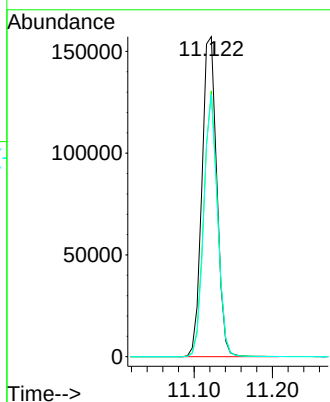
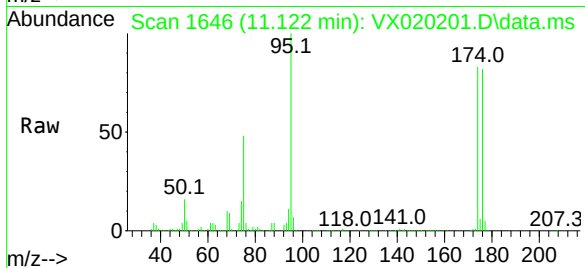




#62
4-Bromofluorobenzene
Concen: 45.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

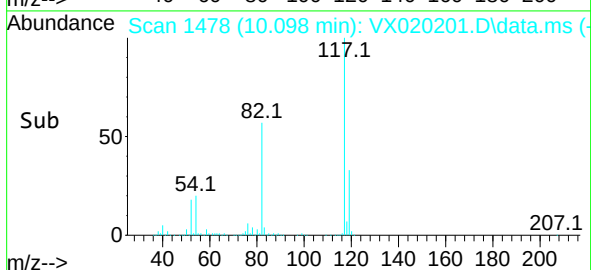
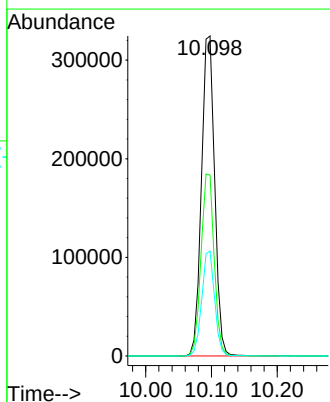
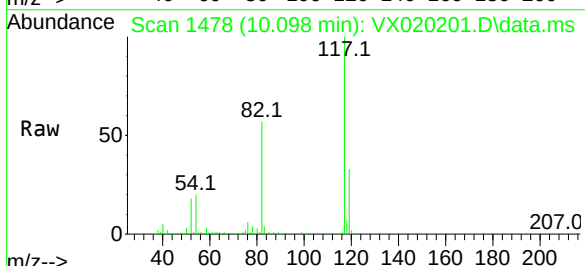
Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

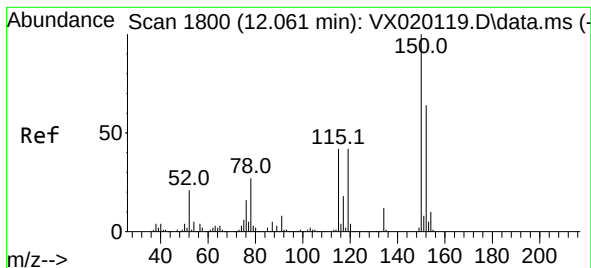
Tgt Ion: 95 Resp: 206766
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion: 117 Resp: 453369
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.8 26.6 39.8

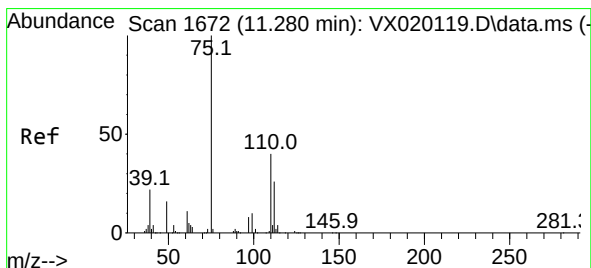
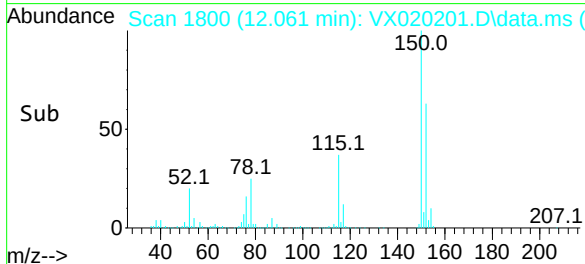
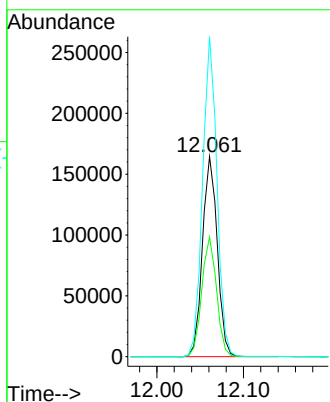
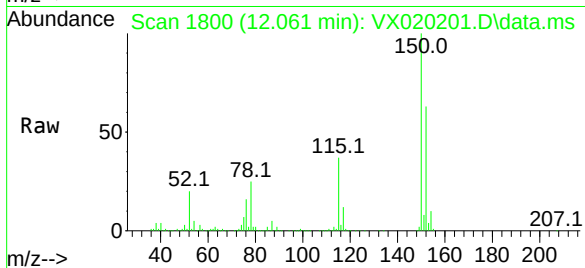




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

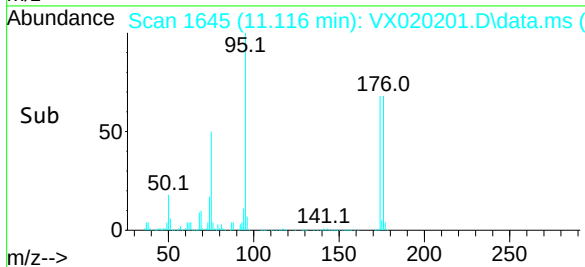
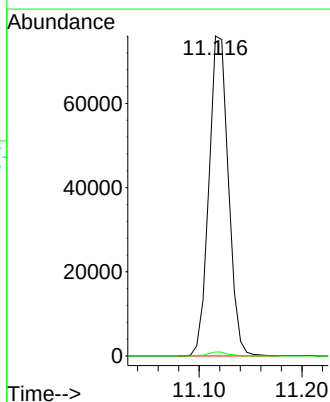
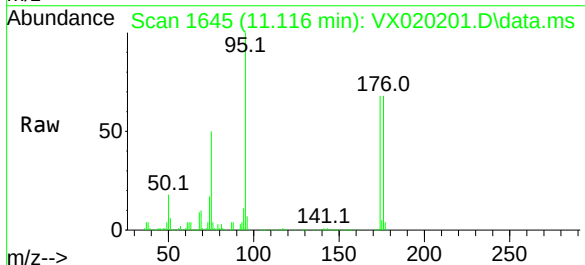
Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

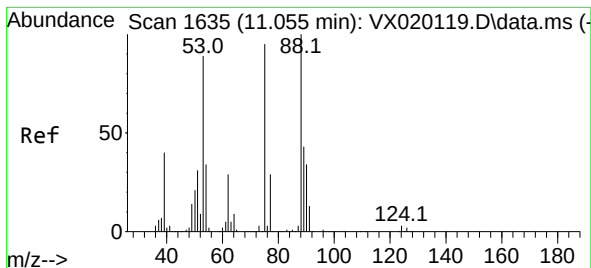
Tgt Ion:152 Resp: 195505
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 154.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.77 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion: 75 Resp: 100002
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

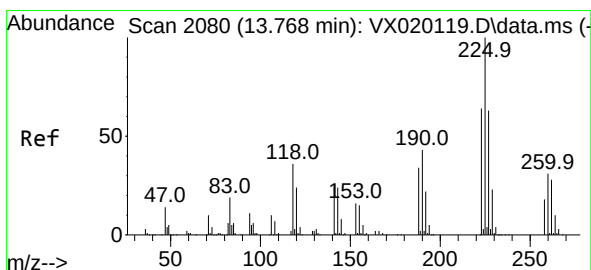
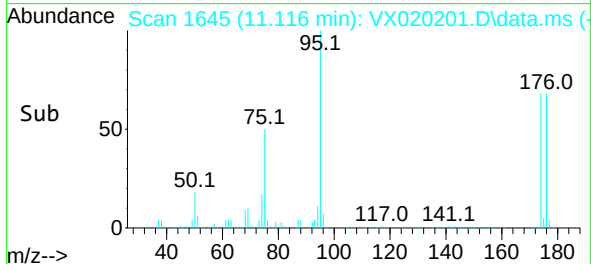
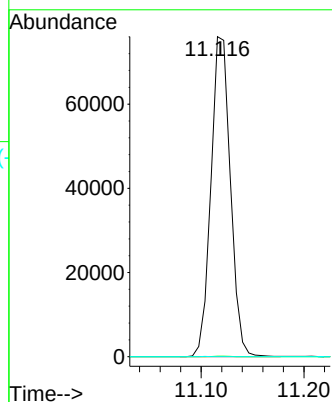
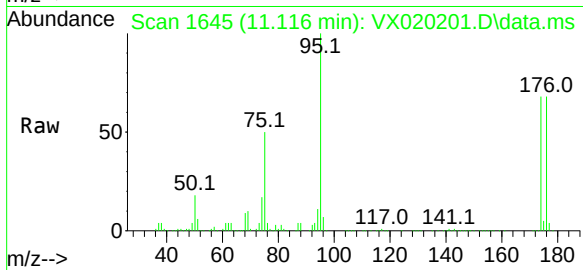




#81
trans-1,4-Dichloro-2-butene
Concen: 61.61 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Instrument :
MSVOA_X
ClientSampleId :
39-6055-121420

Tgt Ion: 75 Resp: 100002
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.70 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020201.D
Acq: 20 Dec 2020 03:37

Tgt Ion: 225 Resp: 102
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#

