

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020172.D
 Acq On : 19 Dec 2020 15:38
 Operator : JC/MD
 Sample : L5053-20 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20201210DL

Quant Time: Dec 21 02:33:09 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)

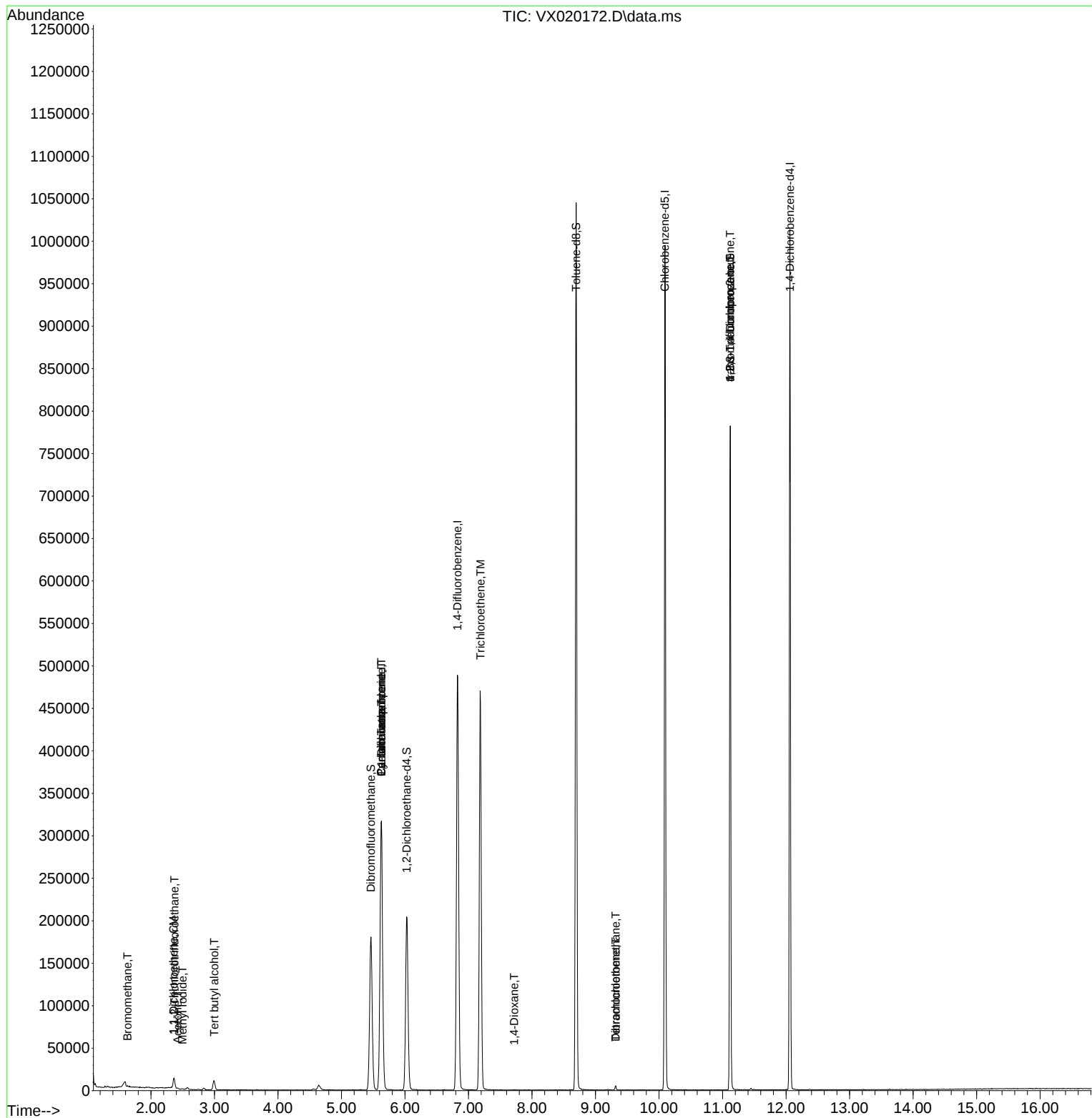
Internal Standards						
1) Pentafluorobenzene	5.629	168	303219	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.824	114	505718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	461571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	199814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	197261	48.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.06%
35) Dibromofluoromethane	5.464	113	157067	48.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.10%
50) Toluene-d8	8.696	98	615064	49.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.78%
62) 4-Bromofluorobenzene	11.122	95	212296	44.54	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.08%
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	635	0.48	ug/l #	77
9) 1,1,2-Trichlorotrifluo...	2.367	101	2808	0.93	ug/l	98
10) Methyl Iodide	2.495	142	604	3.42	ug/l	92
11) Tert butyl alcohol	2.995	59	6617	7.27	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	1846	0.60	ug/l	91
16) Acetone	2.416	43	1120	0.60	ug/l #	80
31) Cyclohexane	5.629	56	6006	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23875	4.78	ug/l #	48
38) Carbon Tetrachloride	5.629	117	30319	6.38	ug/l #	17
44) Trichloroethene	7.190	130	184612	45.90	ug/l	99
49) 1,4-Dioxane	7.720	88	59	0.63	ug/l #	1
60) Dibromochloromethane	9.317	129	925	0.24	ug/l #	11
64) Tetrachloroethene	9.317	164	898	0.26	ug/l #	89
76) 1,2,3-Trichloropropane	11.122	75	103480	21.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	103480	62.37	ug/l #	12

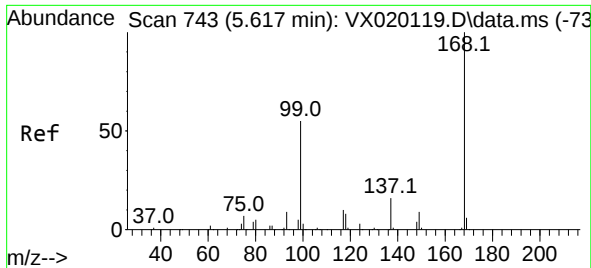
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX020172.D
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RE120D1-20201210DL

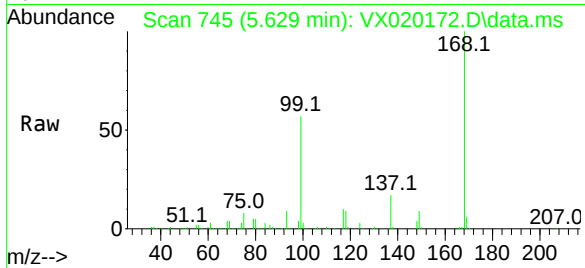
Quant Time: Dec 21 02:33:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



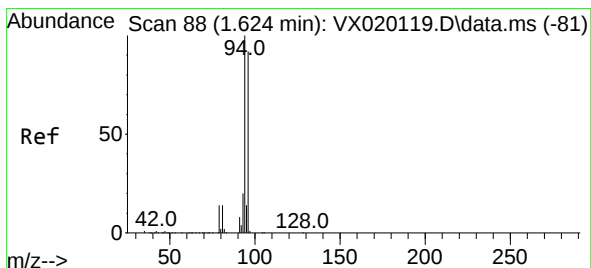
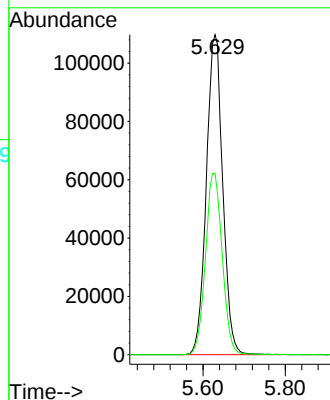
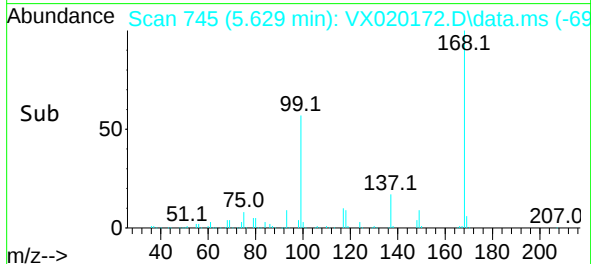


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

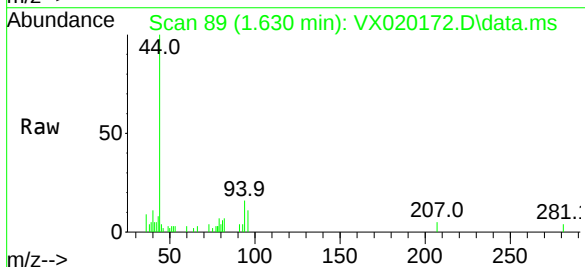
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL



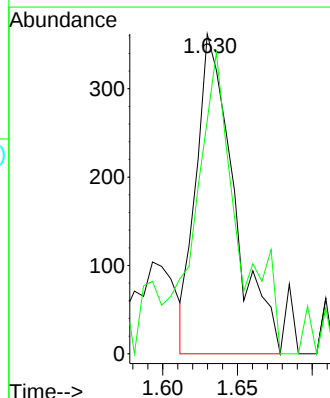
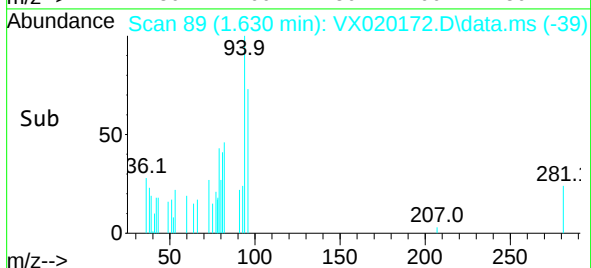
Tgt Ion:168 Resp: 303219
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6

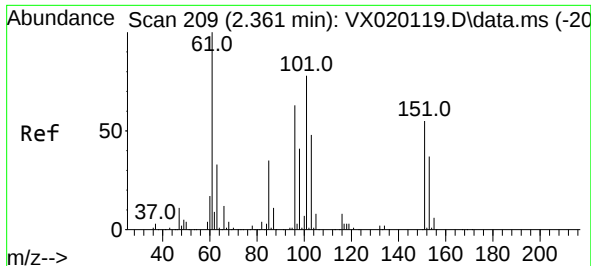


#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38



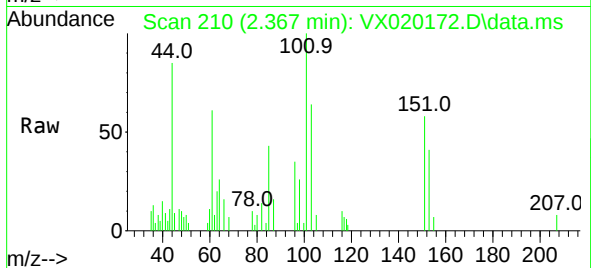
Tgt Ion: 94 Resp: 635
Ion Ratio Lower Upper
94 100
96 72.9 76.4 114.6#



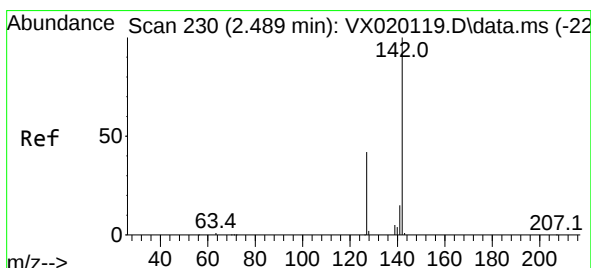
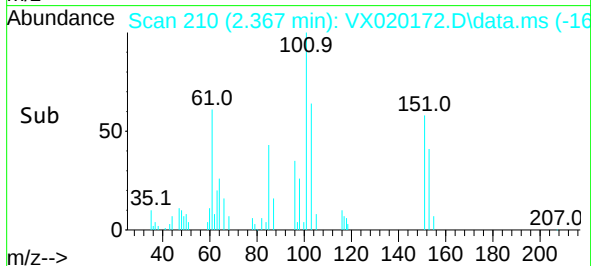
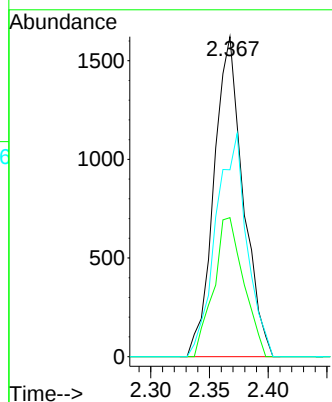


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.93 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL

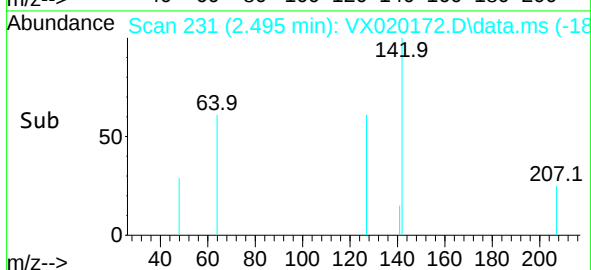
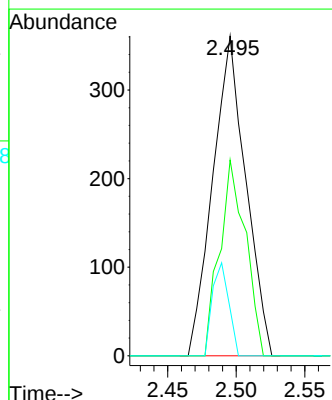
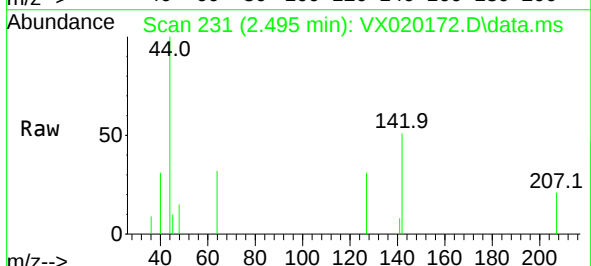


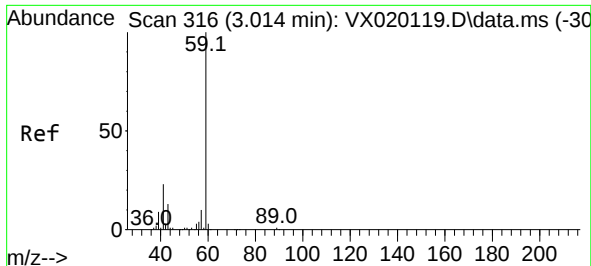
Tgt Ion:101 Resp: 2808
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 74.1 61.4 92.2



#10
Methyl Iodide
Concen: 3.42 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Tgt Ion:142 Resp: 604
Ion Ratio Lower Upper
142 100
127 48.2 33.3 49.9
141 14.4 11.4 17.0



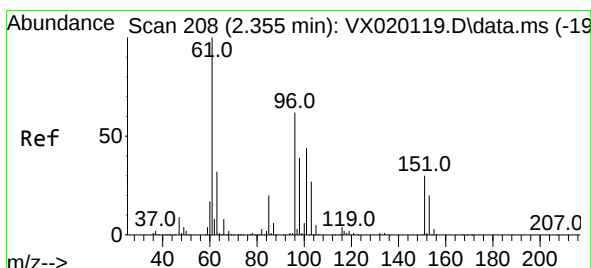
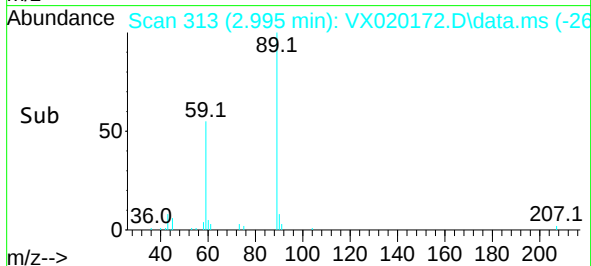
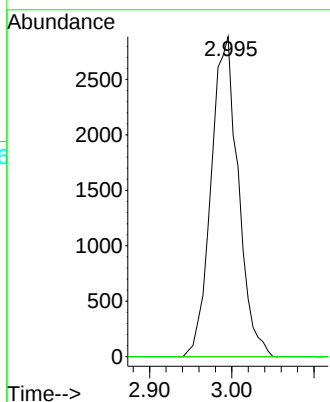
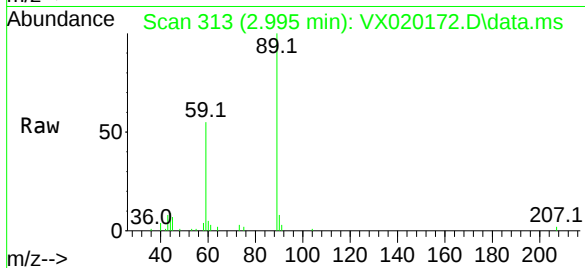


#11

Tert butyl alcohol
Concen: 7.27 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL

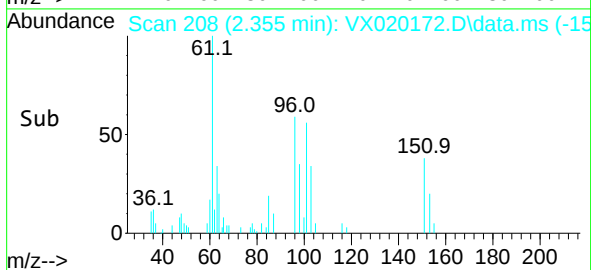
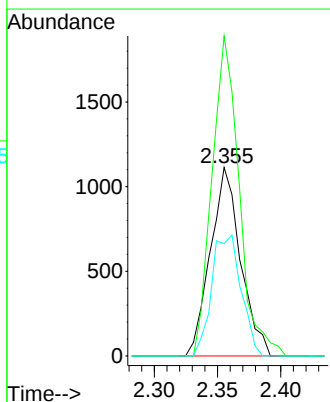
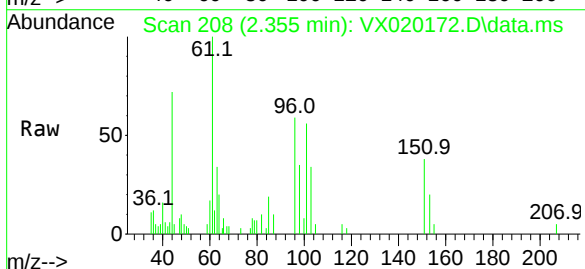
Tgt Ion: 59 Resp: 6617
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

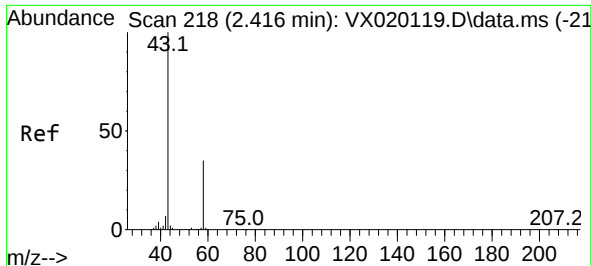


#12

1,1-Dichloroethene
Concen: 0.60 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Tgt Ion: 96 Resp: 1846
Ion Ratio Lower Upper
96 100
61 169.8 124.6 187.0
98 59.6 50.6 76.0

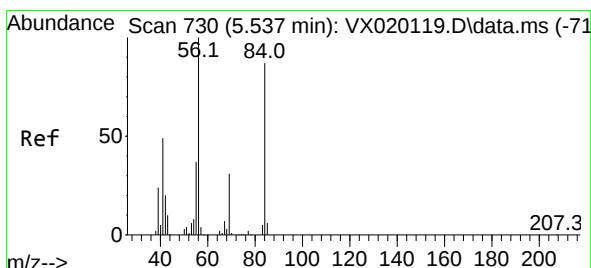
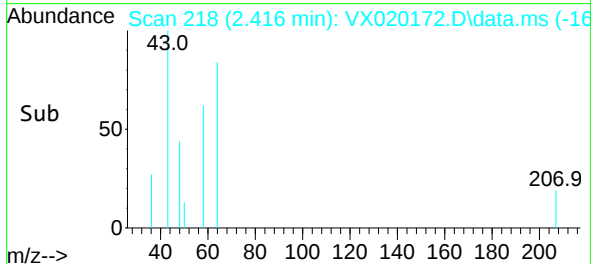
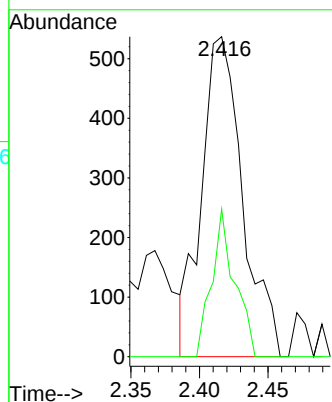
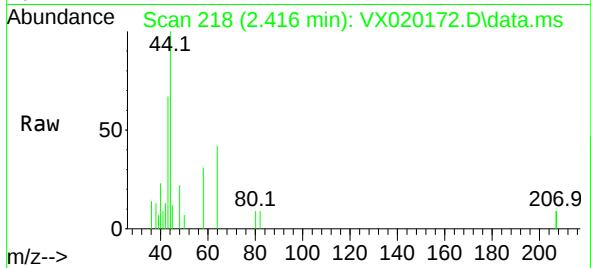




#16
Acetone
Concen: 0.60 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

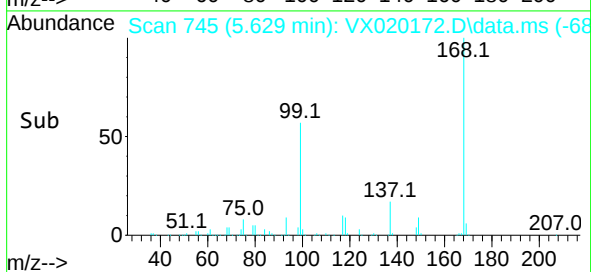
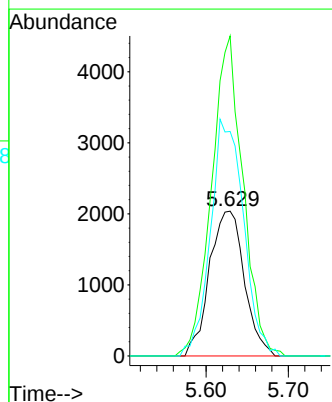
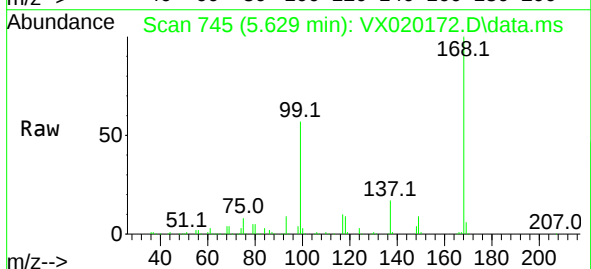
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL

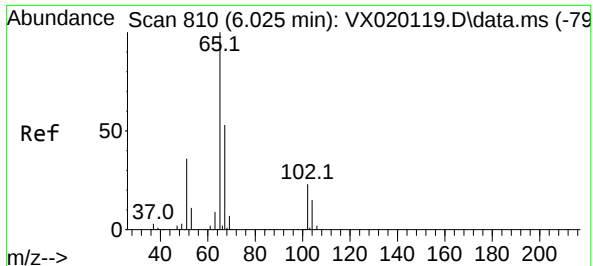
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 46.2 27.8 41.8#



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Tgt Ion: 56 Resp: 6006
Ion Ratio Lower Upper
56 100
69 217.9 25.3 37.9#
84 154.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.53 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020172.D

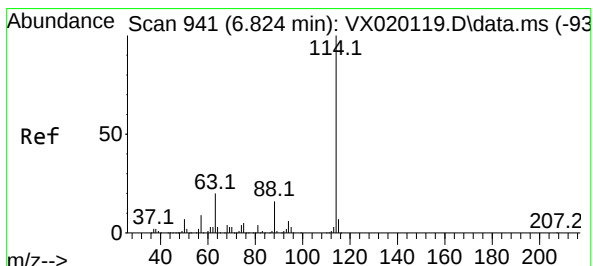
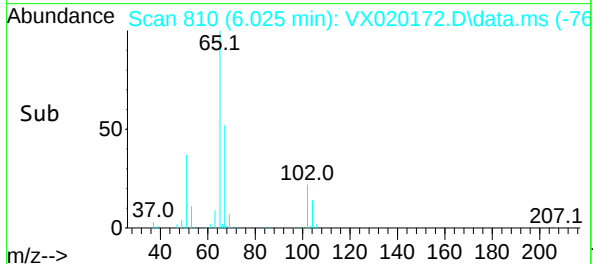
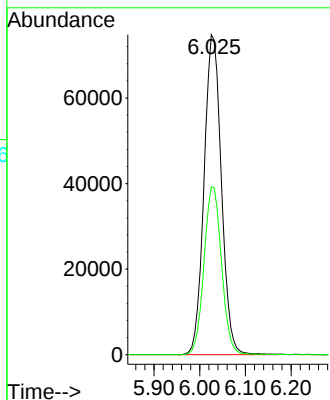
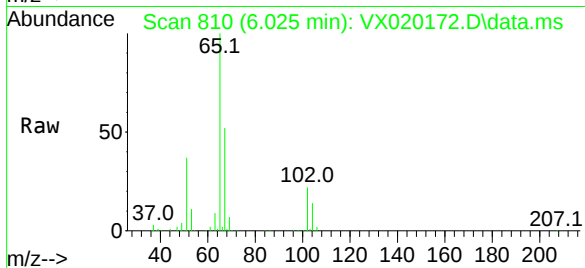
Acq: 19 Dec 2020 15:38

Tgt Ion: 65 Resp: 197261

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020172.D

Acq: 19 Dec 2020 15:38

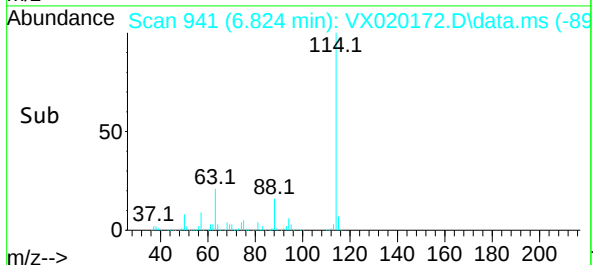
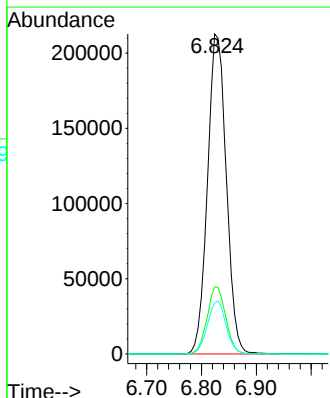
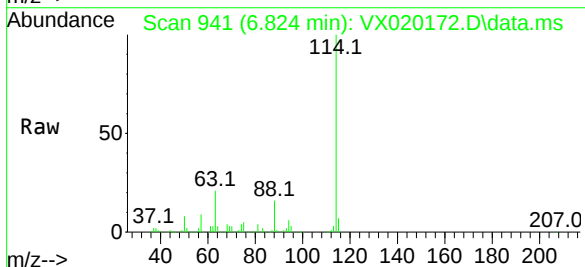
Tgt Ion: 114 Resp: 505718

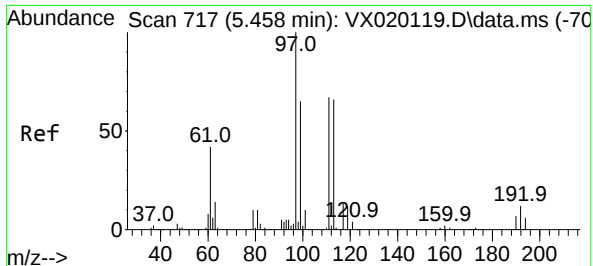
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

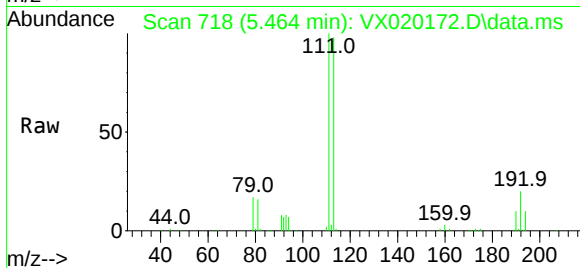
88 16.0 0.0 32.8



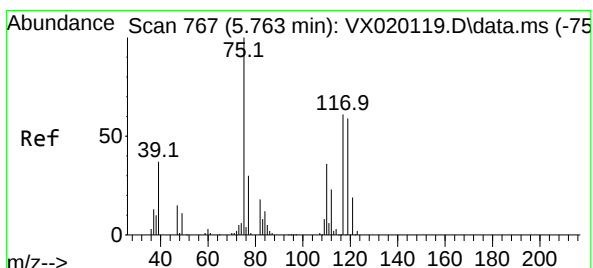
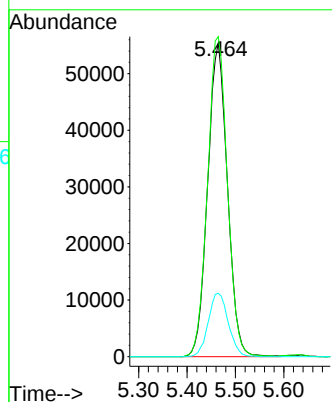
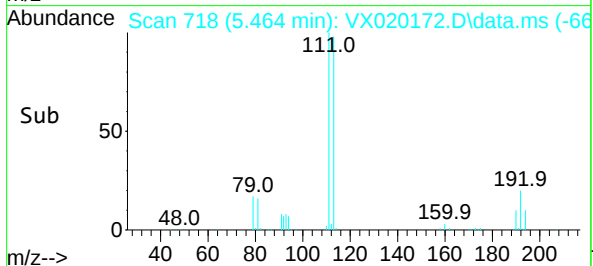


#35
Dibromofluoromethane
Concen: 48.55 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

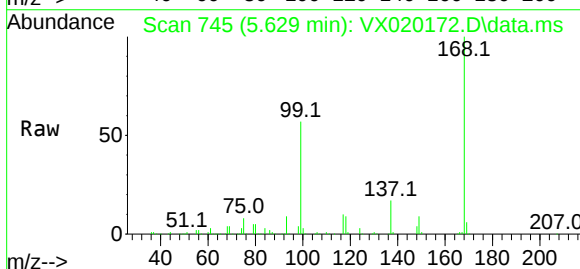
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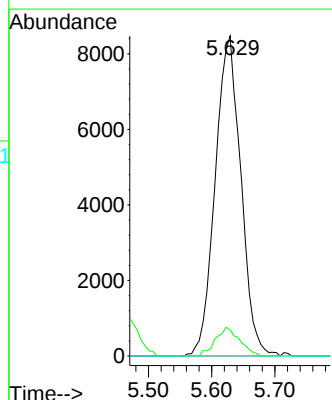
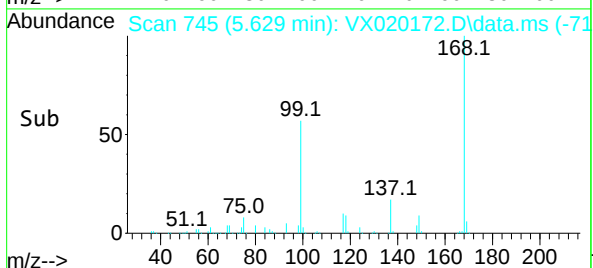
Tgt Ion:113 Resp: 157067
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.5 16.7 25.1

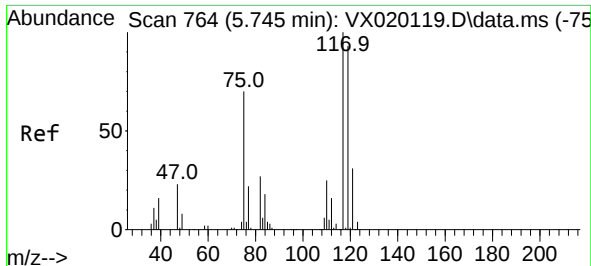


#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38



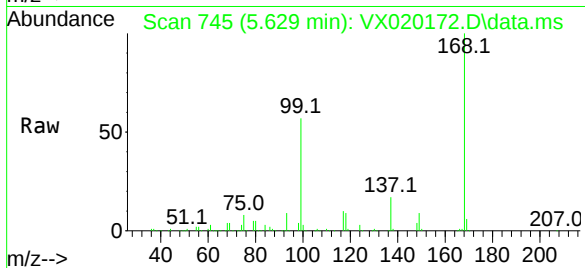
Tgt Ion: 75 Resp: 23875
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



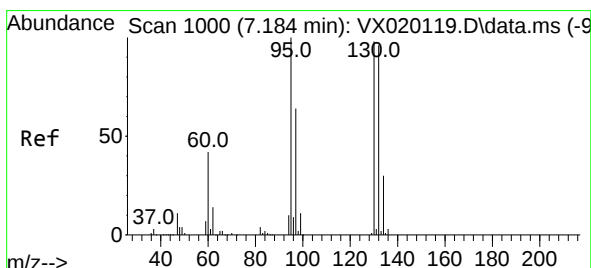
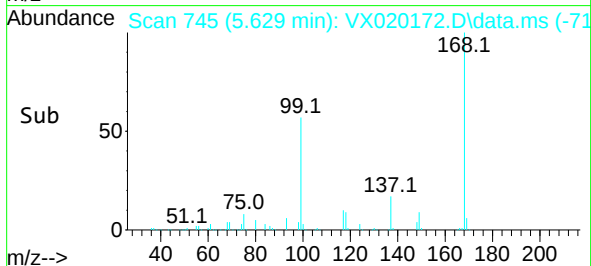
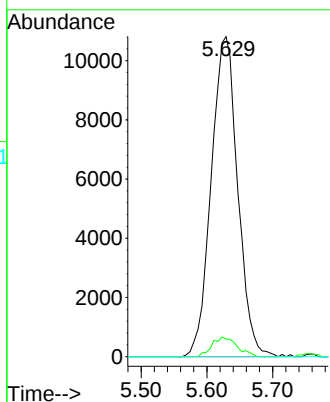


#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL

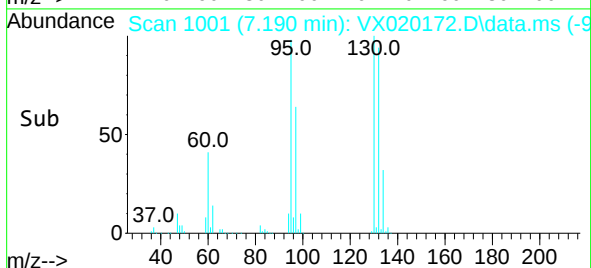
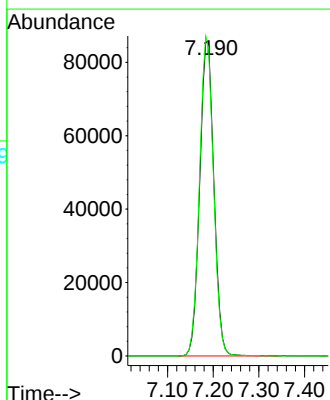
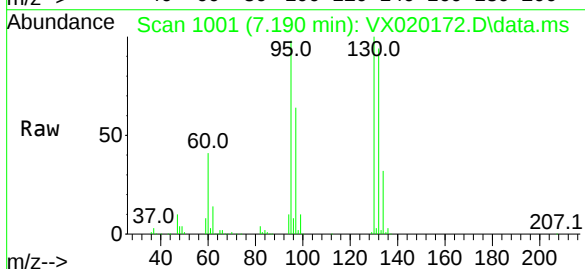


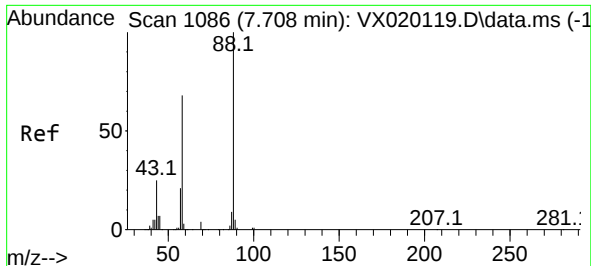
Tgt Ion:117 Resp: 30319
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 45.90 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Tgt Ion:130 Resp: 184612
Ion Ratio Lower Upper
130 100
95 98.1 0.0 198.0





#49

1,4-Dioxane

Concen: 0.63 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.012 min

Lab File: VX020172.D

Acq: 19 Dec 2020 15:38

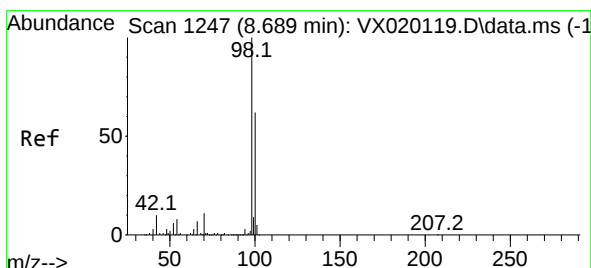
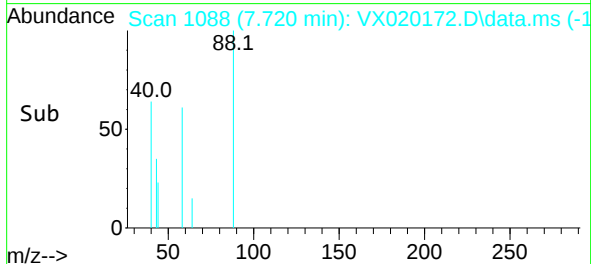
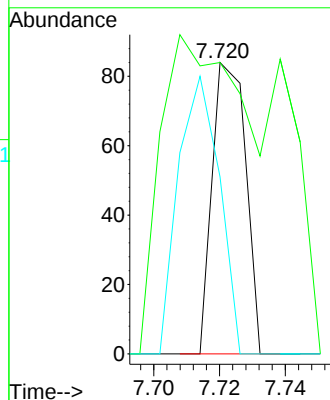
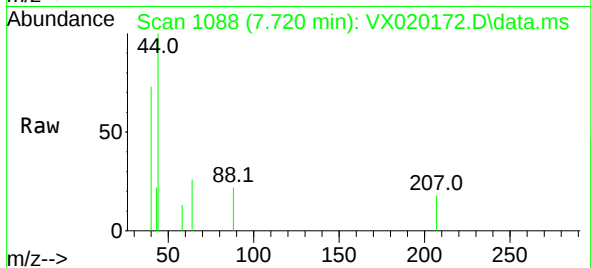
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 372.9 23.2 34.8#

58 116.9 55.0 82.4#



#50

Toluene-d8

Concen: 49.39 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. 0.007 min

Lab File: VX020172.D

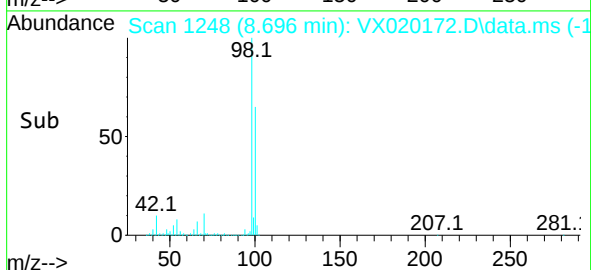
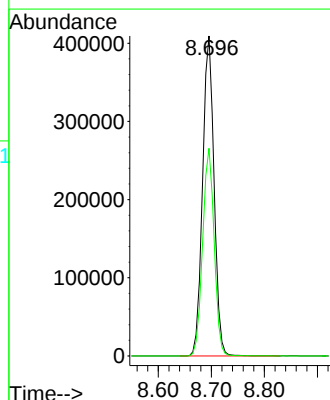
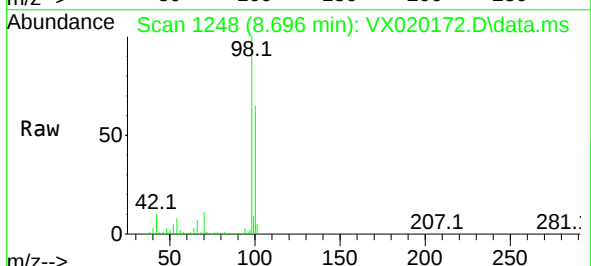
Acq: 19 Dec 2020 15:38

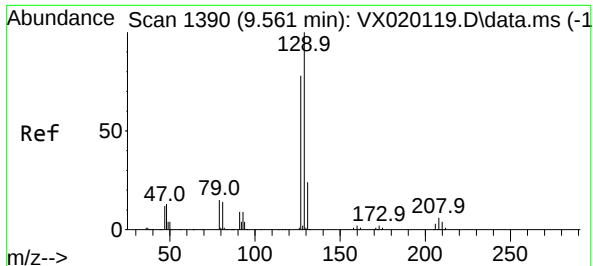
Tgt Ion: 98 Resp: 615064

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

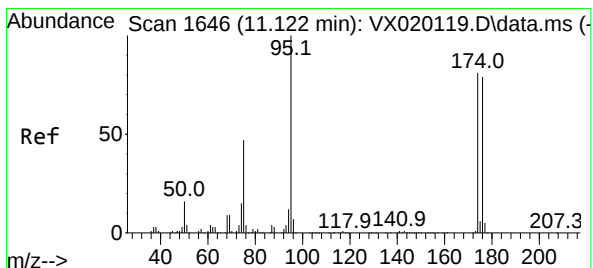
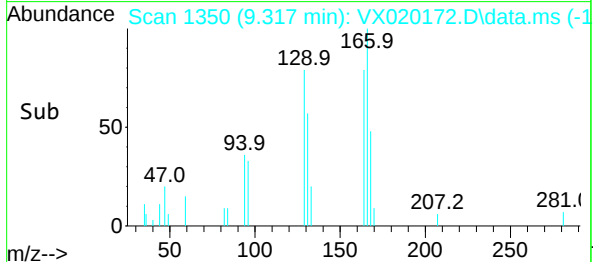
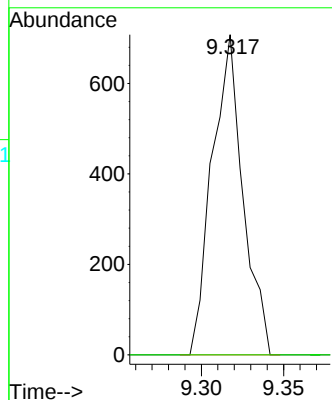
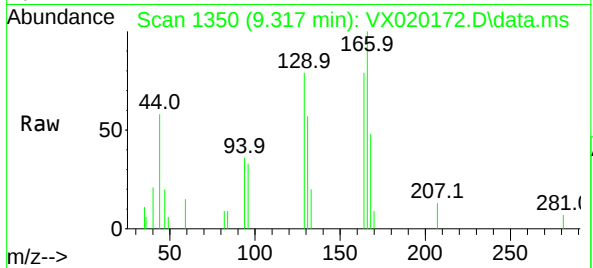




#60
Dibromochloromethane
Concen: 0.24 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

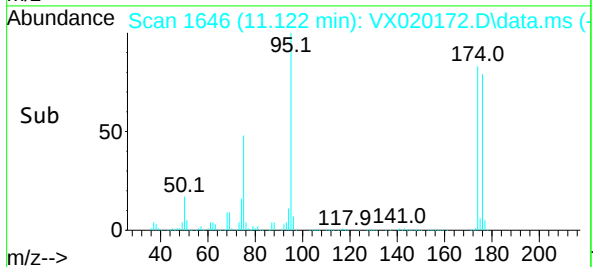
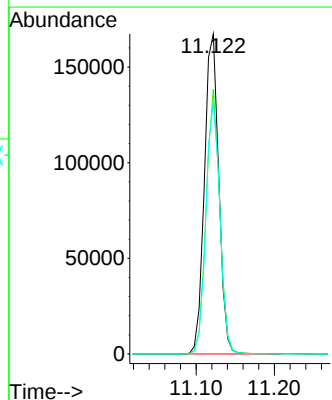
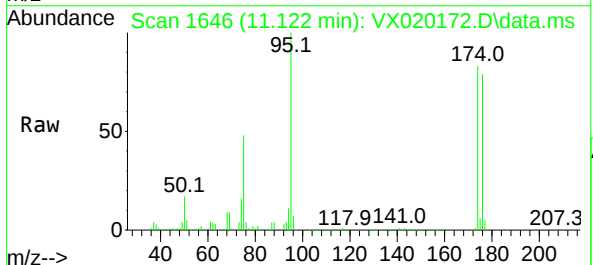
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL

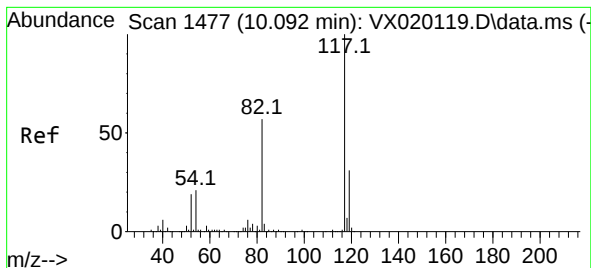
Tgt Ion:129 Resp: 925
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.54 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Tgt Ion: 95 Resp: 212296
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 76.9 0.0 155.8

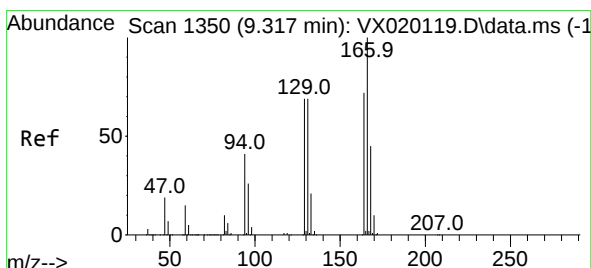
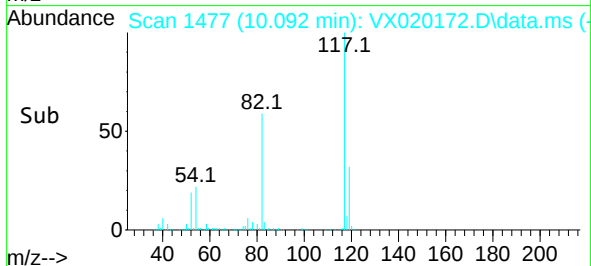
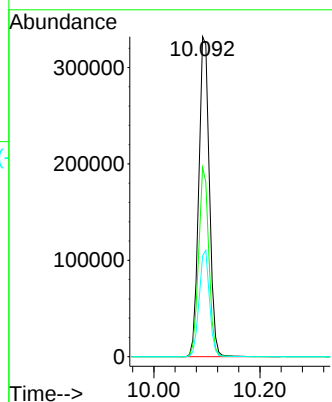
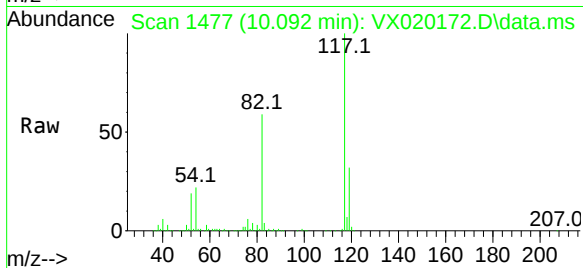




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

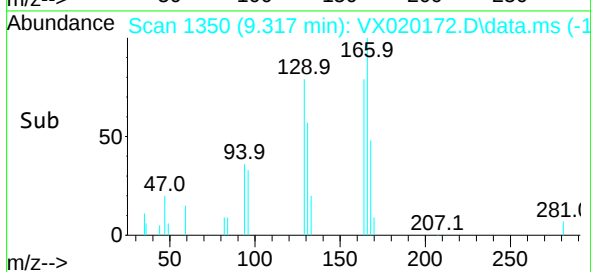
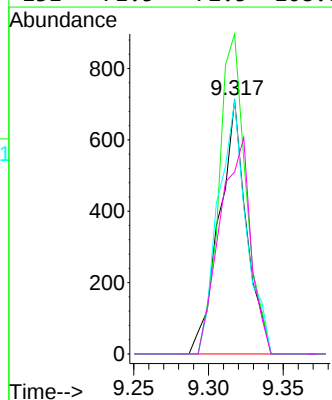
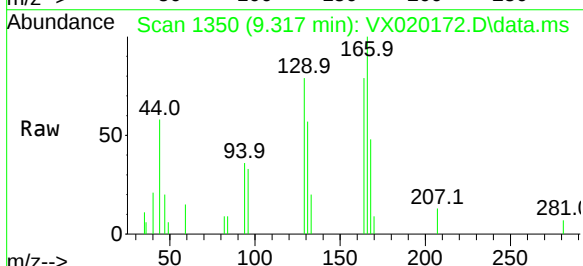
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL

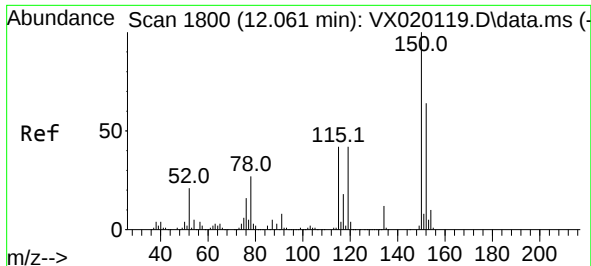
Tgt Ion:117 Resp: 461571
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.6 26.6 39.8



#64
Tetrachloroethene
Concen: 0.26 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

Tgt Ion:164 Resp: 898
Ion Ratio Lower Upper
164 100
166 125.8 103.4 155.2
129 99.3 70.8 106.2
131 71.5 72.5 108.7#

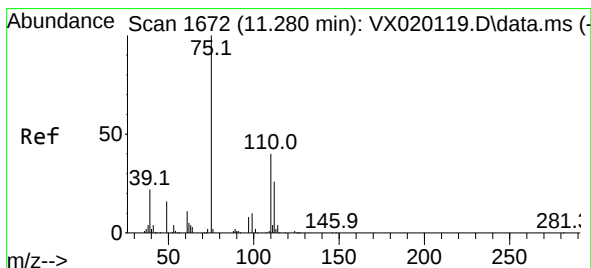
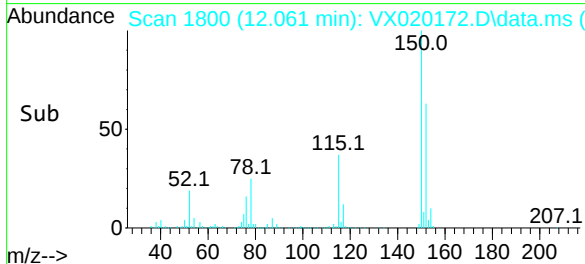
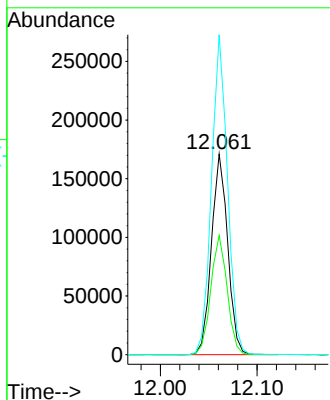
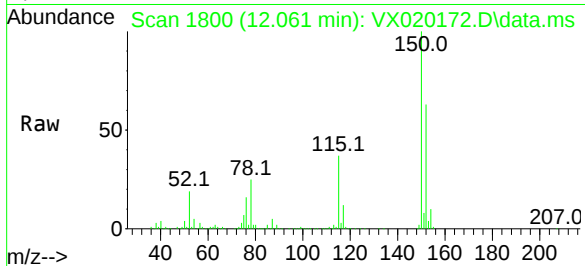




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

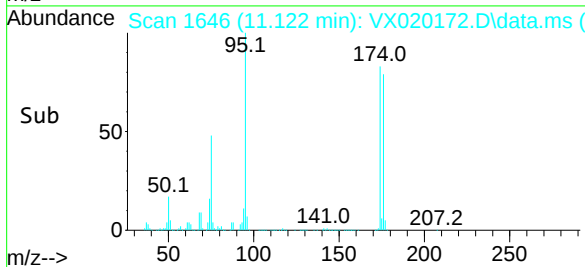
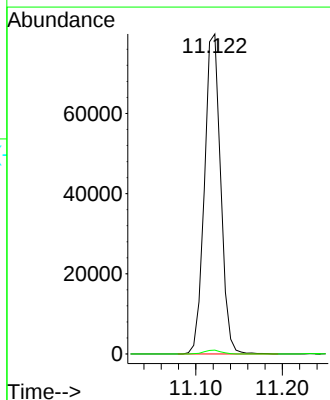
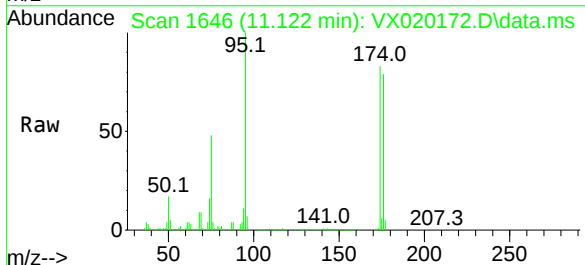
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210DL

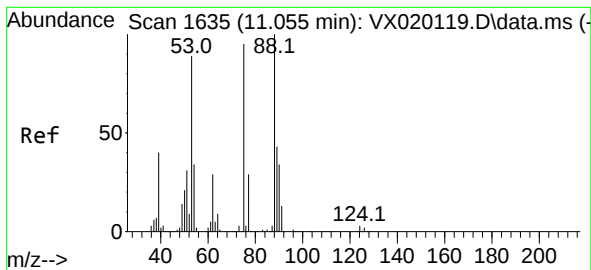
Tgt Ion:152 Resp: 199814
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 156.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020172.D
Acq: 19 Dec 2020 15:38

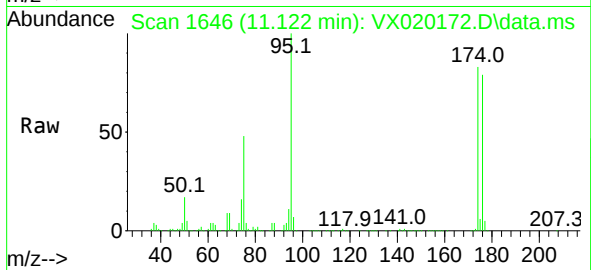
Tgt Ion: 75 Resp: 103480
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.37 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020172.D
 Acq: 19 Dec 2020 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20201210DL



Tgt Ion: 75 Resp: 103480
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

