

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020157.D
 Acq On : 19 Dec 2020 08:11
 Operator : JC/MD
 Sample : L5053-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20201209

Quant Time: Dec 21 00:13:15 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)

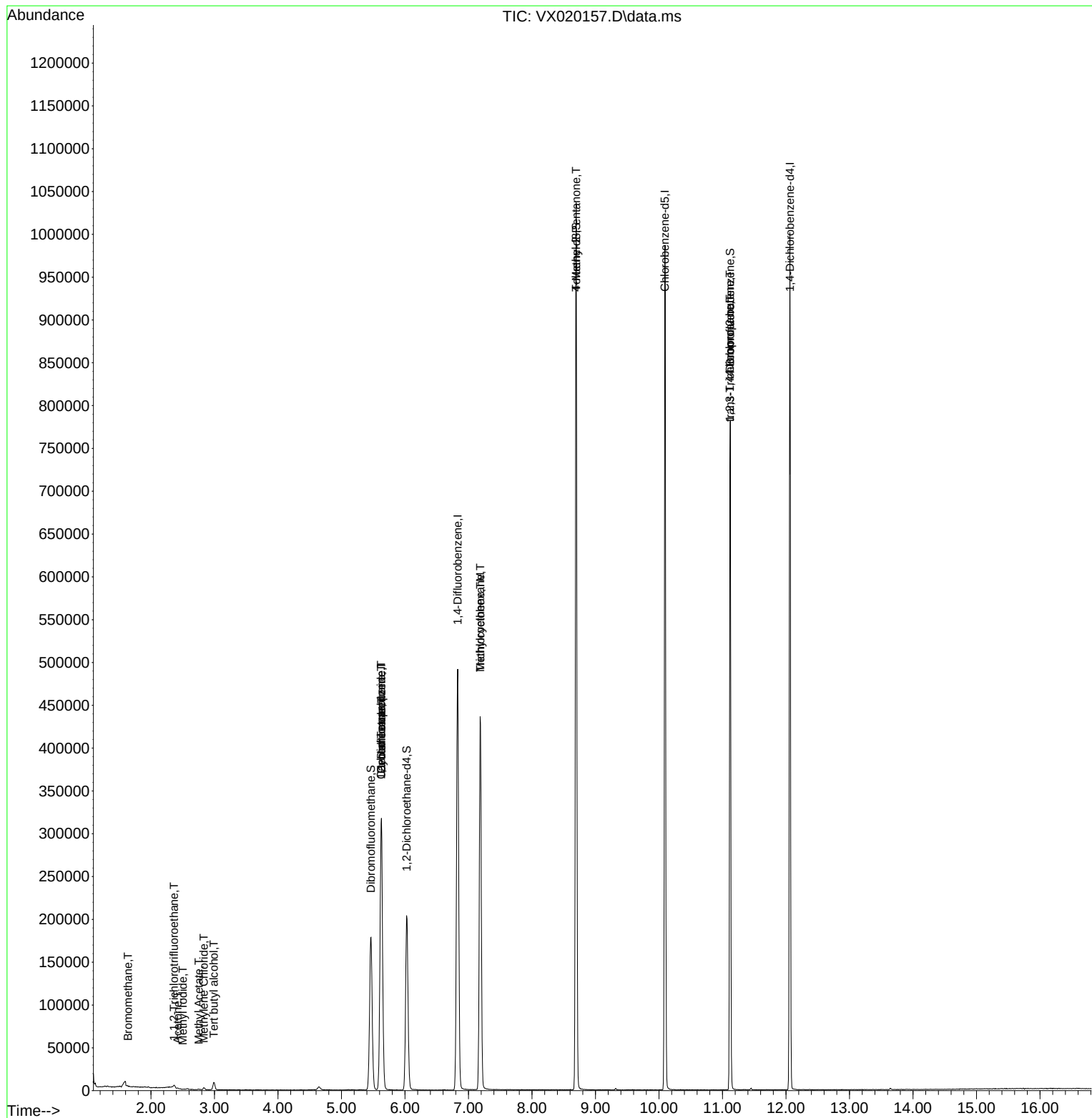
Internal Standards						
1) Pentafluorobenzene	5.629	168	303727	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	503703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	464155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	200256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	194812	47.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.70%		
35) Dibromofluoromethane	5.465	113	156949	48.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.42%		
50) Toluene-d8	8.696	98	613417	49.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.92%		
62) 4-Bromofluorobenzene	11.122	95	217475	45.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.62%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	365	0.27	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.361	101	819	0.27	ug/l	92
10) Methyl Iodide	2.502	142	19	3.29	ug/l #	42
11) Tert butyl alcohol	2.989	59	5033	5.52	ug/l #	73
16) Acetone	2.416	43	1108	0.60	ug/l	93
18) Methyl Acetate	2.752	43	999	0.24	ug/l #	86
20) Methylene Chloride	2.831	84	1148	0.27	ug/l	94
31) Cyclohexane	5.629	56	6097	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23572	4.74	ug/l #	48
38) Carbon Tetrachloride	5.623	117	29837	6.30	ug/l #	17
39) Methylcyclohexane	7.184	83	2263	0.39	ug/l #	1
44) Trichloroethene	7.184	130	174372	43.53	ug/l	100
51) 4-Methyl-2-Pentanone	8.696	43	2386	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	105273	21.34	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	105273	63.31	ug/l #	12

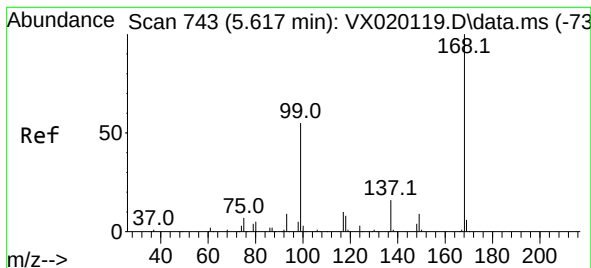
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX020157.D

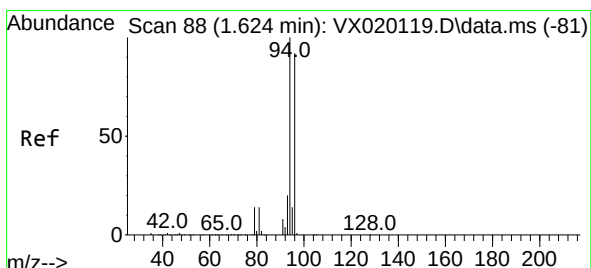
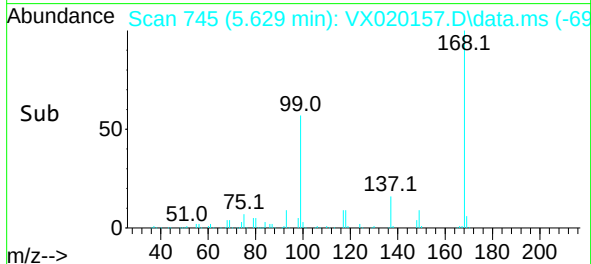
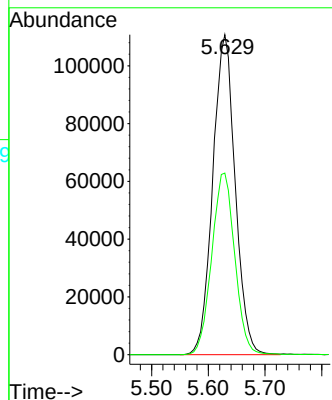
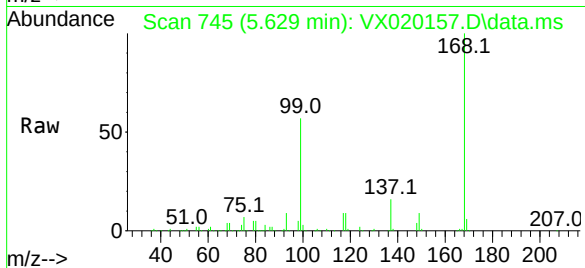
Acq: 19 Dec 2020 08:11

Tgt Ion:168 Resp: 303727

Ion Ratio Lower Upper

168 100

99 56.8 45.8 68.6



#5

Bromomethane

Concen: 0.27 ug/l

RT: 1.636 min Scan# 90

Delta R.T. 0.012 min

Lab File: VX020157.D

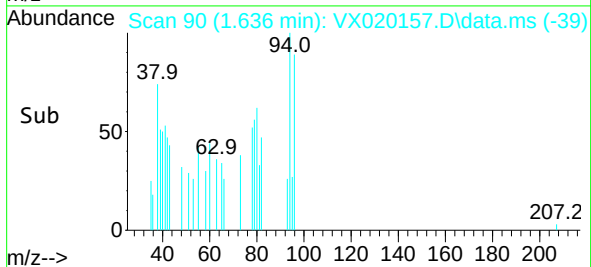
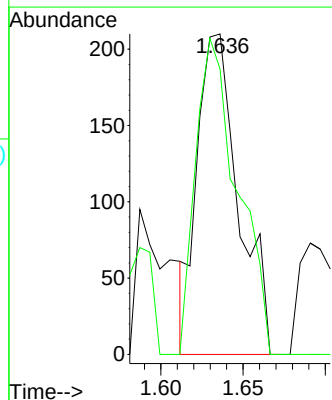
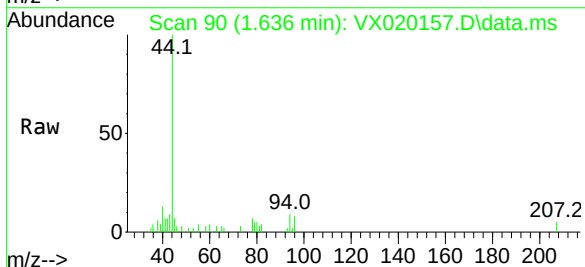
Acq: 19 Dec 2020 08:11

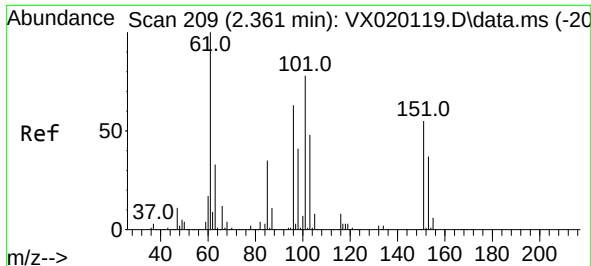
Tgt Ion: 94 Resp: 365

Ion Ratio Lower Upper

94 100

96 89.0 76.4 114.6

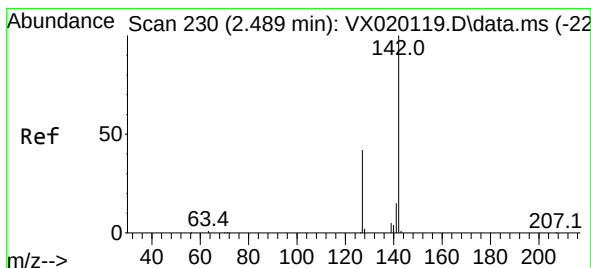
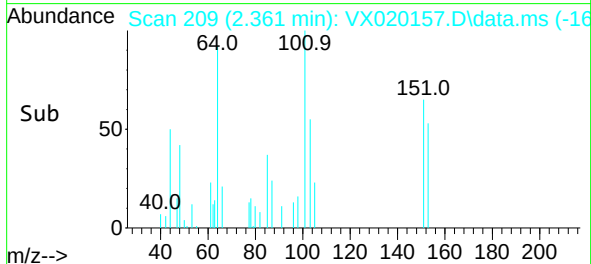
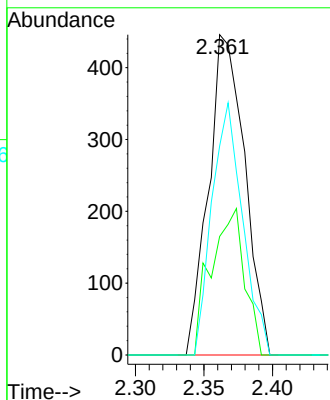
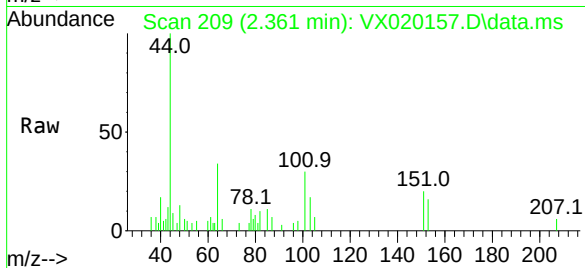




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.27 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

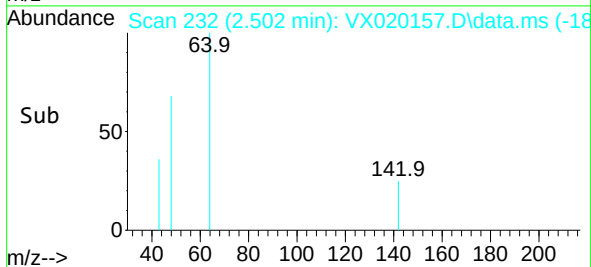
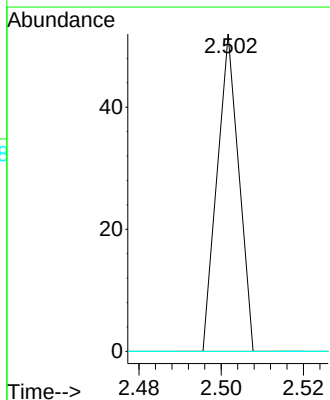
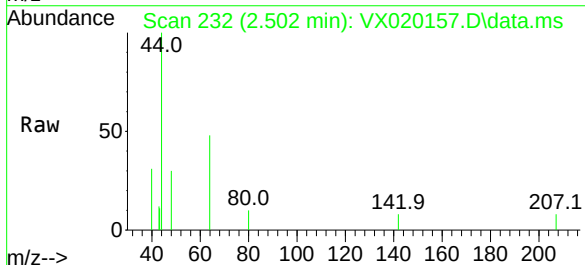
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

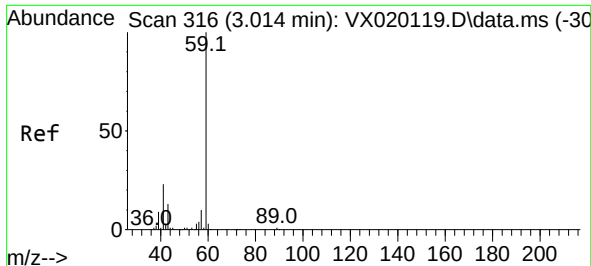
Tgt Ion:	101	Resp:	819
Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.9	52.3
151	66.8	61.4	92.2



#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Tgt Ion:	142	Resp:	19
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#



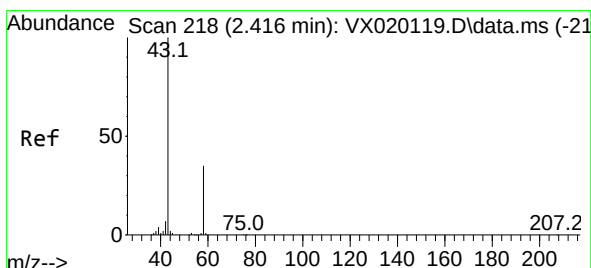
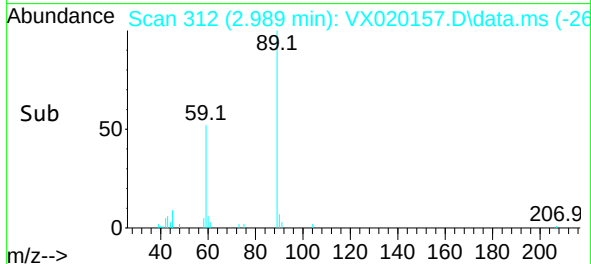
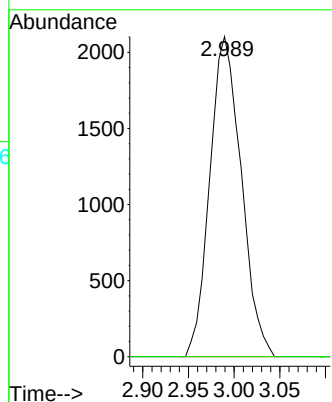
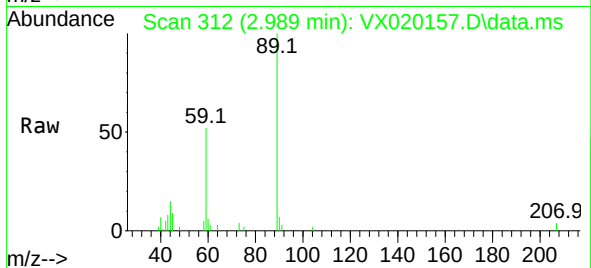


#11

Tert butyl alcohol
Concen: 5.52 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

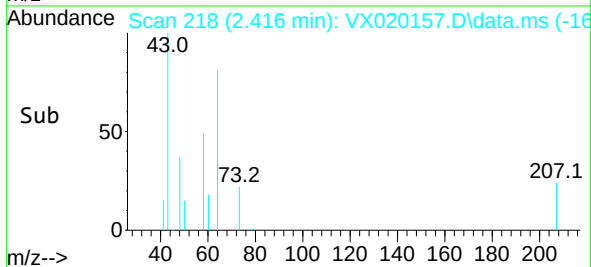
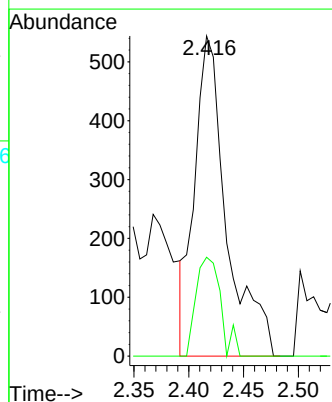
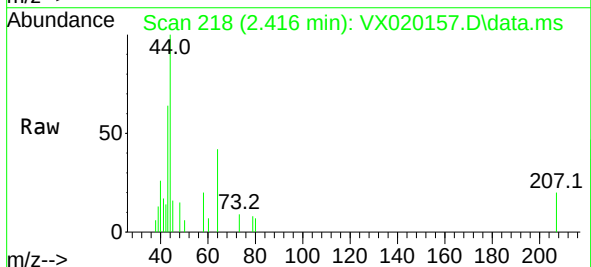
Tgt Ion: 59 Resp: 5033
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

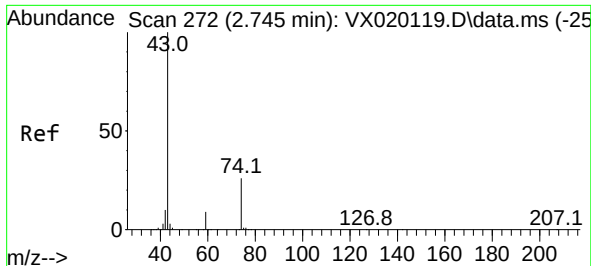


#16

Acetone
Concen: 0.60 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

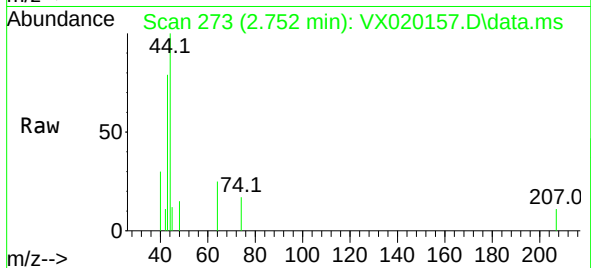
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



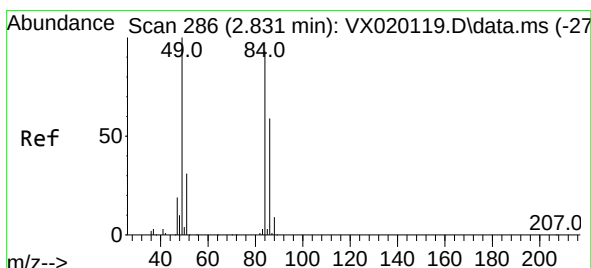
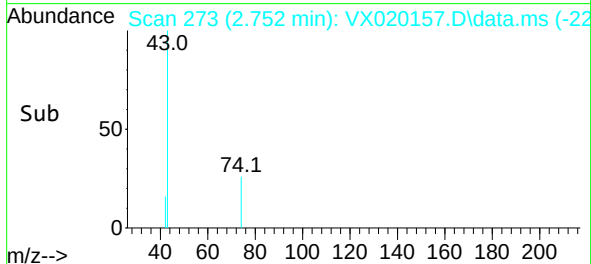
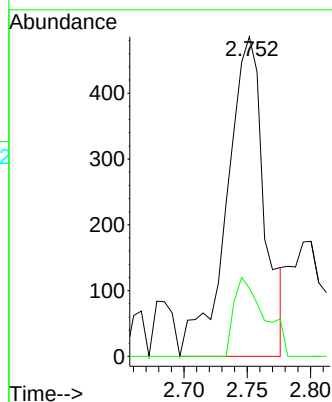


#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

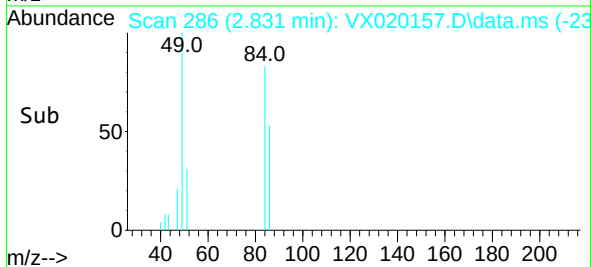
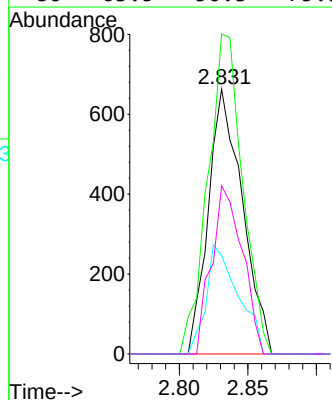
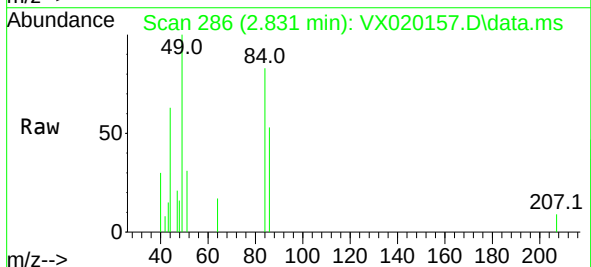


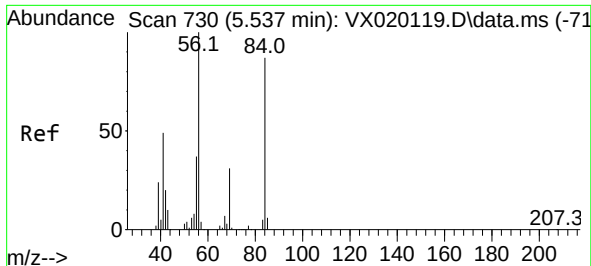
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
74 20.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

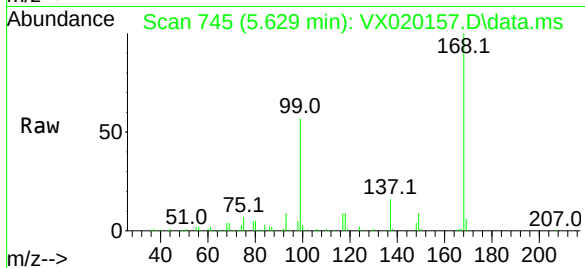
Tgt Ion: 84 Resp: 1148
Ion Ratio Lower Upper
84 100
49 120.8 88.6 132.8
51 37.1 27.0 40.6
86 63.5 50.3 75.5



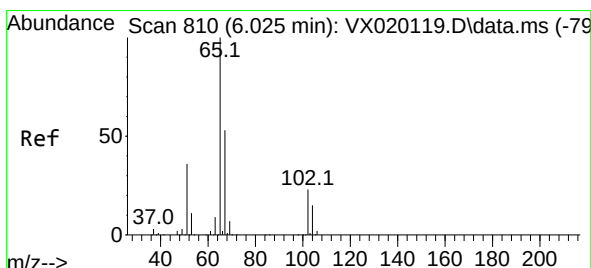
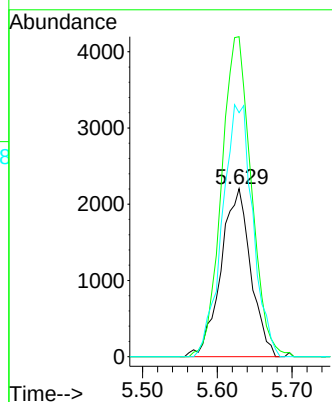
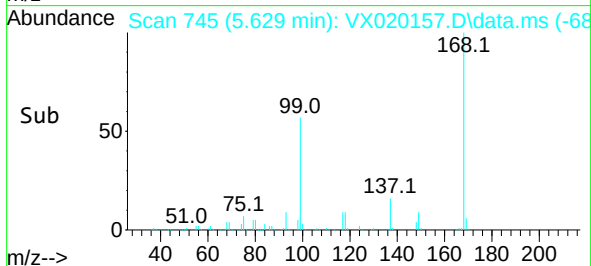


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

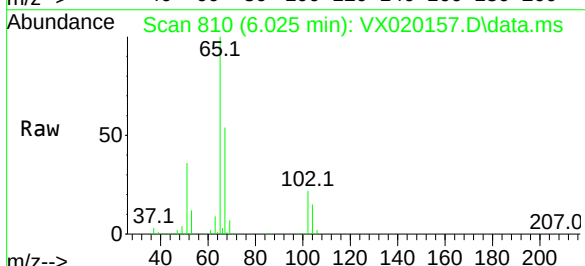
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209



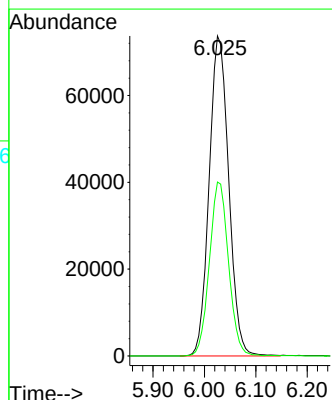
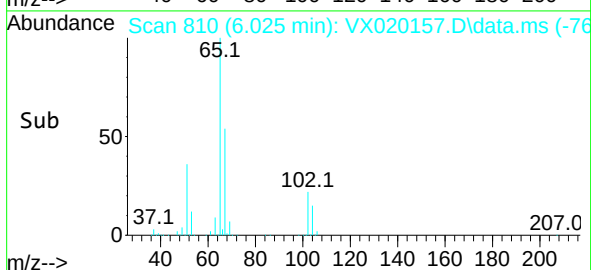
Tgt Ion: 56 Resp: 6097
Ion Ratio Lower Upper
56 100
69 190.4 25.3 37.9#
84 145.1 71.4 107.0#

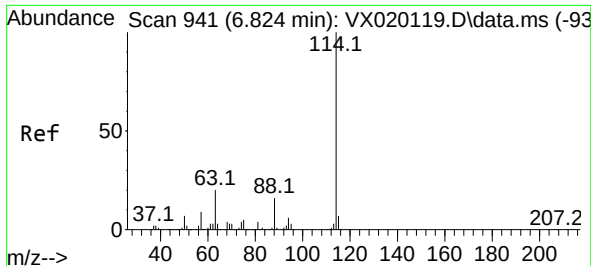


#33
1,2-Dichloroethane-d4
Concen: 47.85 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11



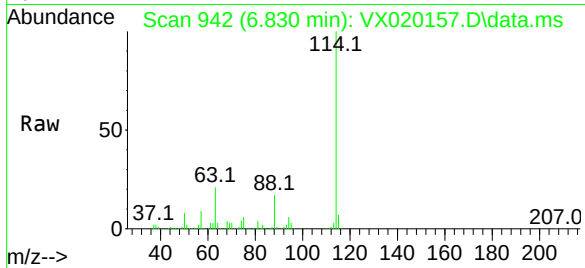
Tgt Ion: 65 Resp: 194812
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



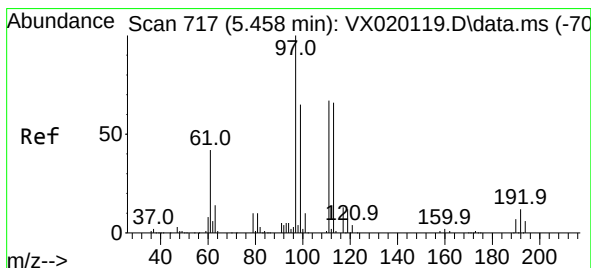
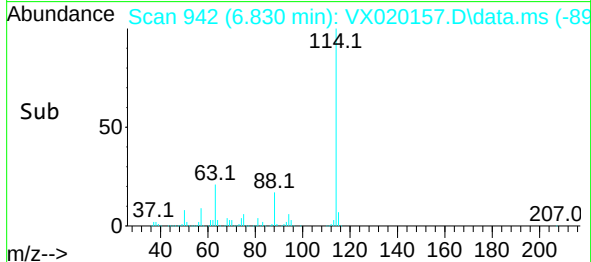
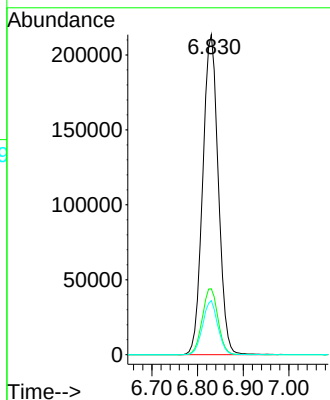


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

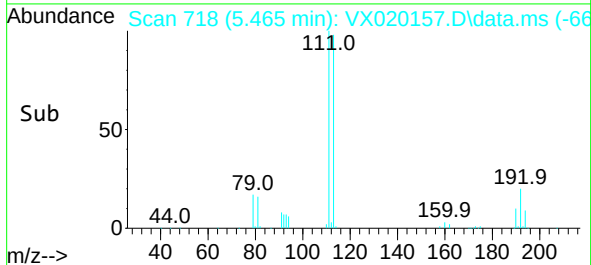
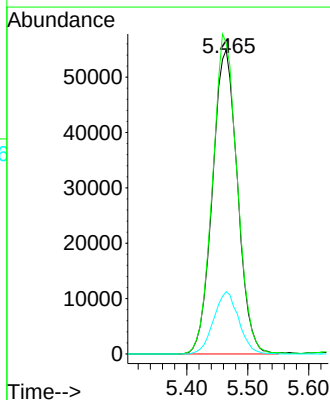
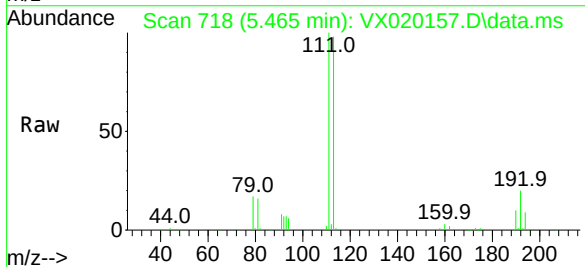


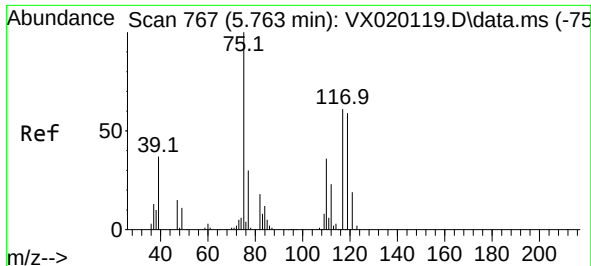
Tgt Ion:114 Resp: 503703
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.71 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

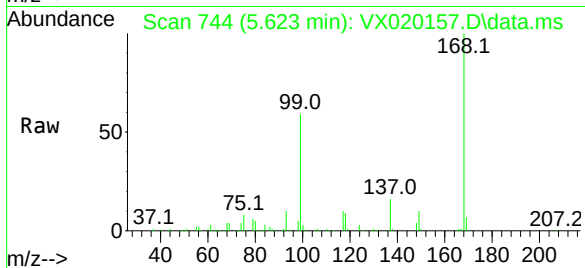
Tgt Ion:113 Resp: 156949
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 20.4 16.7 25.1



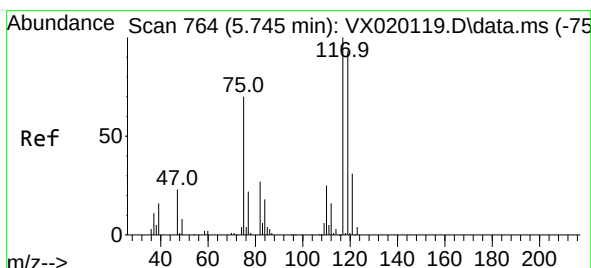
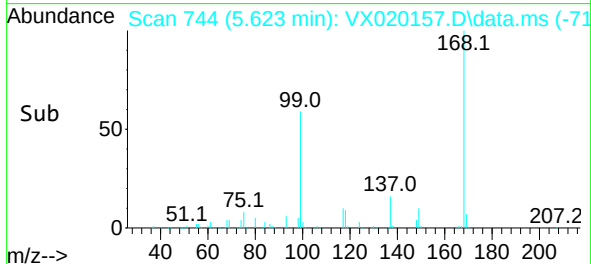
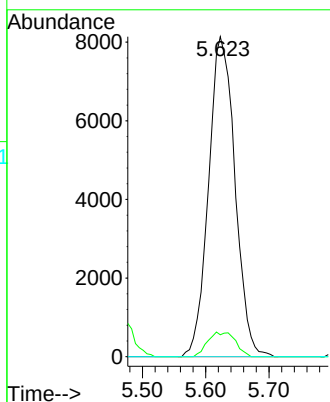


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

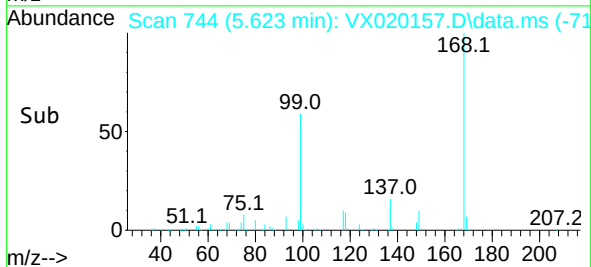
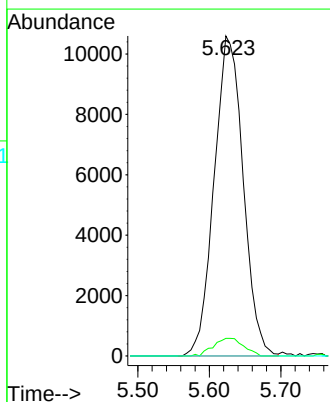
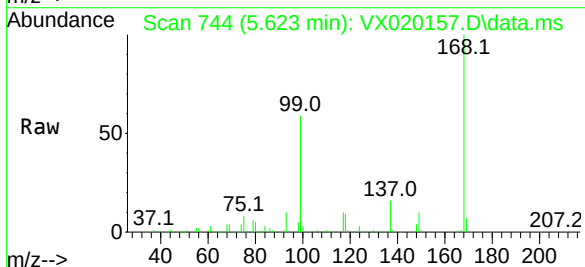


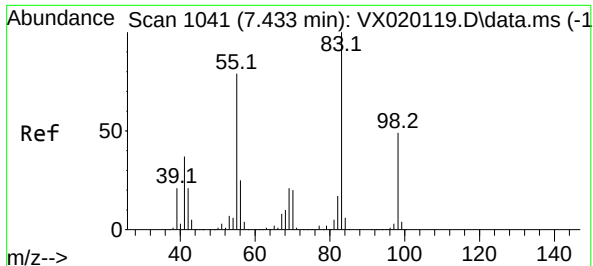
Tgt Ion: 75 Resp: 23572
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Tgt Ion: 117 Resp: 29837
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.39 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.249 min

Lab File: VX020157.D

Acq: 19 Dec 2020 08:11

Tgt Ion: 83 Resp: 2263

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

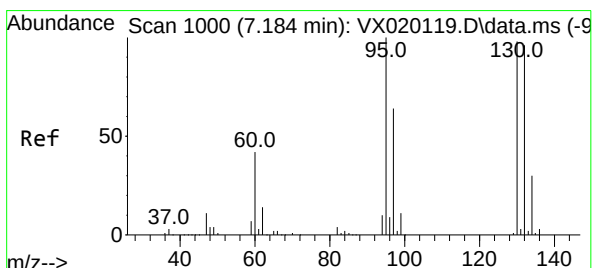
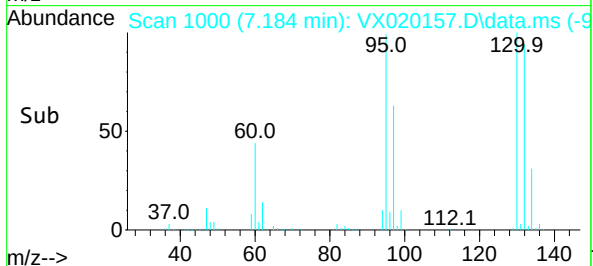
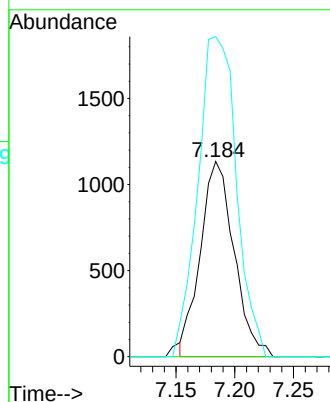
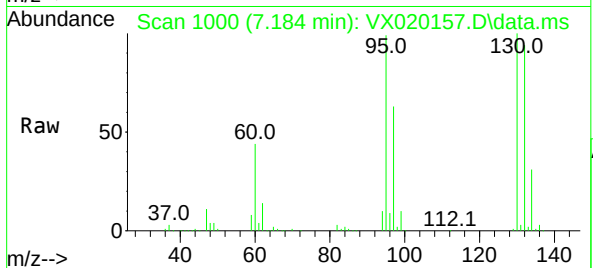
98 163.9 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20201209



#44

Trichloroethene

Concen: 43.53 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020157.D

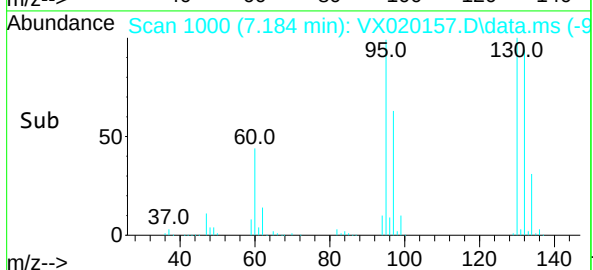
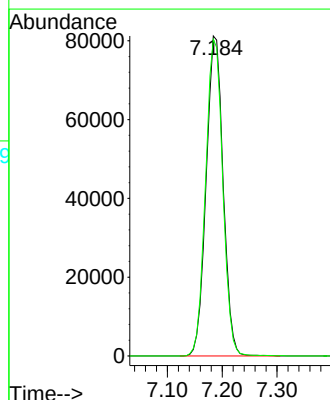
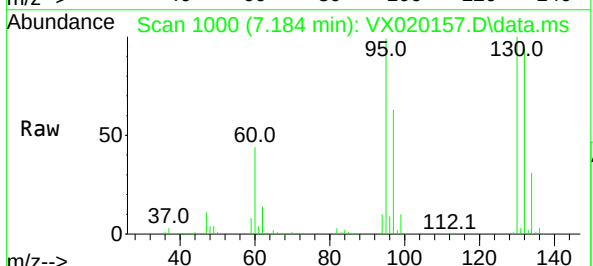
Acq: 19 Dec 2020 08:11

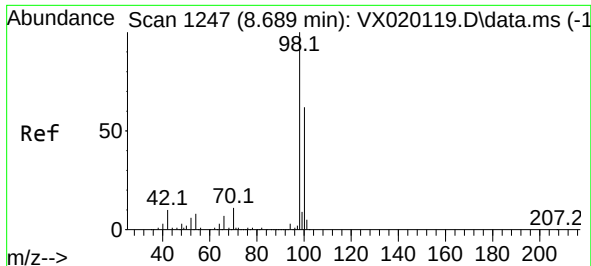
Tgt Ion:130 Resp: 174372

Ion Ratio Lower Upper

130 100

95 99.0 0.0 198.0

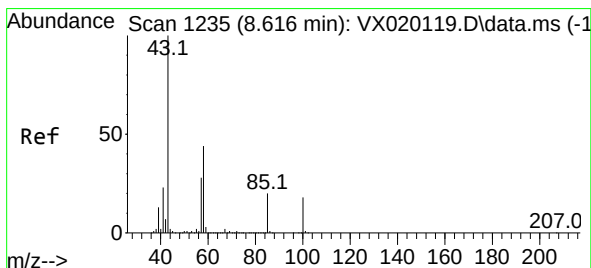
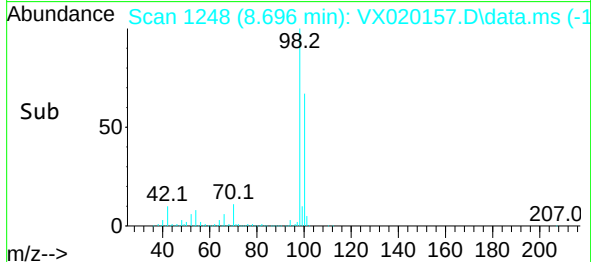
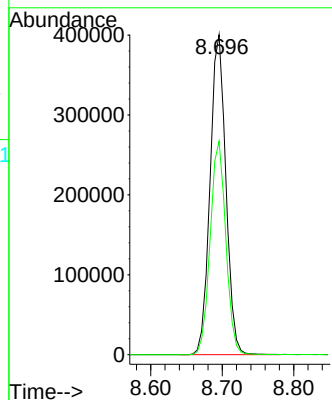
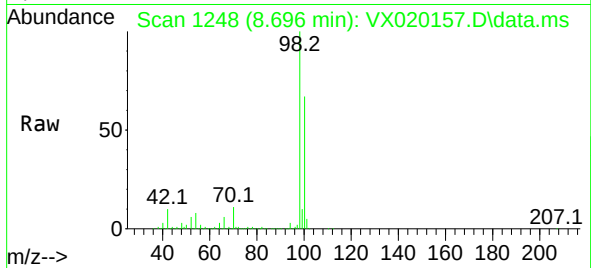




#50
Toluene-d8
Concen: 49.46 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

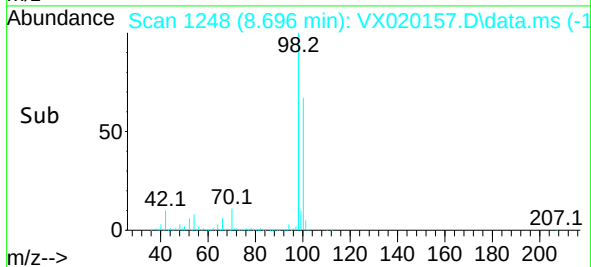
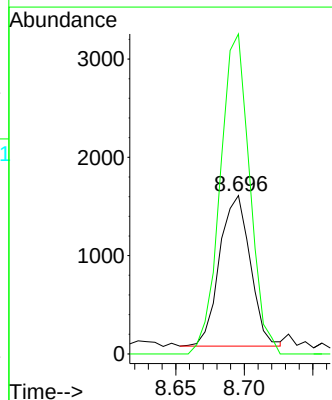
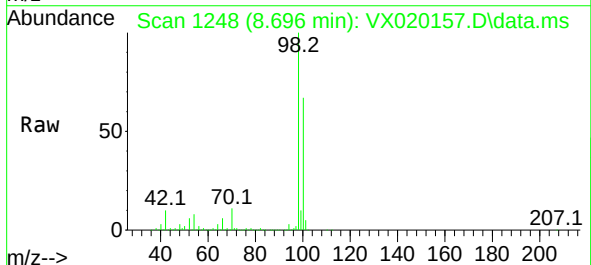
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

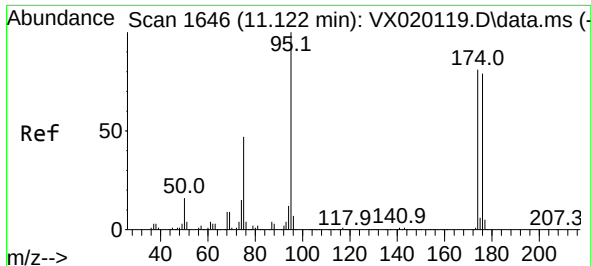
Tgt Ion: 98 Resp: 613417
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Tgt Ion: 43 Resp: 2386
Ion Ratio Lower Upper
43 100
58 204.4 35.4 53.0#

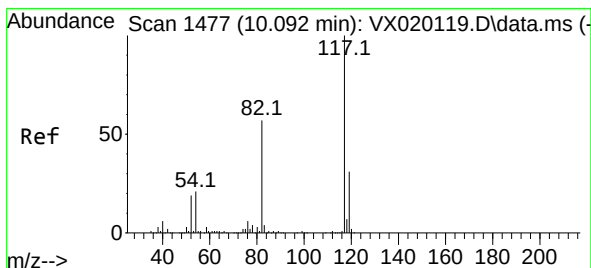
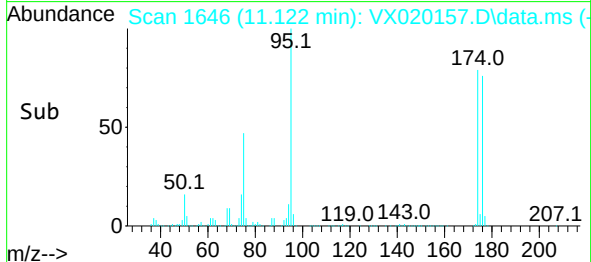
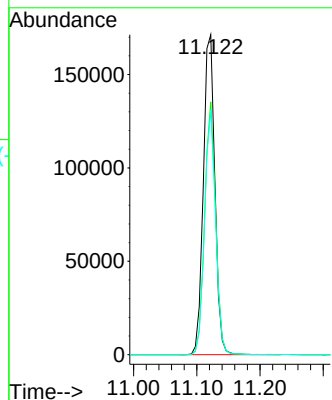
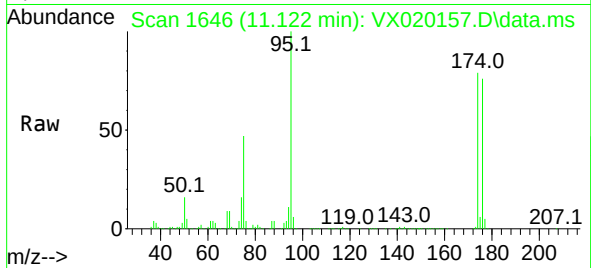




#62
4-Bromofluorobenzene
Concen: 45.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

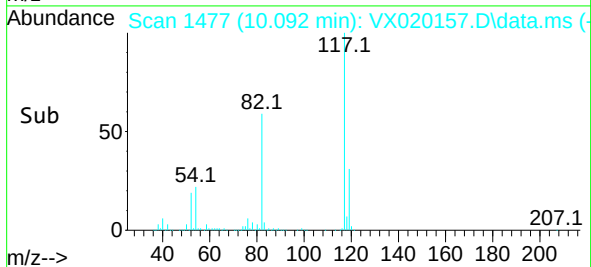
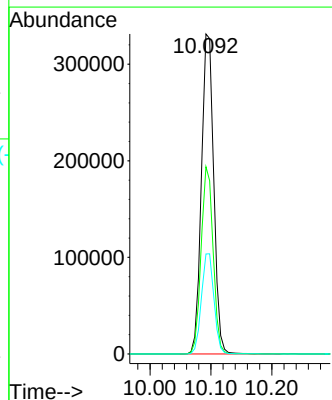
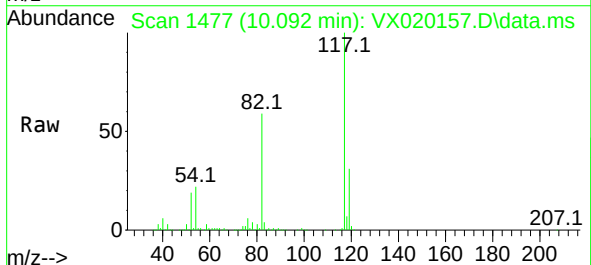
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

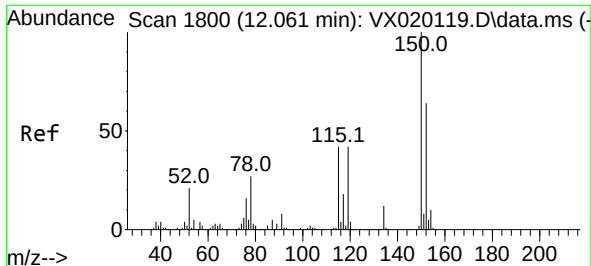
Tgt Ion: 95 Resp: 217475
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 73.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

Tgt Ion: 117 Resp: 464155
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.2 26.6 39.8

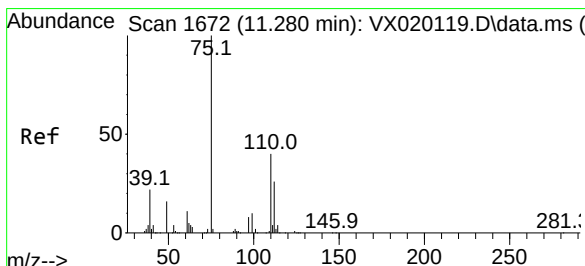
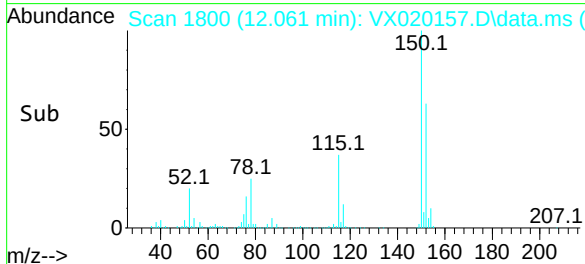
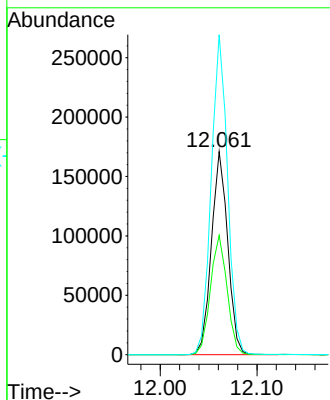
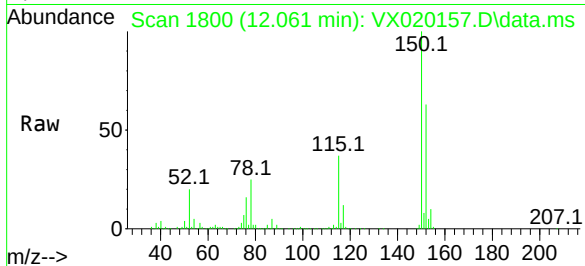




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

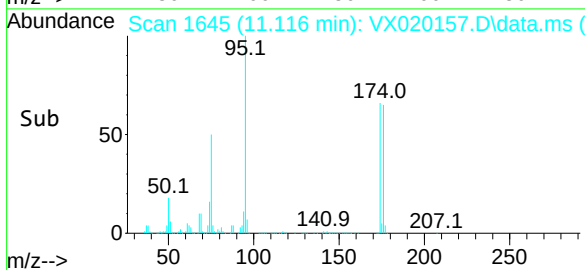
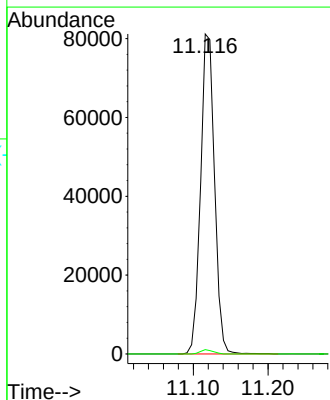
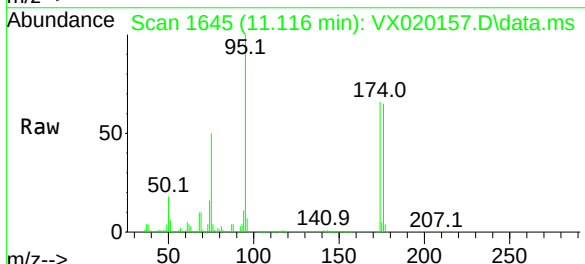
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20201209

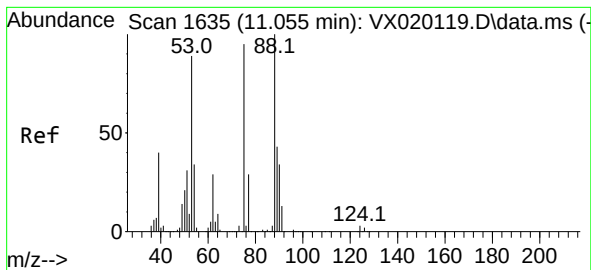
Tgt Ion:152 Resp: 200256
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 158.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.34 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020157.D
Acq: 19 Dec 2020 08:11

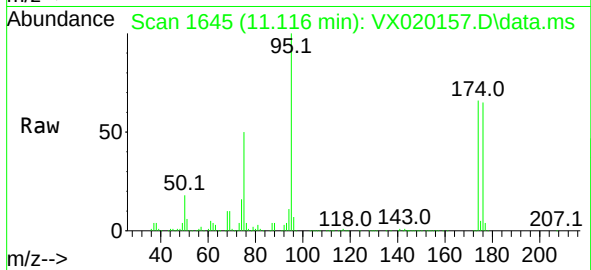
Tgt Ion: 75 Resp: 105273
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.31 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020157.D
 Acq: 19 Dec 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20201209



Tgt Ion: 75 Resp: 105273
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

