

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020337.D
 Acq On : 23 Dec 2020 14:44
 Operator : JC/MD
 Sample : L5124-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-20201211

Quant Time: Dec 24 00:17:03 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)

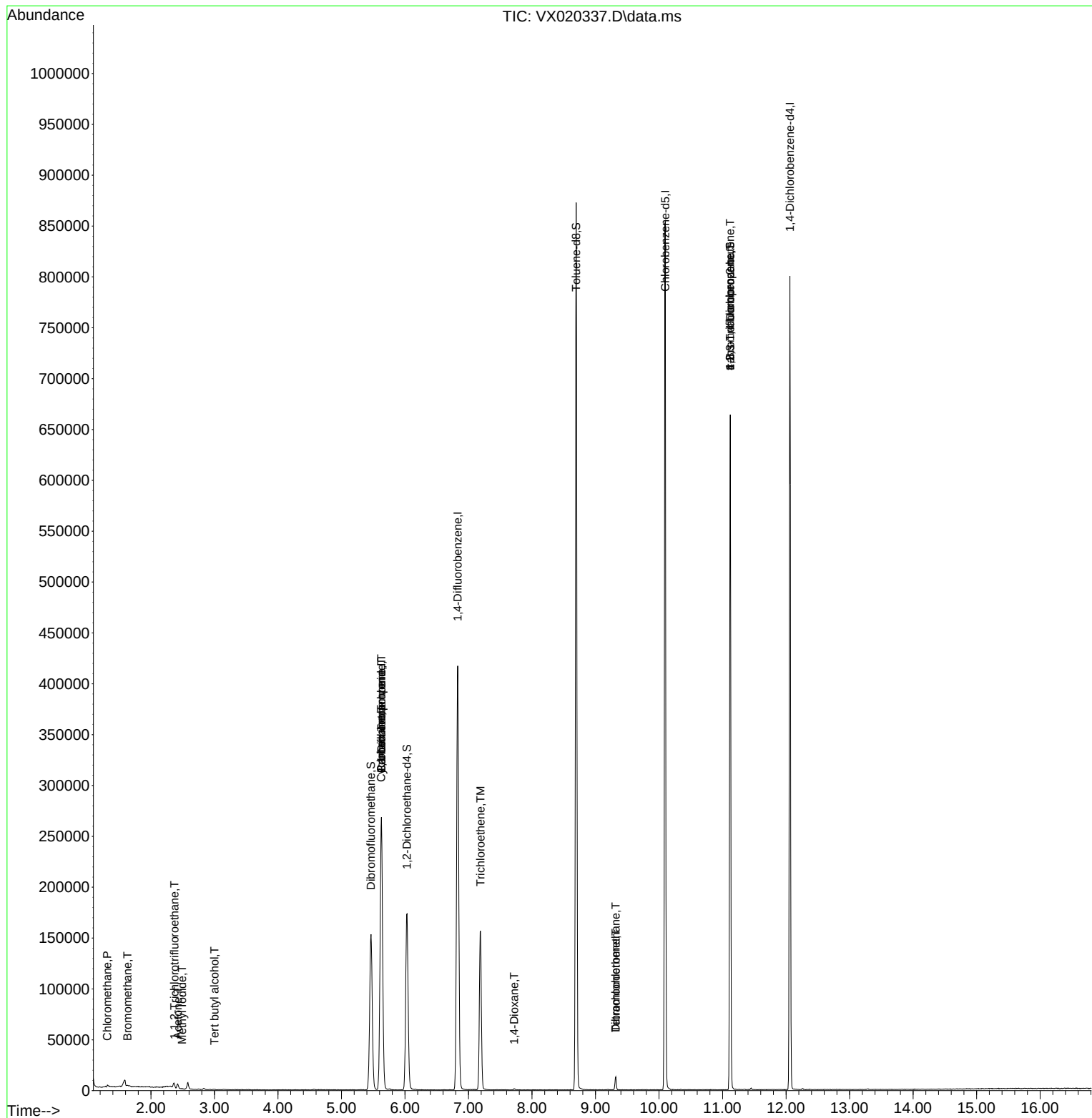
Internal Standards						
1) Pentafluorobenzene	5.629	168	251678	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	419242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	402247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	162926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	167052	49.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.04%
35) Dibromofluoromethane	5.464	113	133294	49.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.40%
50) Toluene-d8	8.695	98	513768	49.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.54%
62) 4-Bromofluorobenzene	11.122	95	183071	46.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.66%
Target Compounds						Qvalue
3) Chloromethane	1.312	50	911	0.29	ug/l	92
5) Bromomethane	1.629	94	320	0.29	ug/l #	75
9) 1,1,2-Trichlorotrifluo...	2.367	101	1465	0.58	ug/l	96
10) Methyl Iodide	2.489	142	197	3.34	ug/l #	55
11) Tert butyl alcohol	3.001	59	257	0.34	ug/l #	73
16) Acetone	2.422	43	4905	3.19	ug/l	98
31) Cyclohexane	5.623	56	5065	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19871	4.80	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24963	6.33	ug/l #	17
44) Trichloroethene	7.189	130	60892	18.26	ug/l	100
49) 1,4-Dioxane	7.720	88	667	8.55	ug/l #	73
60) Dibromochloromethane	9.317	129	2271	0.71	ug/l #	11
64) Tetrachloroethene	9.317	164	2543	0.84	ug/l	93
76) 1,2,3-Trichloropropane	11.122	75	87058	21.69	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87058	64.36	ug/l #	12

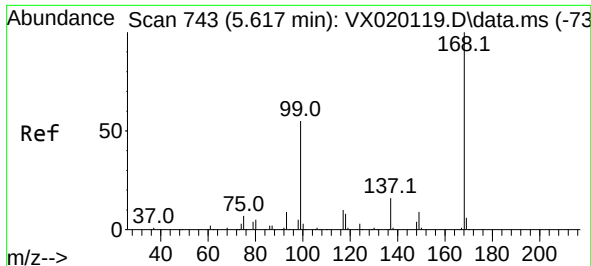
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
Data File : VX020337.D
Acq On : 23 Dec 2020 14:44
Operator : JC/MD
Sample : L5124-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

Quant Time: Dec 24 00:17:03 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

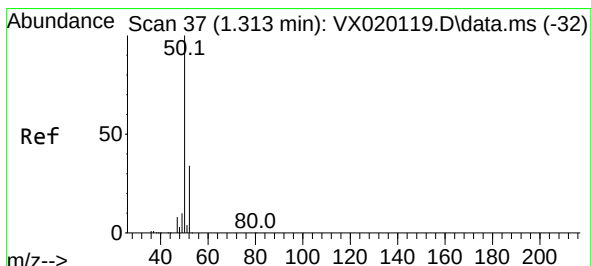
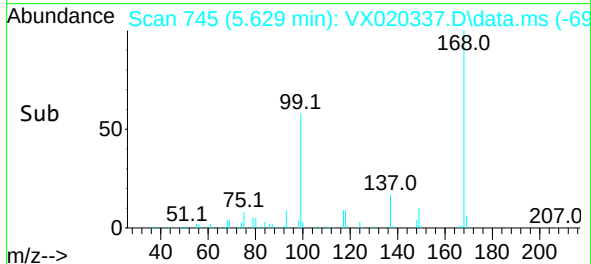
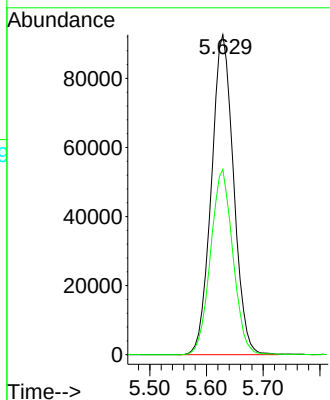
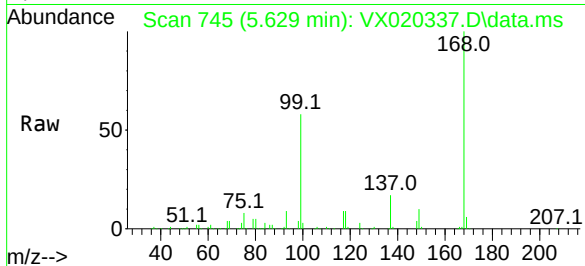




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

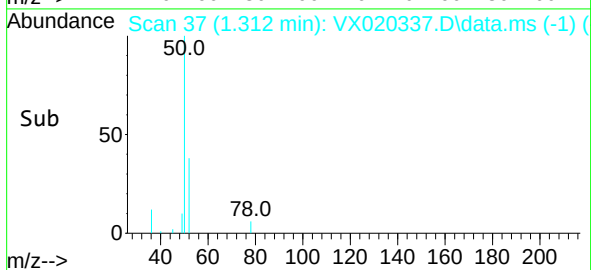
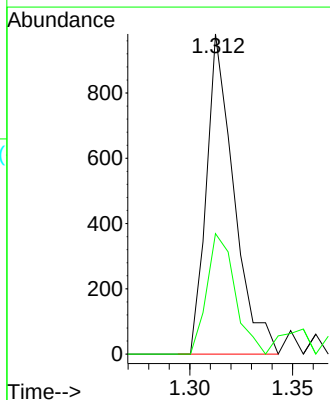
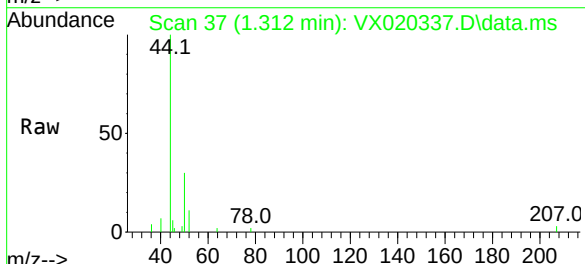
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

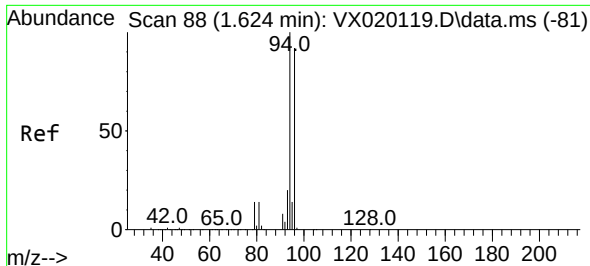
Tgt Ion:168 Resp: 251678
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.312 min Scan# 37
Delta R.T. -0.001 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

Tgt Ion: 50 Resp: 911
Ion Ratio Lower Upper
50 100
52 37.6 26.4 39.6

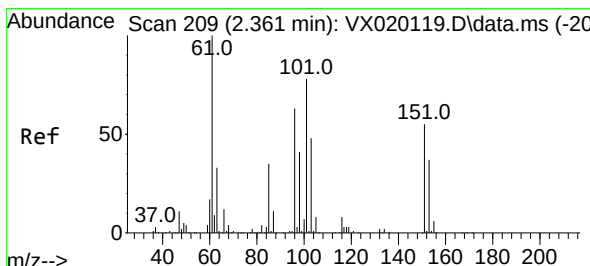
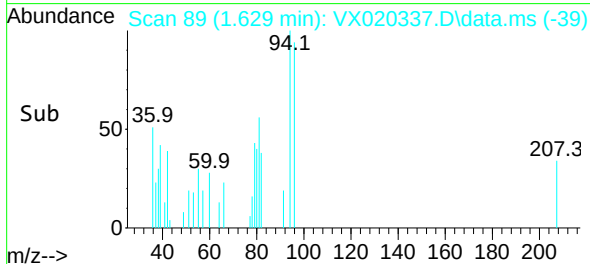
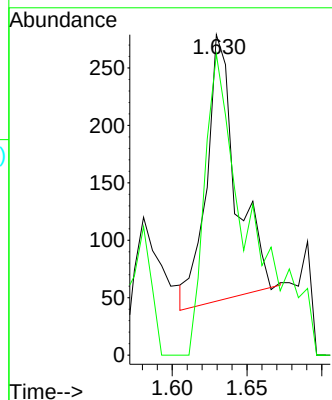
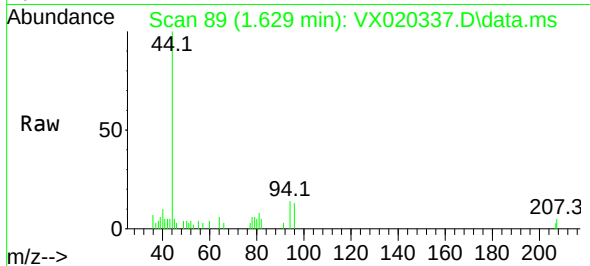




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

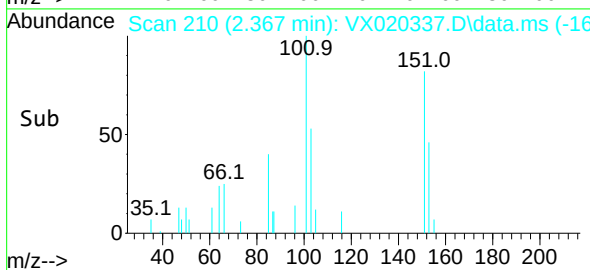
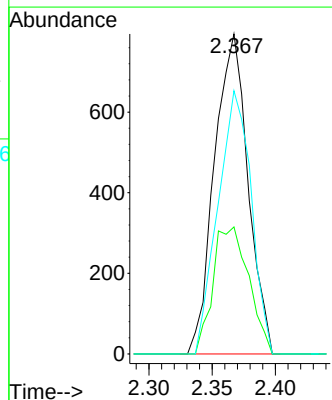
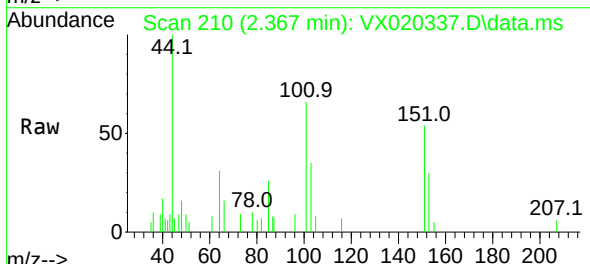
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

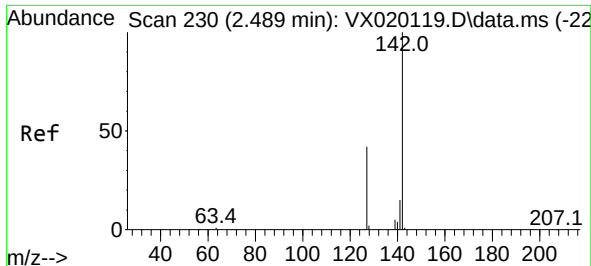
Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 120.2 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.58 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

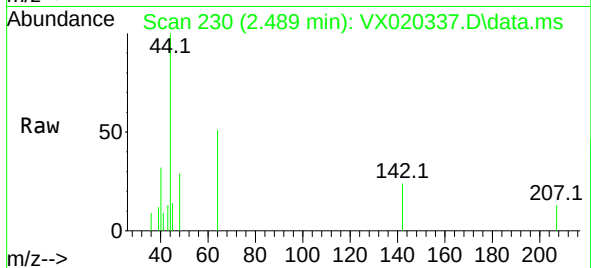
Tgt Ion: 101 Resp: 1465
Ion Ratio Lower Upper
101 100
85 42.3 34.9 52.3
151 81.4 61.4 92.2



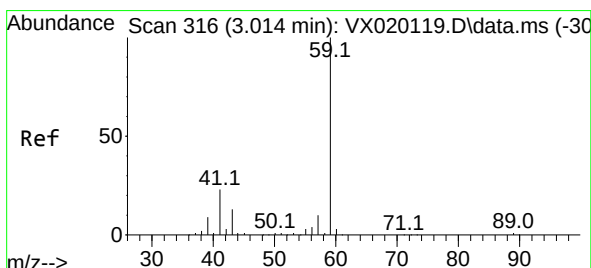
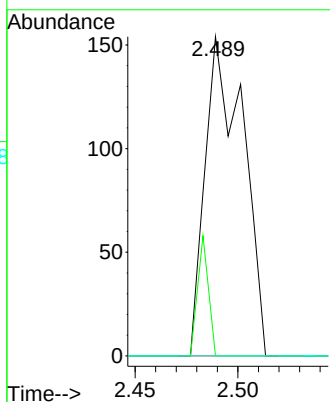
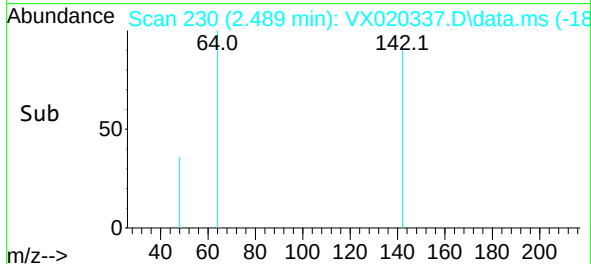


#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

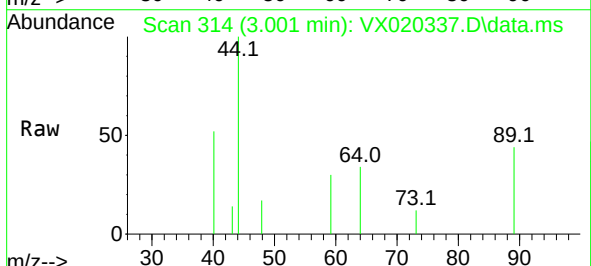
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211



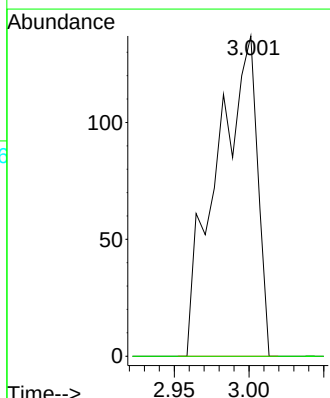
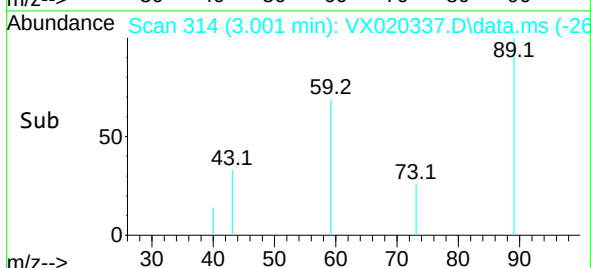
Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
142 100
127 10.7 33.3 49.9#
141 0.0 11.4 17.0#

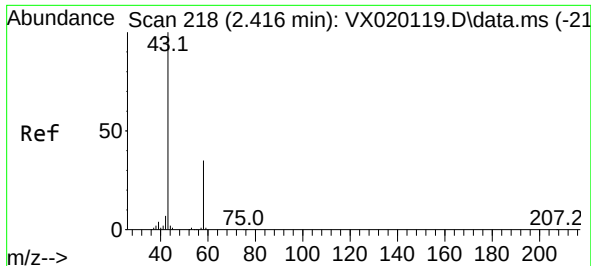


#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44



Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

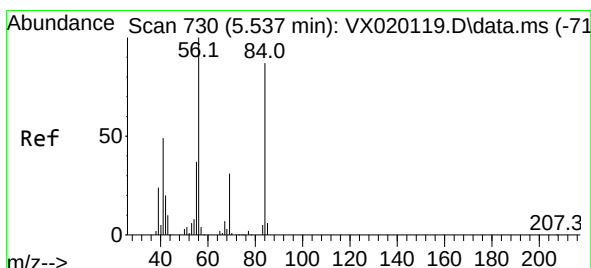
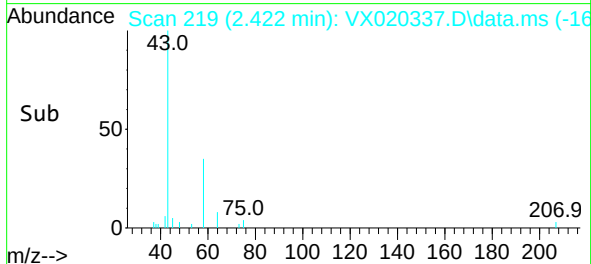
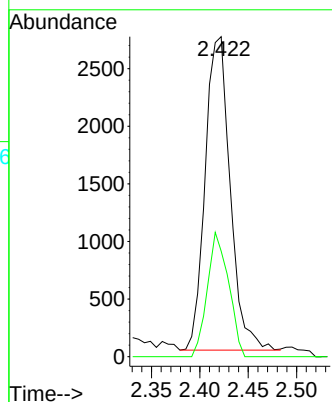
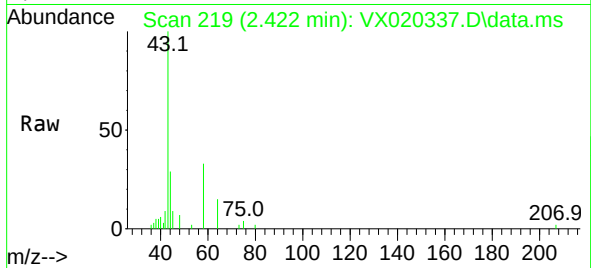




#16
Acetone
Concen: 3.19 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

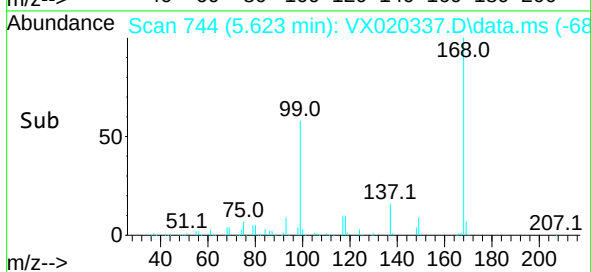
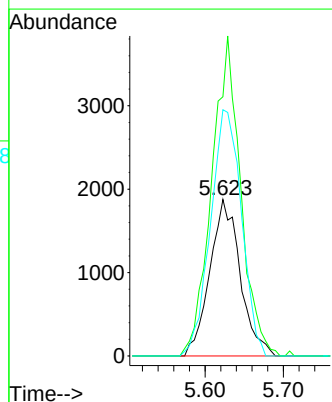
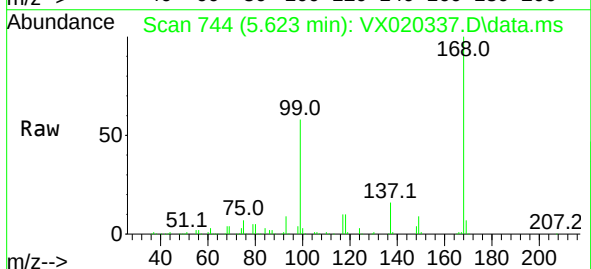
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

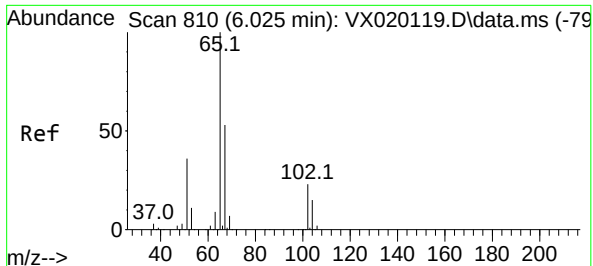
Tgt Ion: 43 Resp: 4905
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

Tgt Ion: 56 Resp: 5065
Ion Ratio Lower Upper
56 100
69 165.6 25.3 37.9#
84 157.3 71.4 107.0#

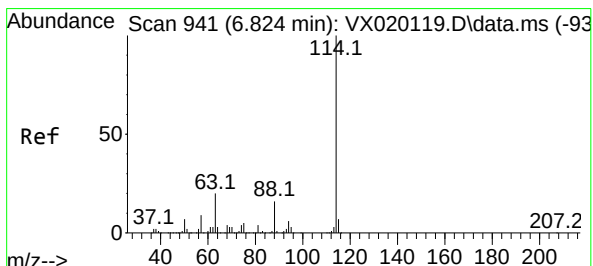
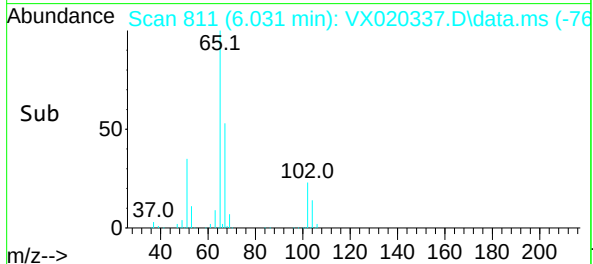
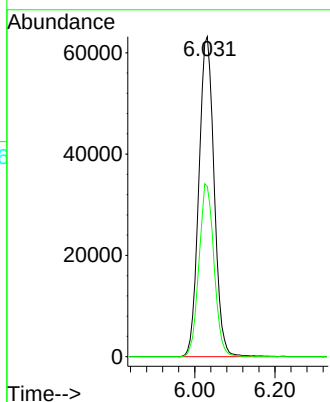
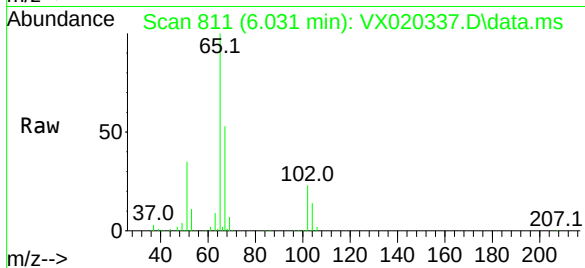




#33
1,2-Dichloroethane-d4
Concen: 49.52 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

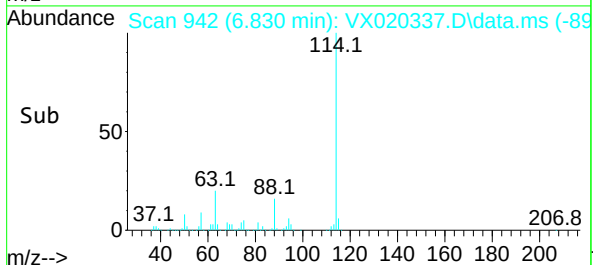
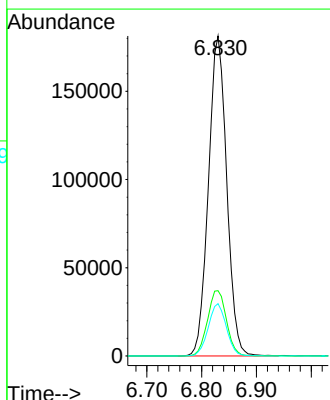
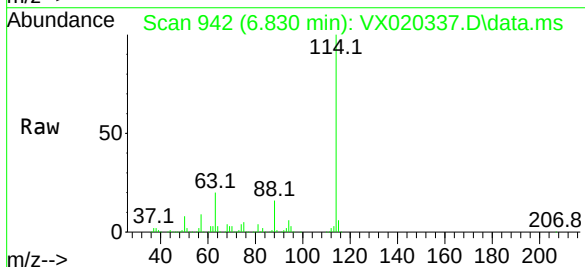
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

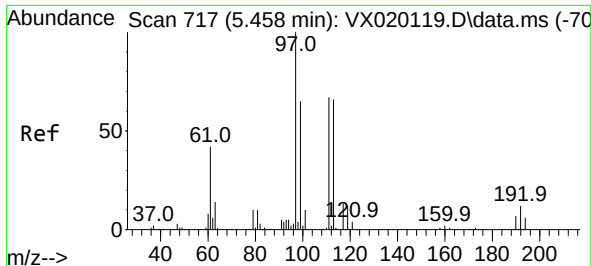
Tgt Ion: 65 Resp: 167052
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

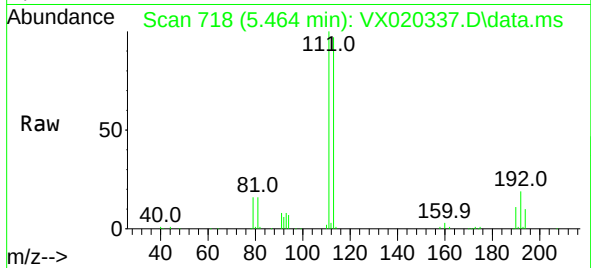
Tgt Ion: 114 Resp: 419242
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.4 0.0 32.8



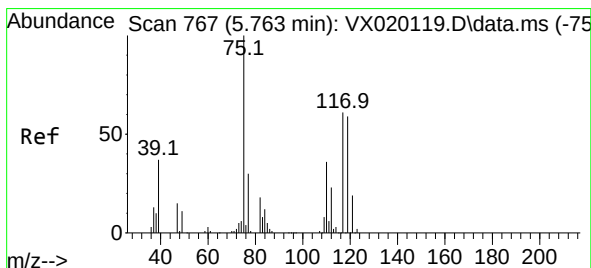
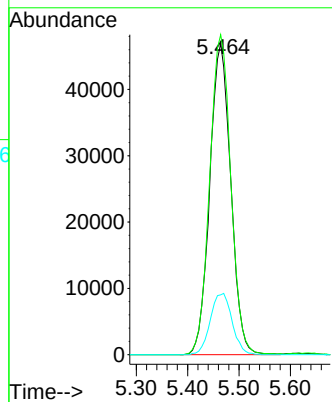
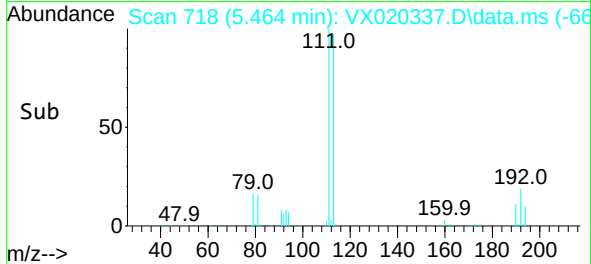


#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

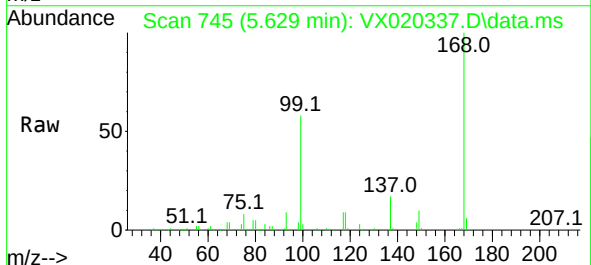
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211



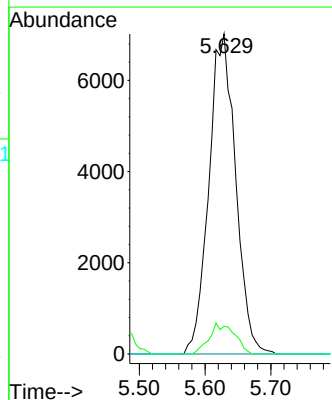
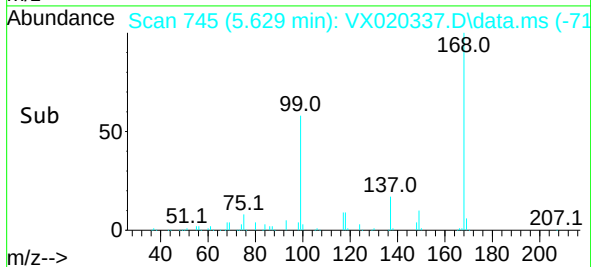
Tgt Ion:113 Resp: 133294
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.4 16.7 25.1

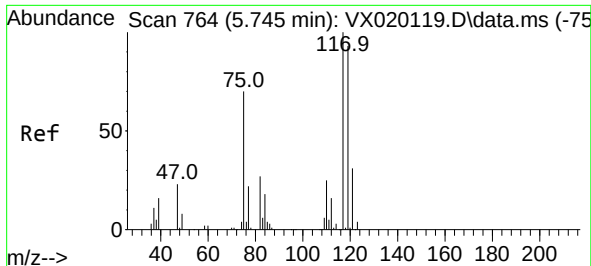


#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44



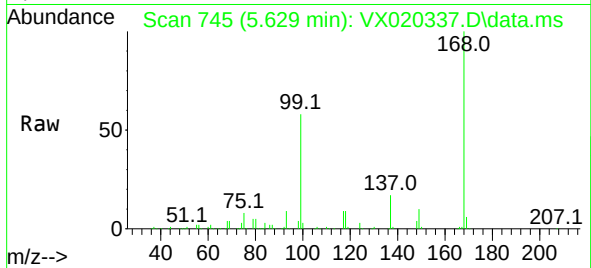
Tgt Ion: 75 Resp: 19871
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



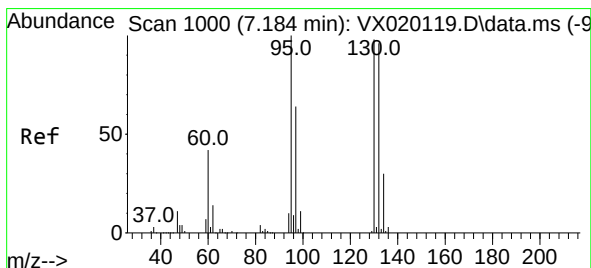
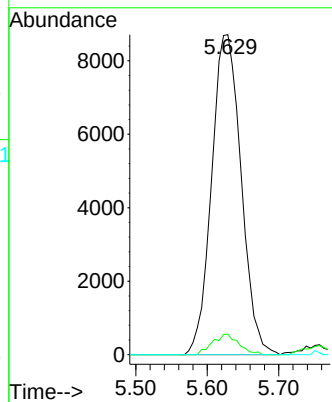
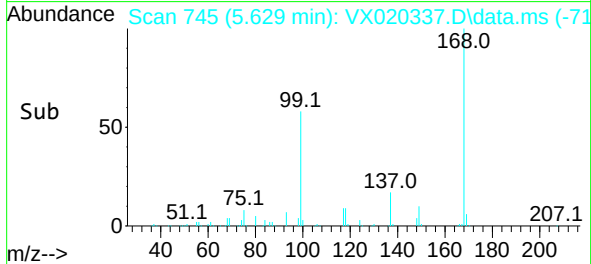


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

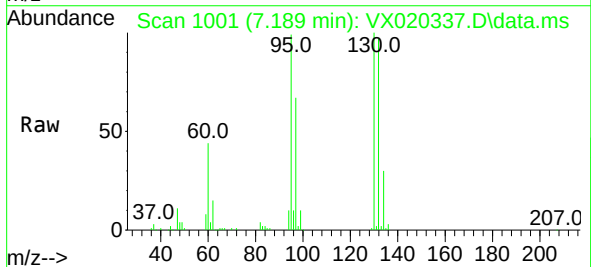
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211



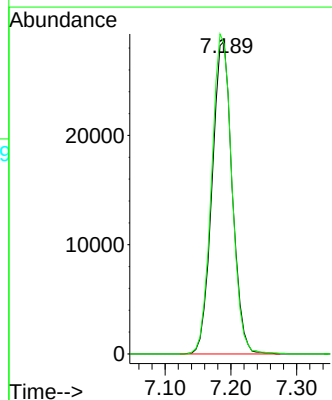
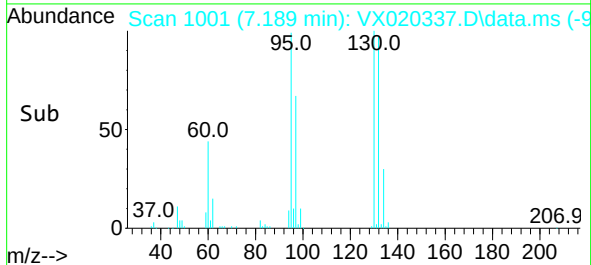
Tgt Ion:117 Resp: 24963
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

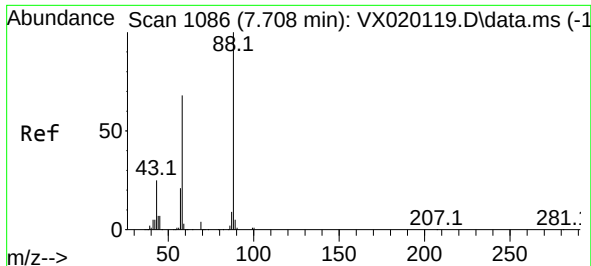


#44
Trichloroethene
Concen: 18.26 ug/l
RT: 7.189 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44



Tgt Ion:130 Resp: 60892
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.0

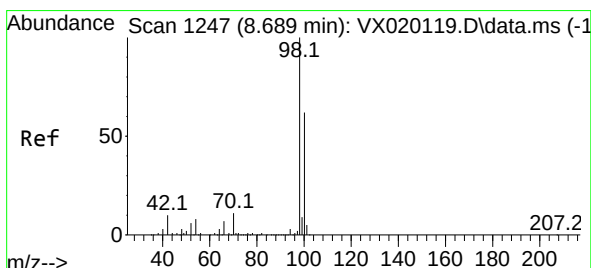
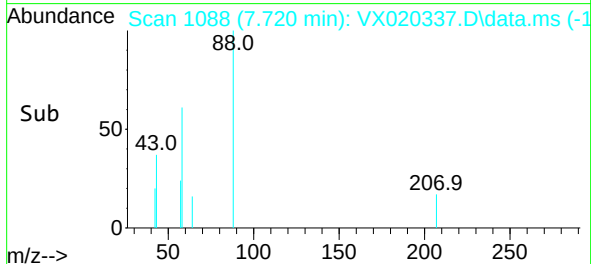
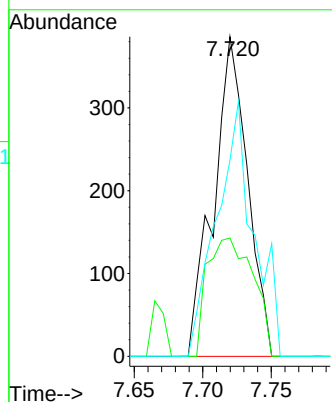
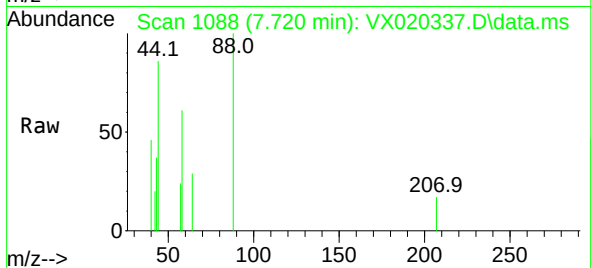




#49
1,4-Dioxane
Concen: 8.55 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

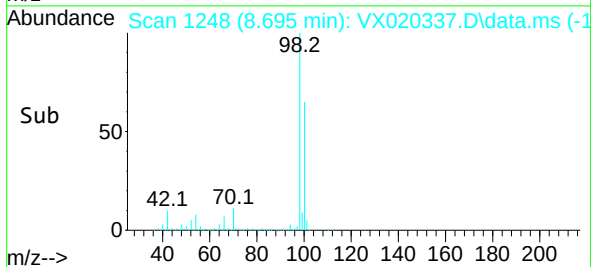
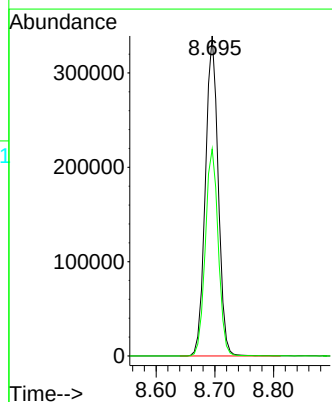
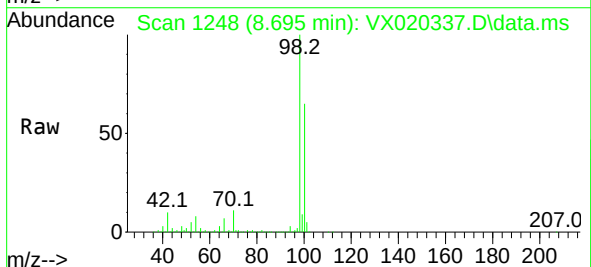
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

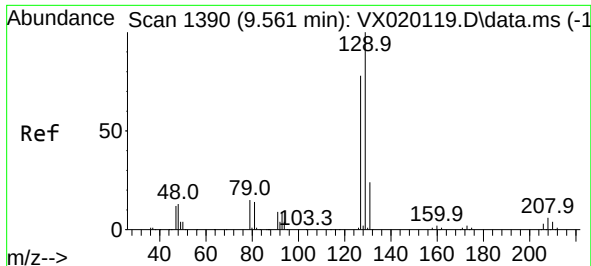
Tgt Ion: 88 Resp: 667
Ion Ratio Lower Upper
88 100
43 50.1 23.2 34.8#
58 86.5 55.0 82.4#



#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

Tgt Ion: 98 Resp: 513768
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

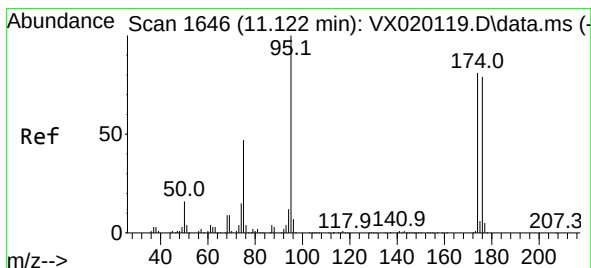
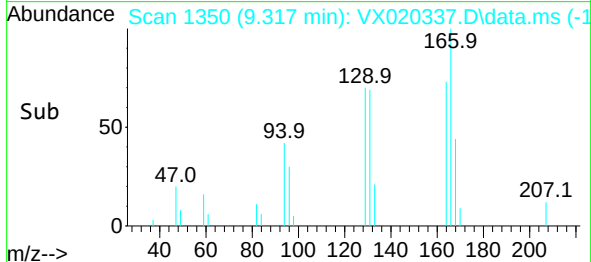
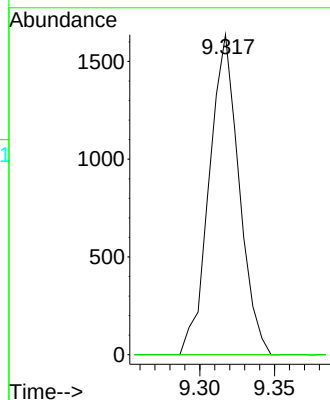
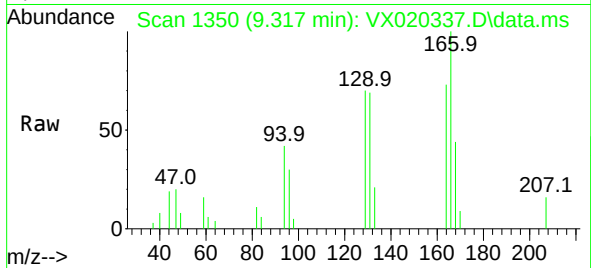




#60
Dibromochloromethane
Concen: 0.71 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

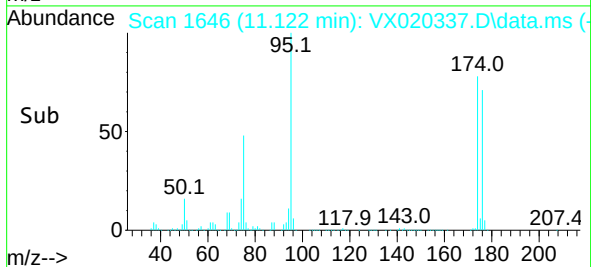
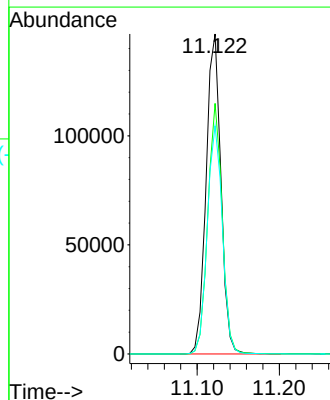
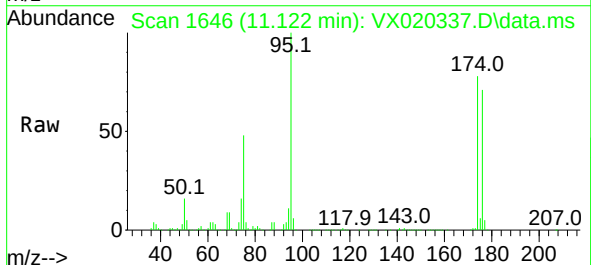
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

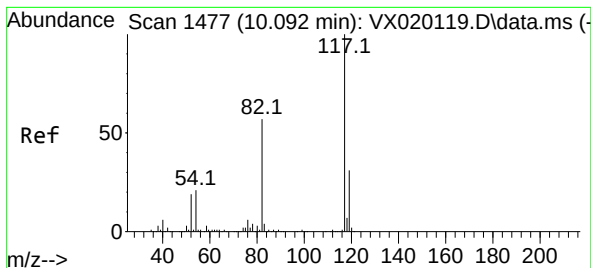
Tgt Ion:129 Resp: 2271
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

Tgt Ion: 95 Resp: 183071
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 72.6 0.0 155.8

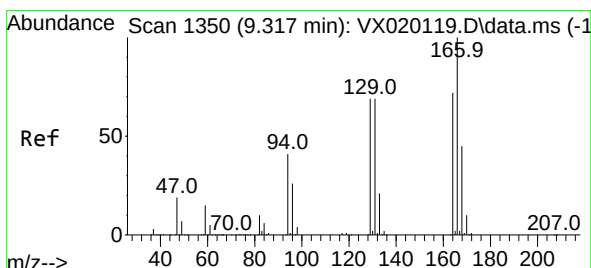
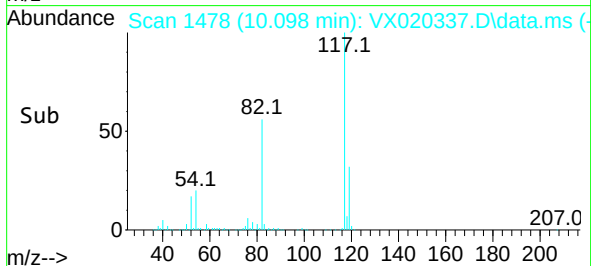
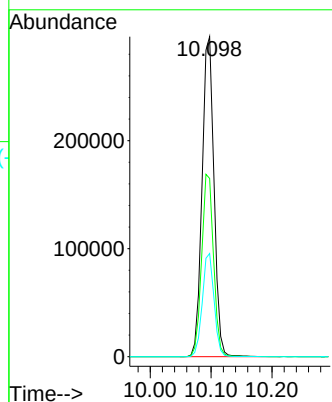
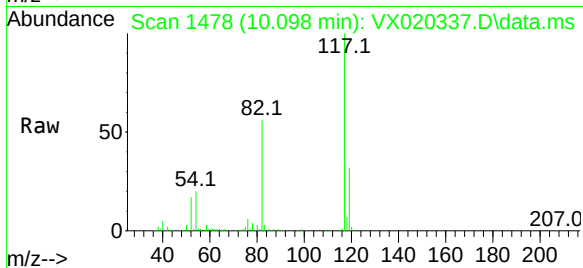




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

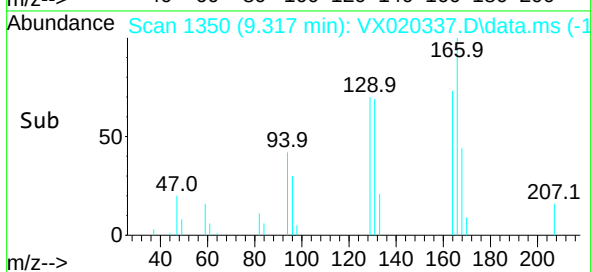
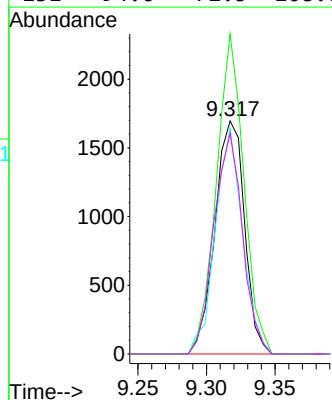
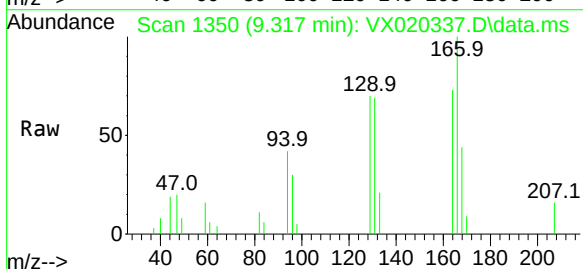
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

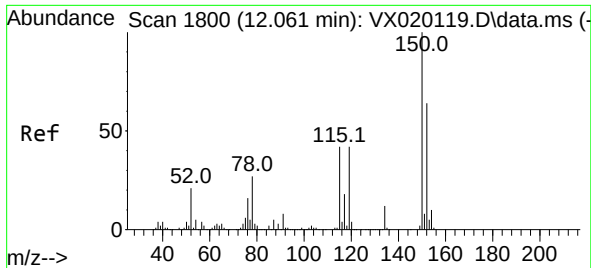
Tgt Ion:	117	Resp:	402247
Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.4	71.2
119	32.3	26.6	39.8



#64
Tetrachloroethene
Concen: 0.84 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

Tgt Ion:	164	Resp:	2543
Ion	Ratio	Lower	Upper
164	100		
166	137.3	103.4	155.2
129	96.5	70.8	106.2
131	94.6	72.5	108.7

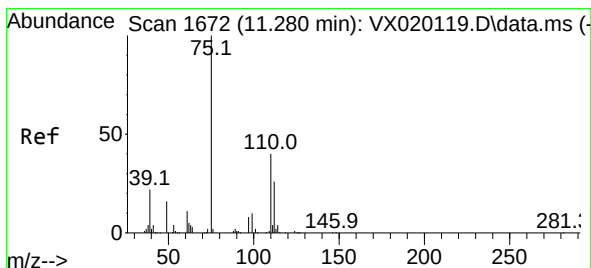
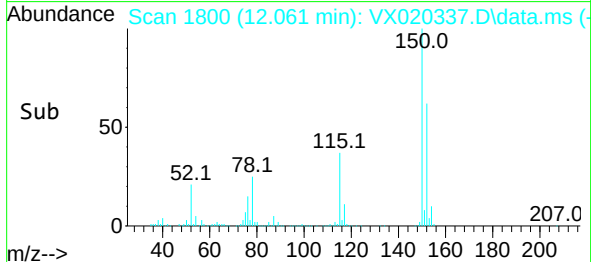
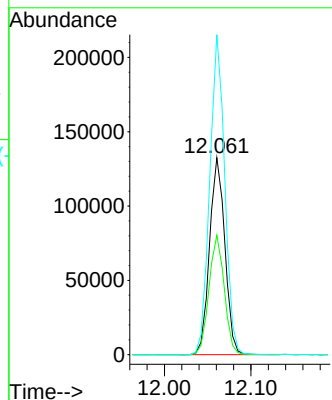
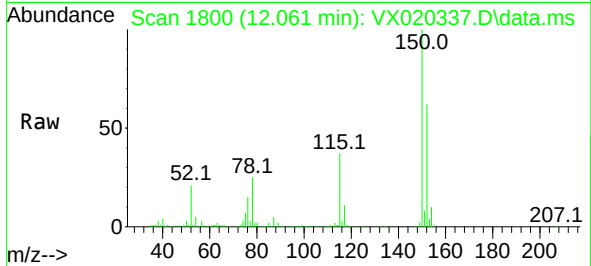




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

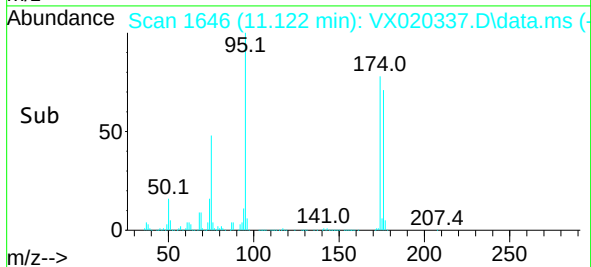
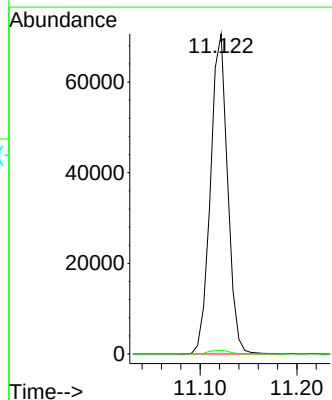
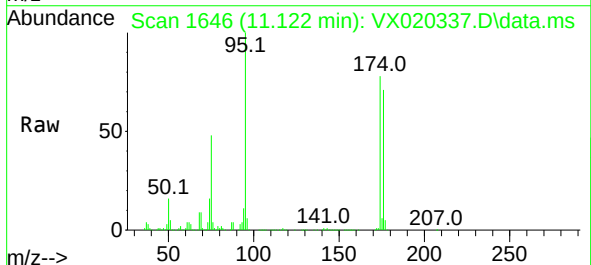
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20201211

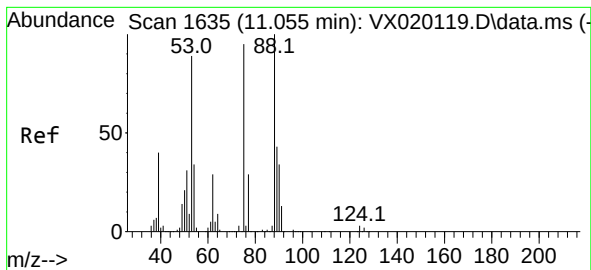
Tgt Ion:152 Resp: 162926
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 159.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.69 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020337.D
Acq: 23 Dec 2020 14:44

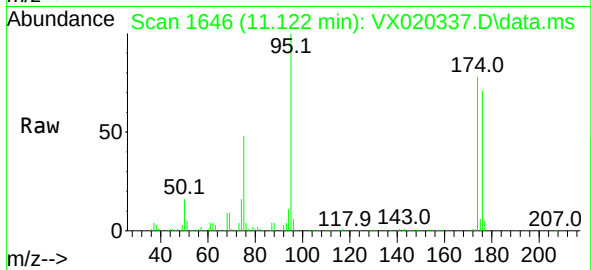
Tgt Ion: 75 Resp: 87058
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.36 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020337.D
 Acq: 23 Dec 2020 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-20201211



Tgt Ion: 75 Resp: 87058
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

