

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020335.D
 Acq On : 23 Dec 2020 04:20
 Operator : JC/MD
 Sample : L5095-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20201211

Quant Time: Dec 23 05:07:58 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)

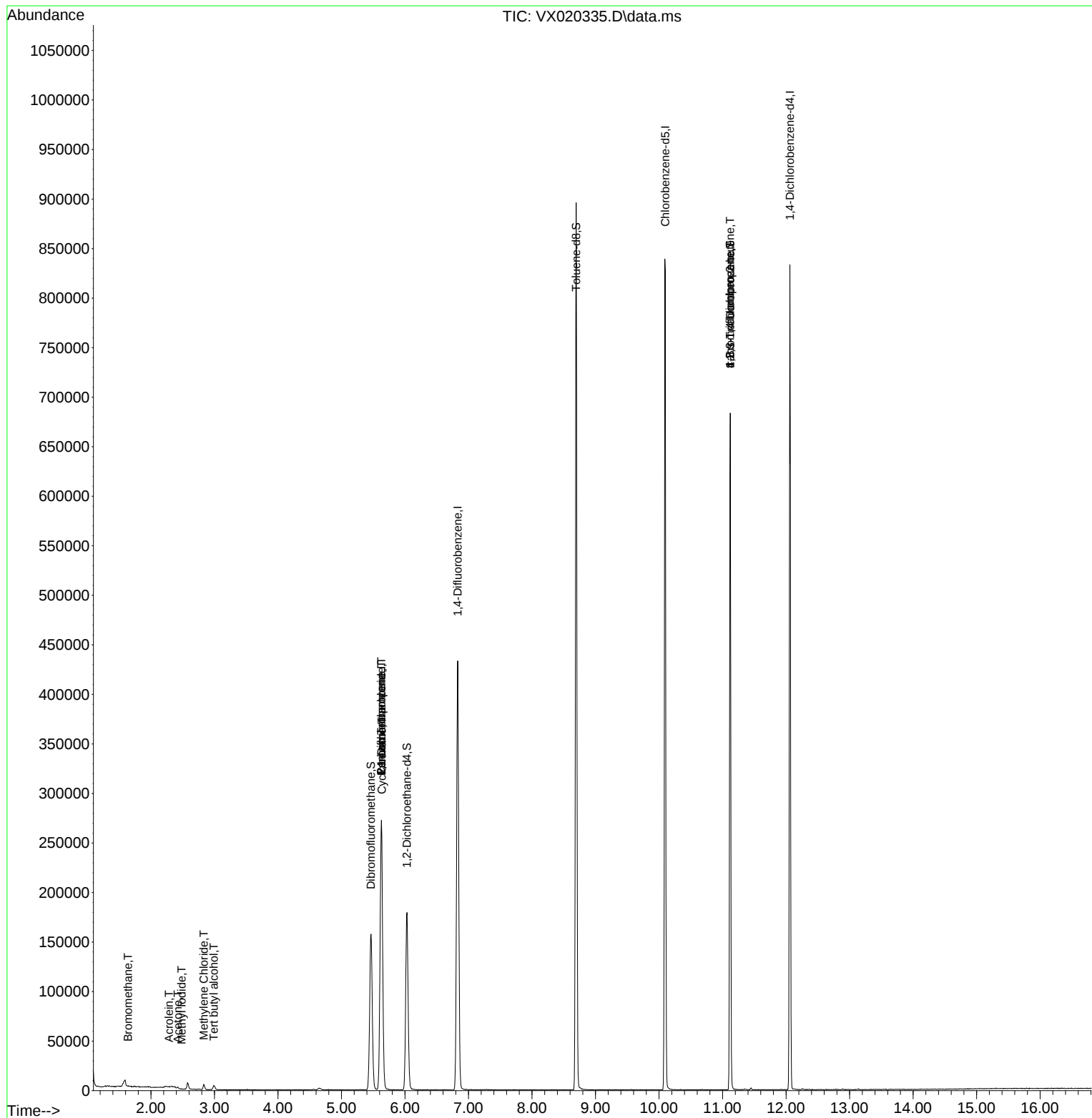
Internal Standards						
1) Pentafluorobenzene	5.629	168	256164	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	434247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	401235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	170852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	170895	49.77	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.54%
35) Dibromofluoromethane	5.464	113	137392	49.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.92%
50) Toluene-d8	8.695	98	528330	49.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.82%
62) 4-Bromofluorobenzene	11.122	95	186259	45.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.02%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	465	0.41	ug/l	88
10) Methyl Iodide	2.483	142	21	3.29	ug/l #	42
11) Tert butyl alcohol	2.989	59	2694	3.50	ug/l #	73
13) Acrolein	2.282	56	126	0.26	ug/l #	14
16) Acetone	2.422	43	1608	1.03	ug/l #	82
20) Methylene Chloride	2.831	84	2242	0.64	ug/l	89
31) Cyclohexane	5.635	56	5183	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19965	4.65	ug/l #	49
38) Carbon Tetrachloride	5.629	117	25695	6.29	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	90262	21.45	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90262	63.63	ug/l #	12

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

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Data File : VX020335.D
Acq On : 23 Dec 2020 04:20
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Sample : L5095-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211

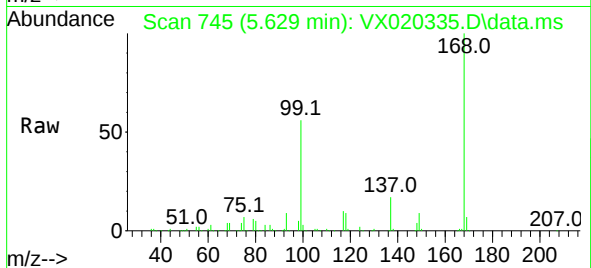
Quant Time: Dec 23 05:07:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



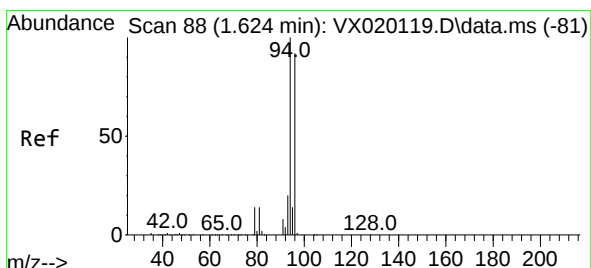
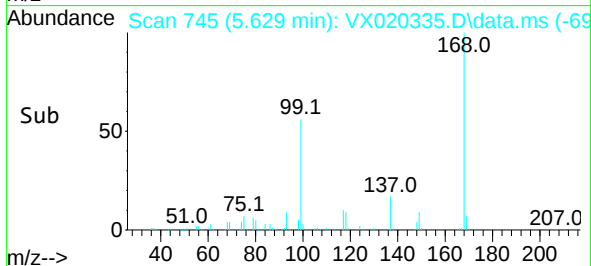
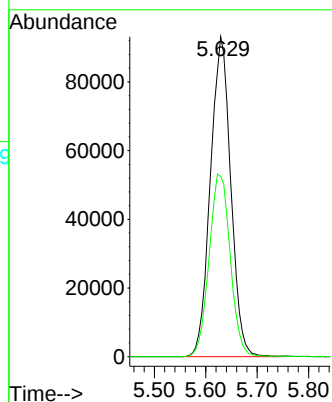


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211

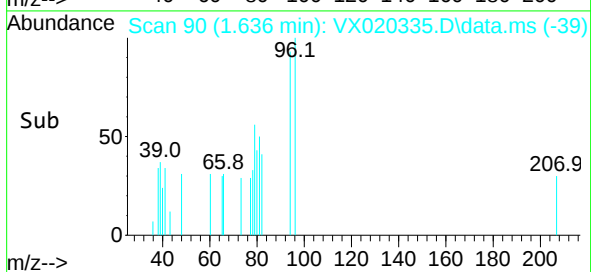
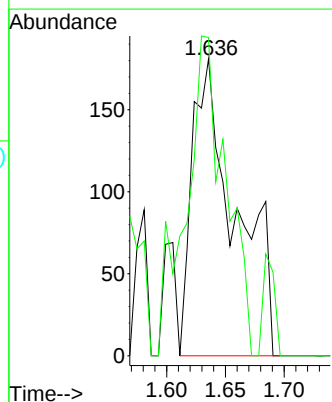
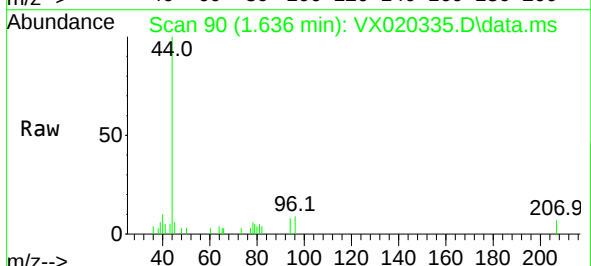


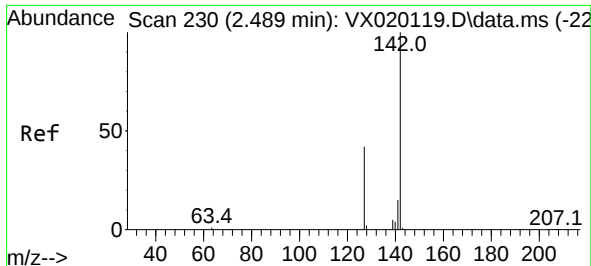
Tgt Ion:168 Resp: 256164
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: 0.41 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 107.2 76.4 114.6

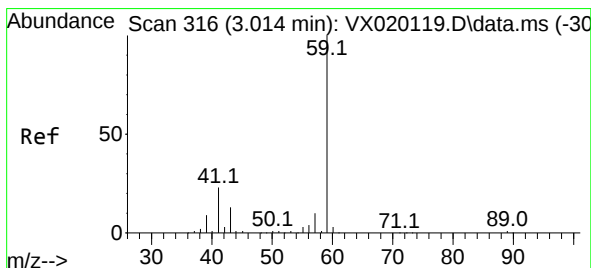
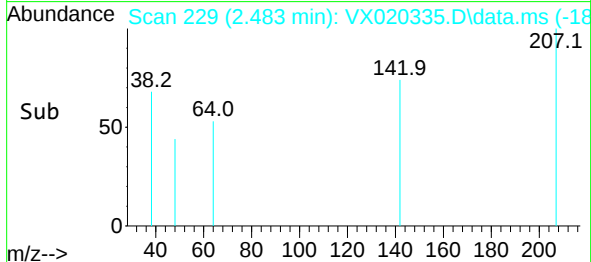
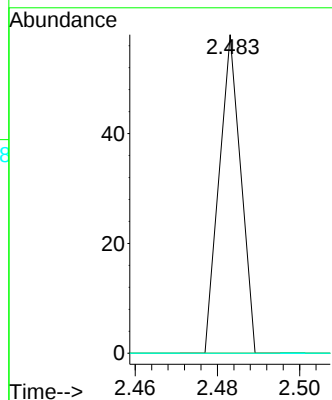
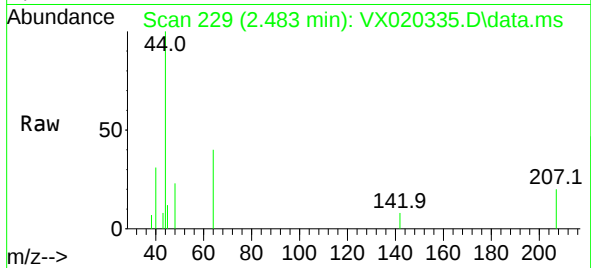




#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

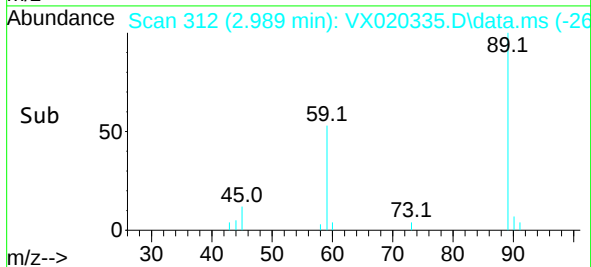
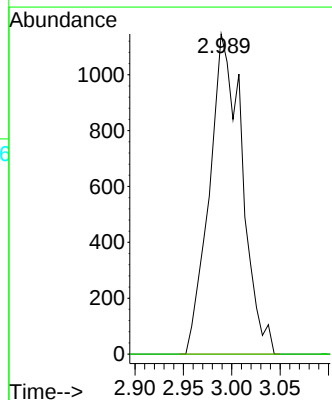
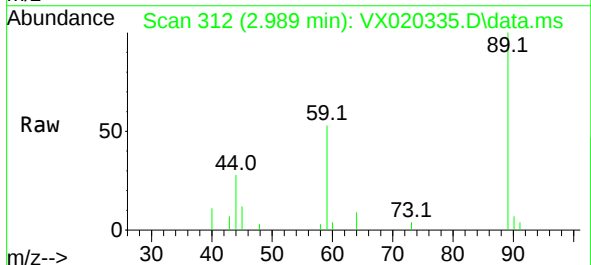
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211

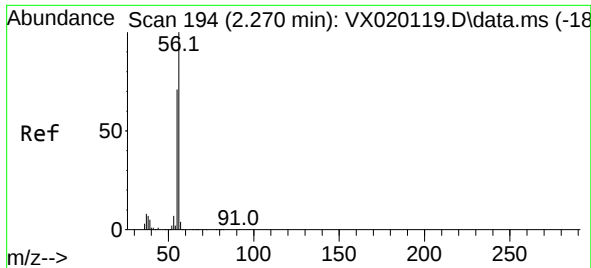
Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.50 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Tgt Ion: 59 Resp: 2694
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

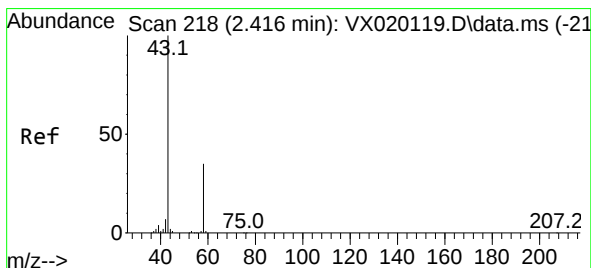
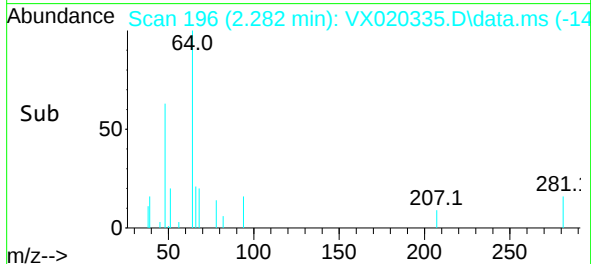
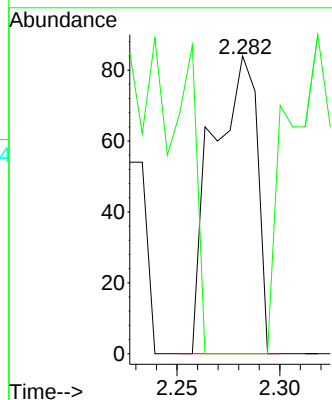
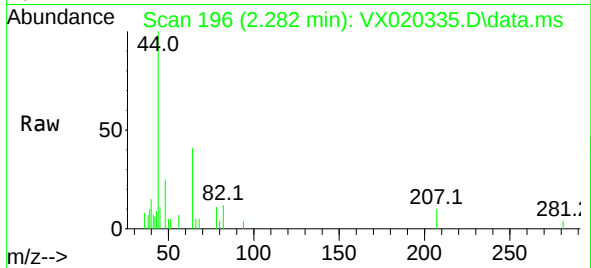




#13
Acrolein
Concen: 0.26 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

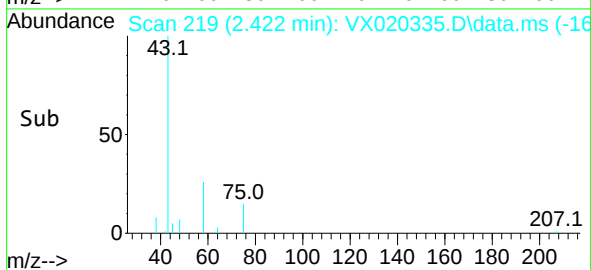
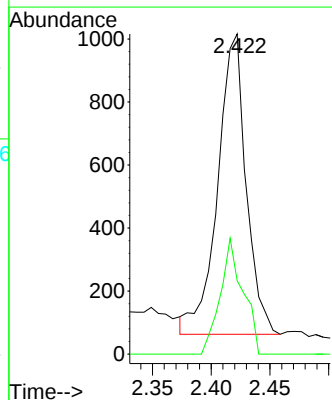
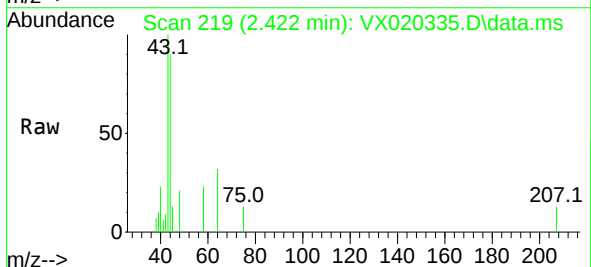
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211

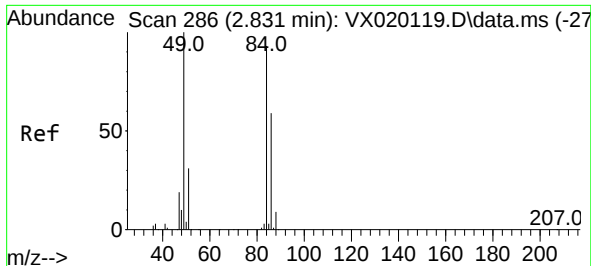
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.03 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
58 24.4 27.8 41.8#



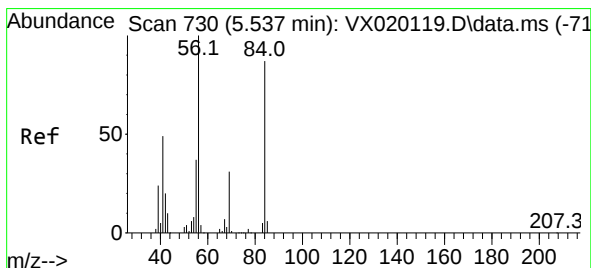
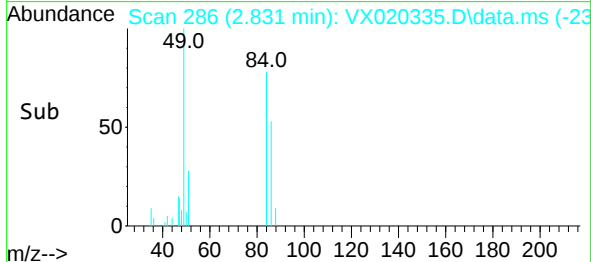
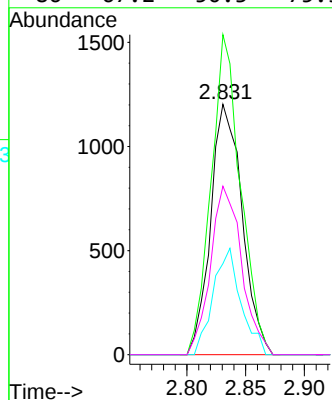
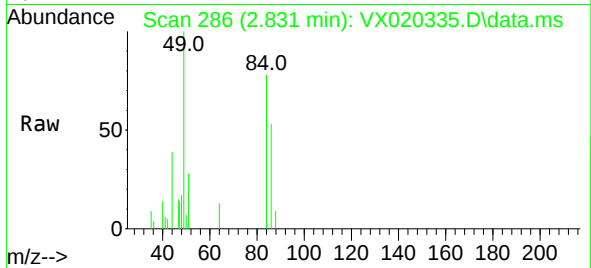


#20
Methylene Chloride
Concen: 0.64 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211

Tgt Ion: 84 Resp: 2242

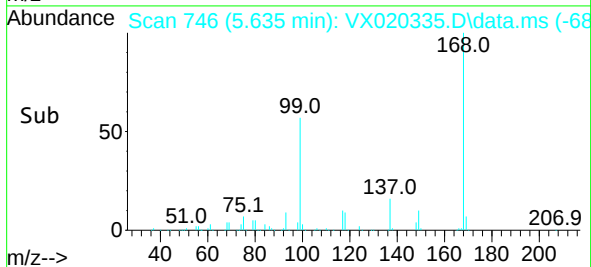
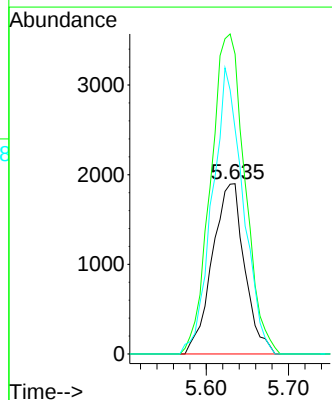
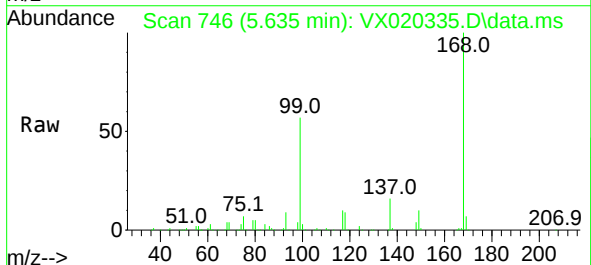
Ion	Ratio	Lower	Upper
84	100		
49	127.8	88.6	132.8
51	36.3	27.0	40.6
86	67.2	50.3	75.5

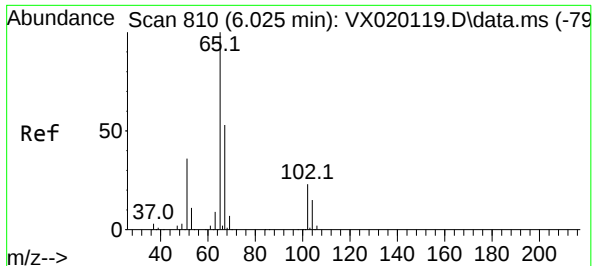


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.098 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Tgt Ion: 56 Resp: 5183

Ion	Ratio	Lower	Upper
56	100		
69	176.1	25.3	37.9#
84	132.2	71.4	107.0#

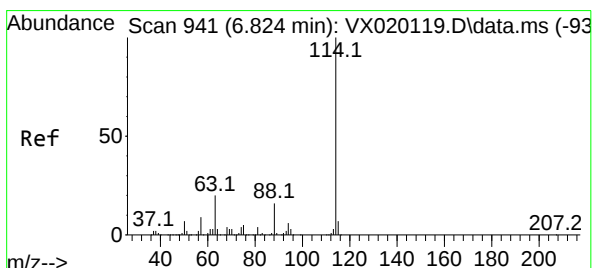
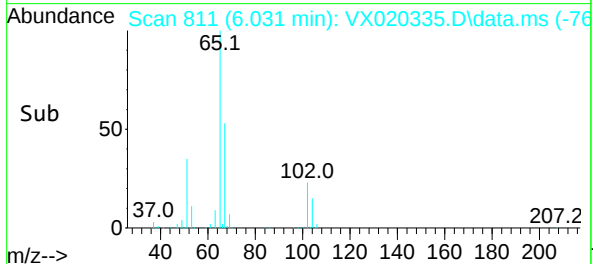
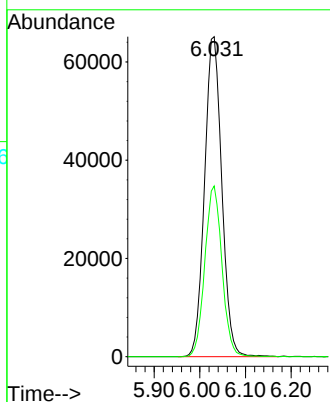
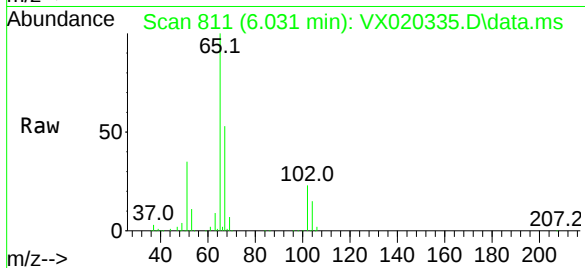




#33
1,2-Dichloroethane-d4
Concen: 49.77 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

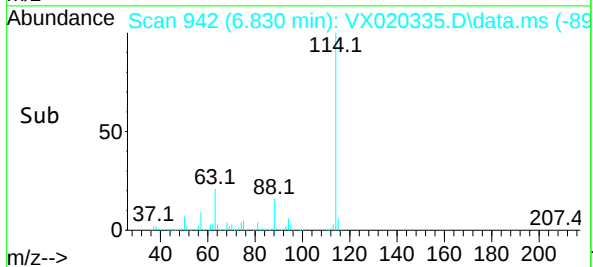
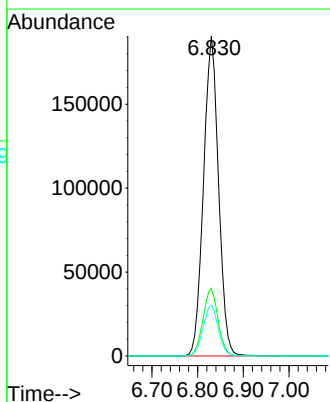
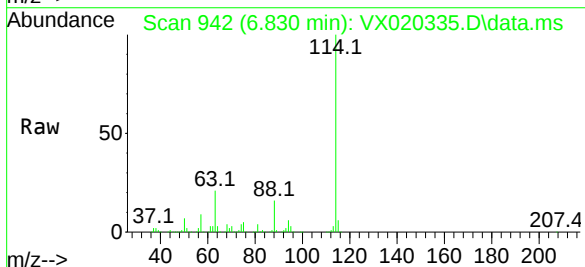
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MSVOA_X
ClientSampleId :
RE109D3-20201211

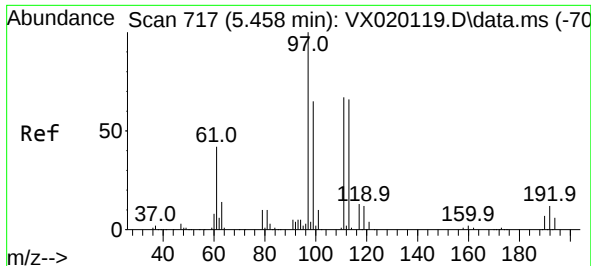
Tgt Ion: 65 Resp: 170895
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Tgt Ion: 114 Resp: 434247
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.46 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020335.D

Acq: 23 Dec 2020 04:20

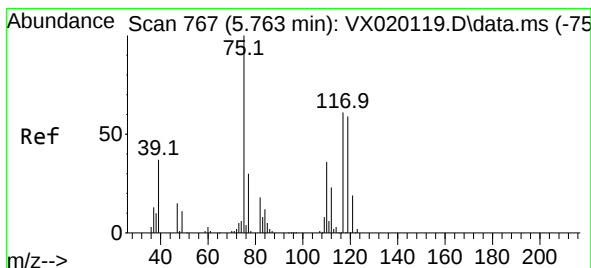
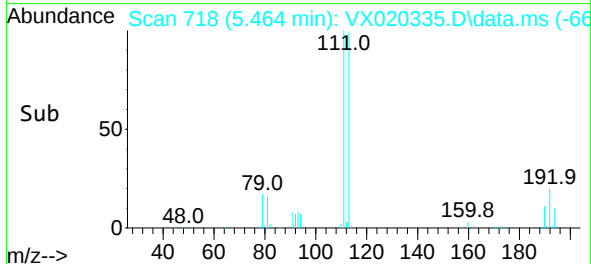
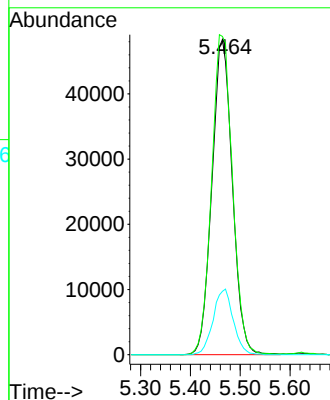
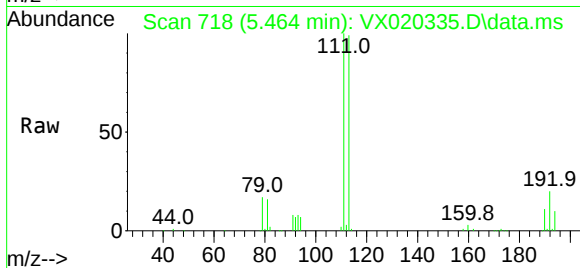
Tgt Ion:113 Resp: 137392

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 20.5 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: VX020335.D

Acq: 23 Dec 2020 04:20

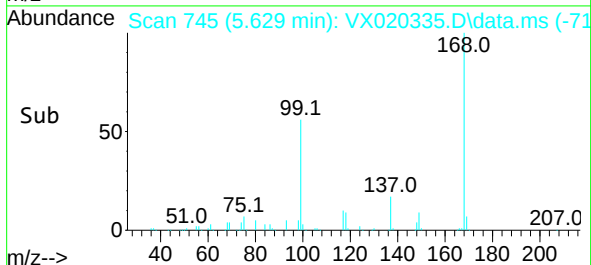
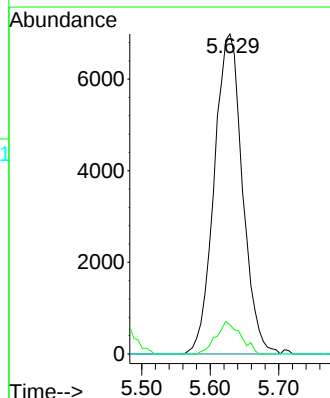
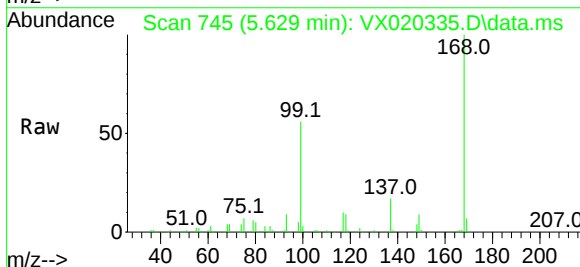
Tgt Ion: 75 Resp: 19965

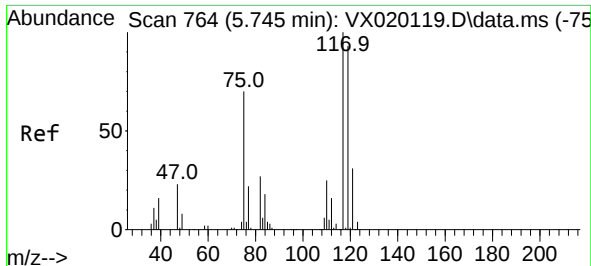
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

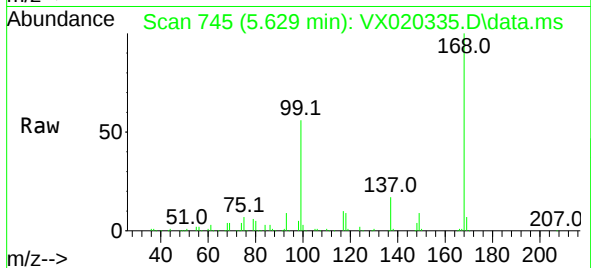
77 0.0 25.3 37.9#



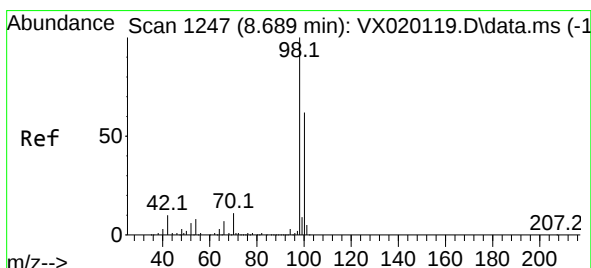
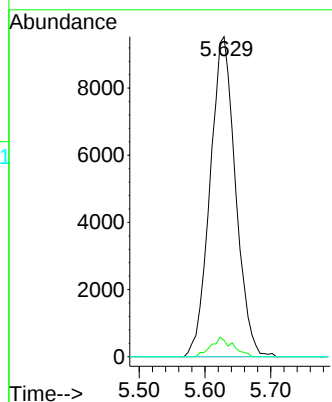
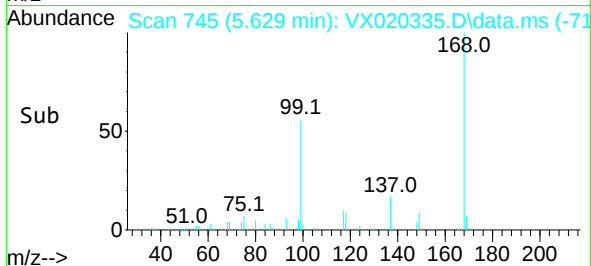


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

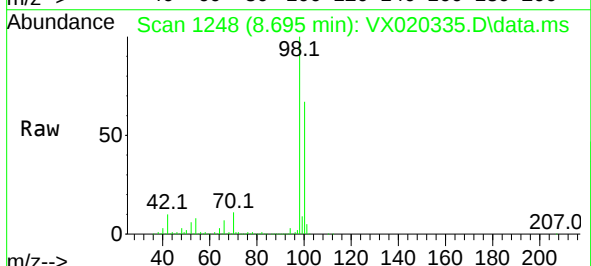
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211



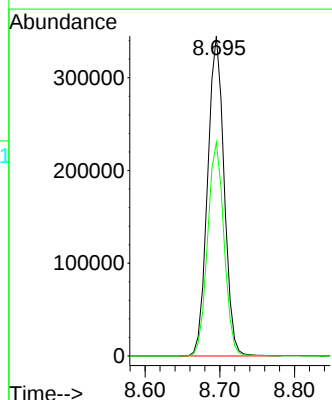
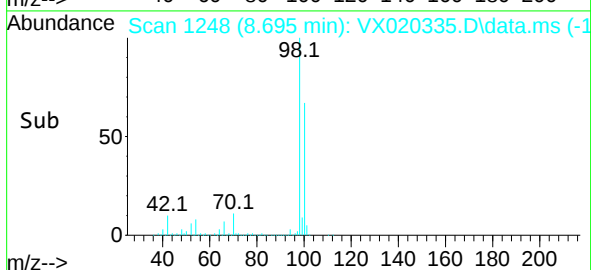
Tgt Ion:117 Resp: 25695
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

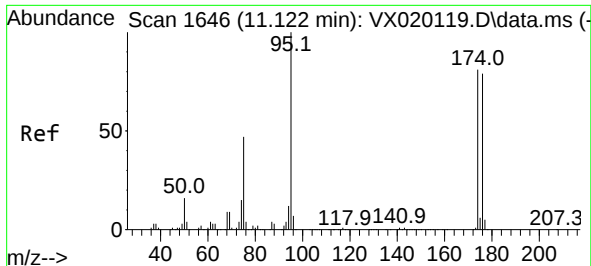


#50
Toluene-d8
Concen: 49.41 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20



Tgt Ion: 98 Resp: 528330
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

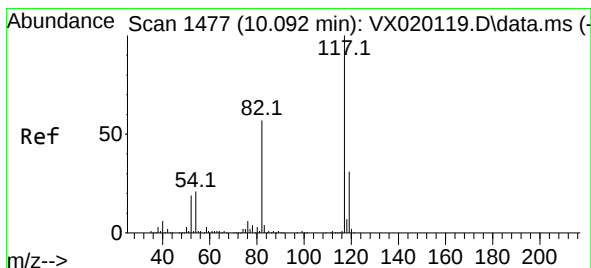
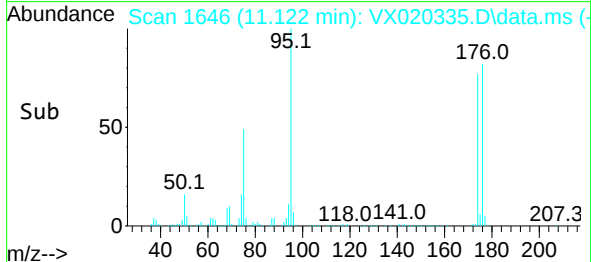
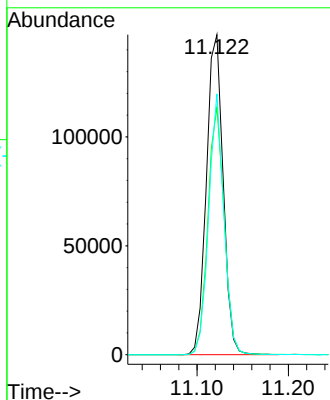
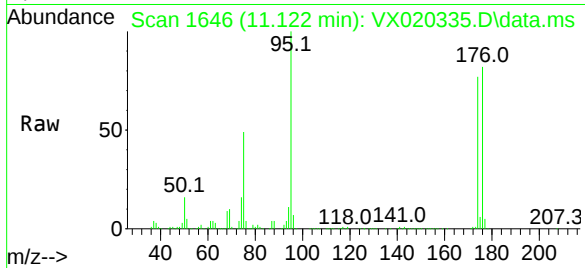




#62
4-Bromofluorobenzene
Concen: 45.51 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

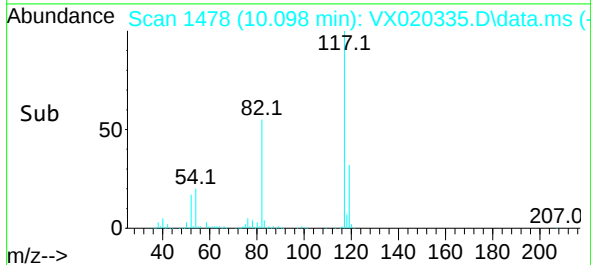
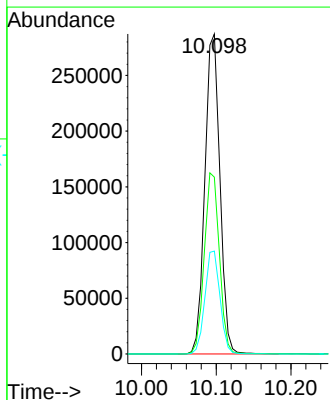
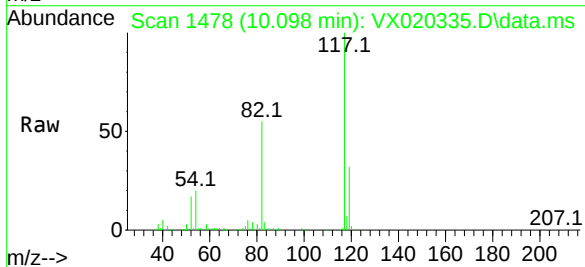
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211

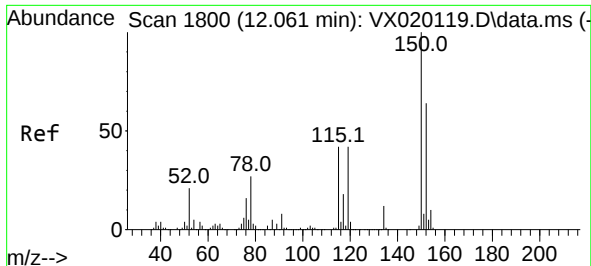
Tgt Ion: 95 Resp: 186259
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

Tgt Ion: 117 Resp: 401235
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.2 26.6 39.8

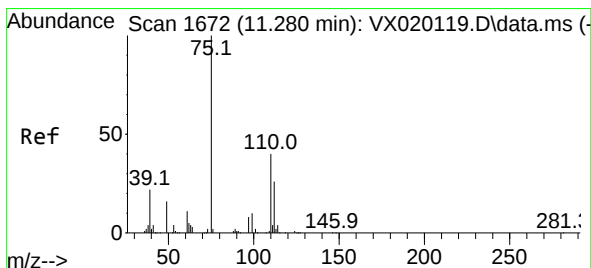
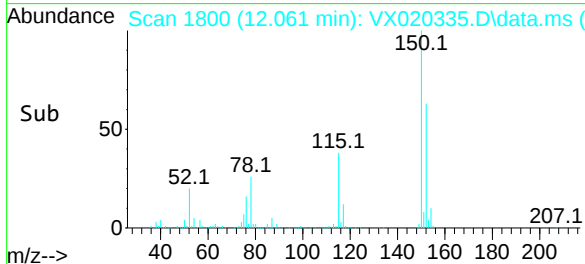
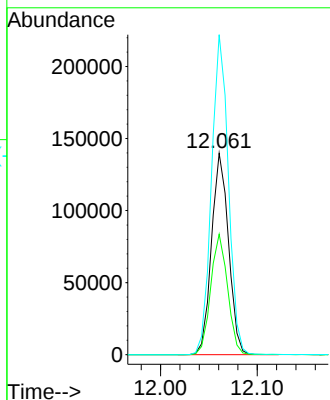
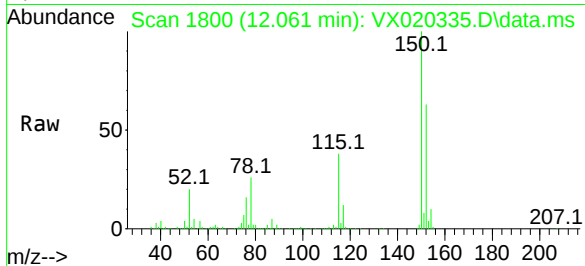




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

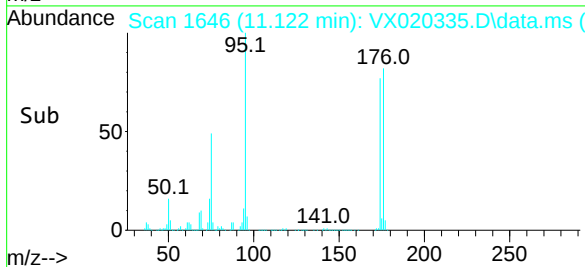
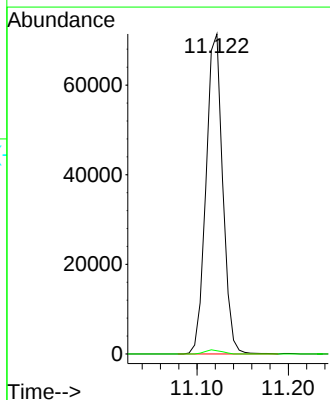
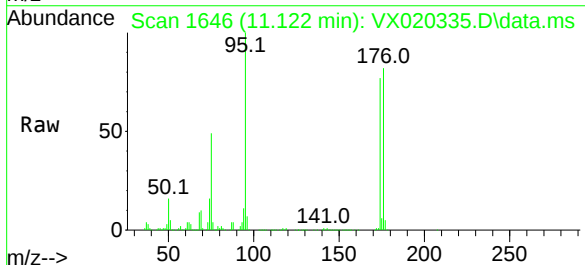
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20201211

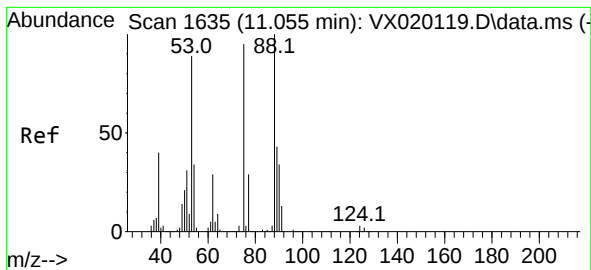
Tgt Ion:152 Resp: 170852
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.45 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020335.D
Acq: 23 Dec 2020 04:20

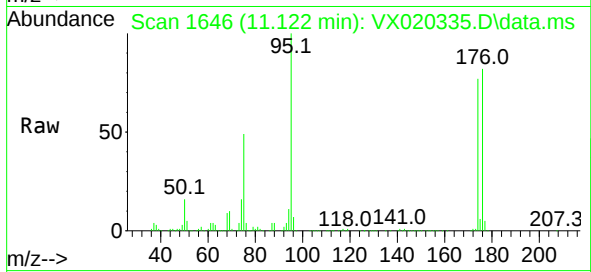
Tgt Ion: 75 Resp: 90262
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.63 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020335.D
 Acq: 23 Dec 2020 04:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20201211



Tgt Ion: 75 Resp: 90262
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

