

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020248.D
 Acq On : 21 Dec 2020 14:29
 Operator : JC/MD
 Sample : L5146-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:32:58 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)

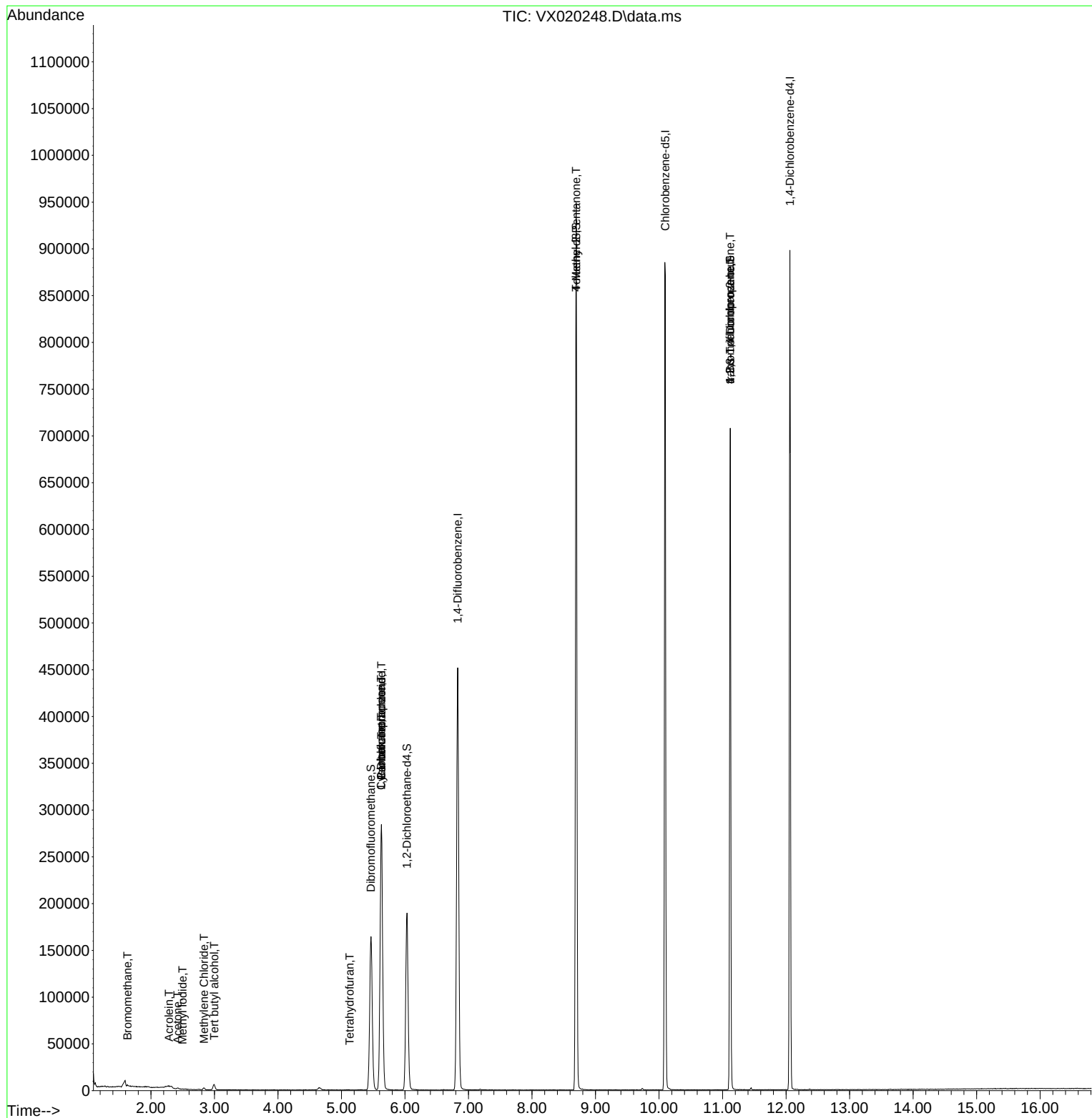
Internal Standards						
1) Pentafluorobenzene	5.629	168	267727	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	450827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	416094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	184023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	179625	50.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.10%
35) Dibromofluoromethane	5.464	113	143810	49.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.74%
50) Toluene-d8	8.696	98	549823	49.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.06%
62) 4-Bromofluorobenzene	11.122	95	190355	44.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.60%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	621	0.53	ug/l	99
10) Methyl Iodide	2.495	142	169	3.33	ug/l #	56
11) Tert butyl alcohol	2.995	59	3436	4.28	ug/l #	73
13) Acrolein	2.282	56	115	0.23	ug/l #	53
16) Acetone	2.416	43	1126	0.69	ug/l #	78
20) Methylene Chloride	2.837	84	998	0.27	ug/l	96
29) Tetrahydrofuran	5.129	42	369	0.25	ug/l #	36
31) Cyclohexane	5.623	56	5176	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20920	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	26681	6.30	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	2373	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	93212	20.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93212	61.01	ug/l #	12

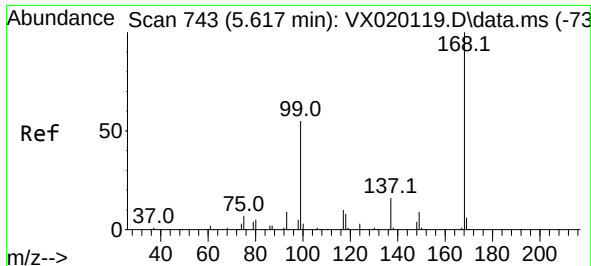
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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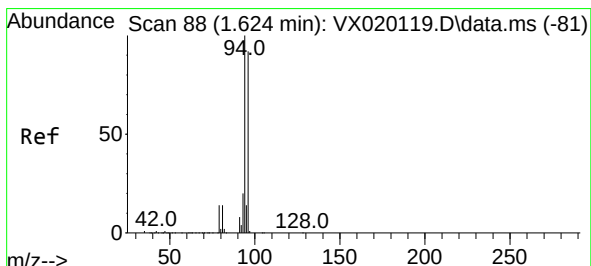
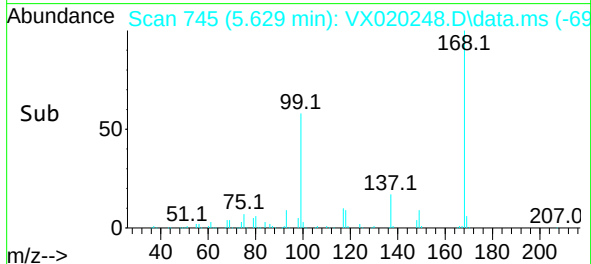
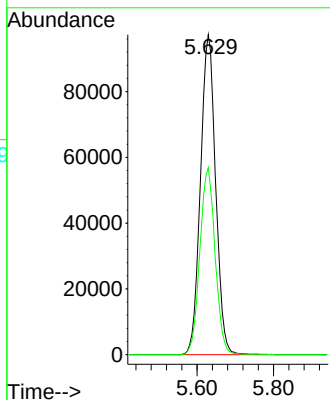
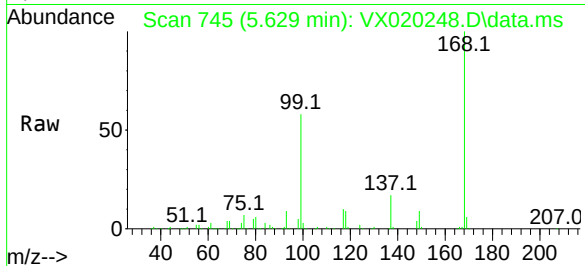




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

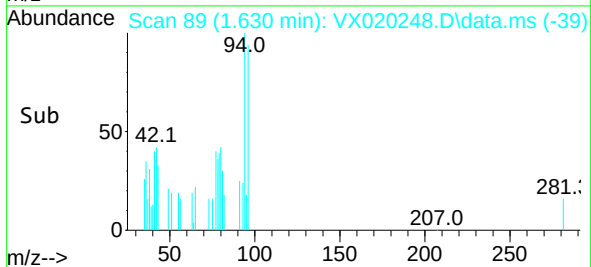
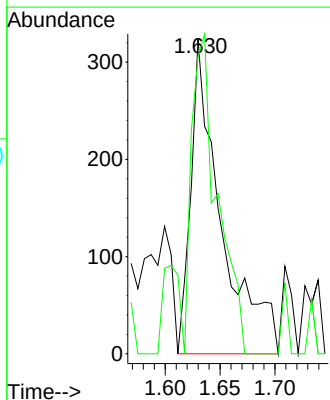
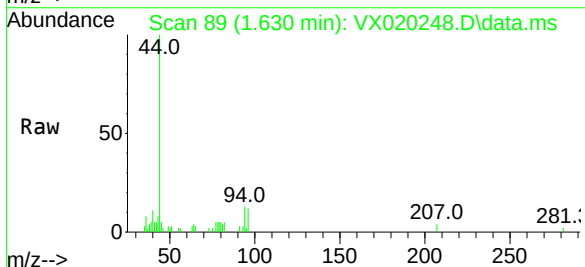
Instrument :
MSVOA_X
ClientSampled :

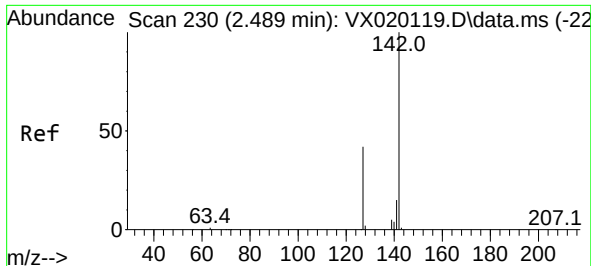
Tgt Ion:168 Resp: 267727
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

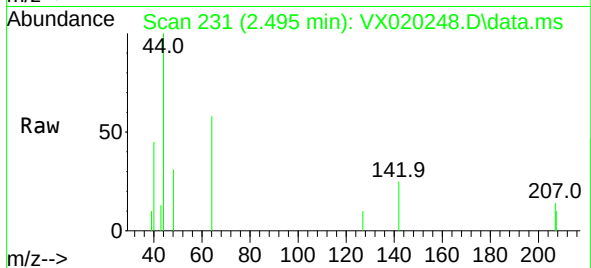
Tgt Ion: 94 Resp: 621
Ion Ratio Lower Upper
94 100
96 94.1 76.4 114.6



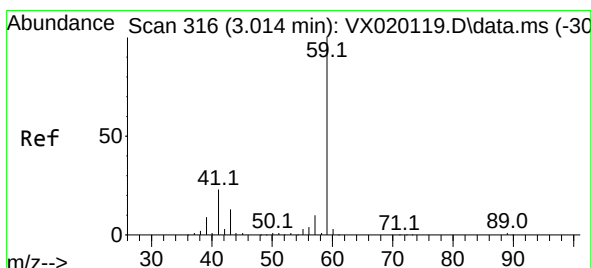
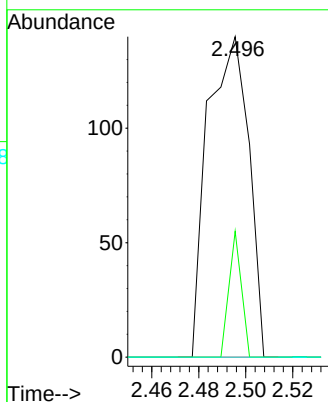
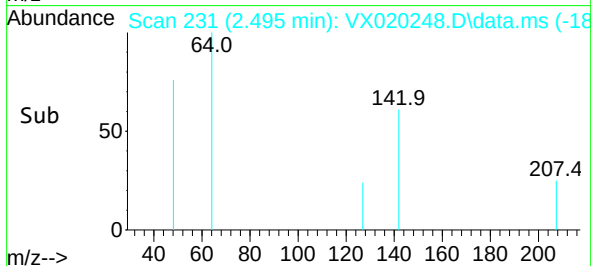


#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

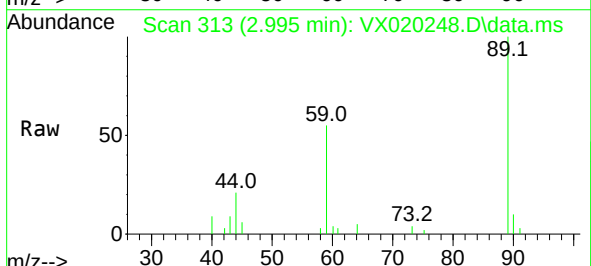
Instrument :
MSVOA_X
ClientSampled :



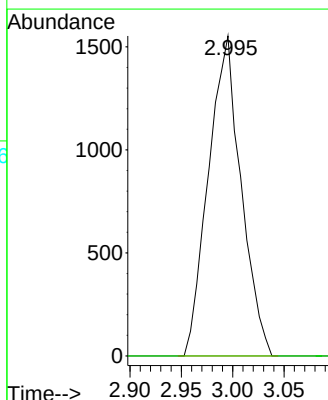
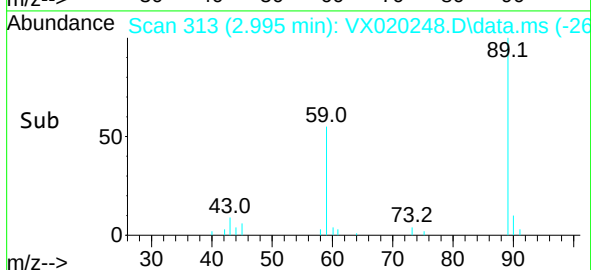
Tgt Ion:142 Resp: 169
Ion Ratio Lower Upper
142 100
127 11.8 33.3 49.9#
141 0.0 11.4 17.0#

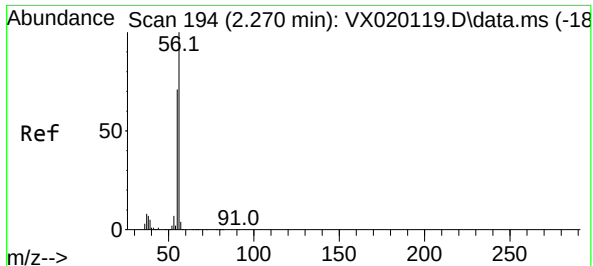


#11
Tert butyl alcohol
Concen: 4.28 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29



Tgt Ion: 59 Resp: 3436
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

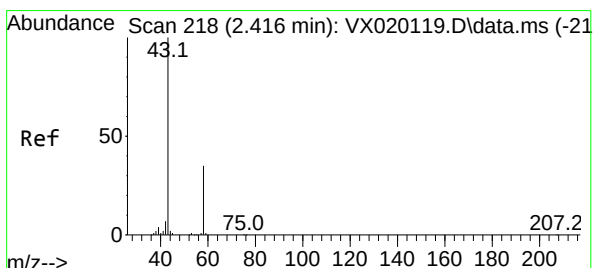
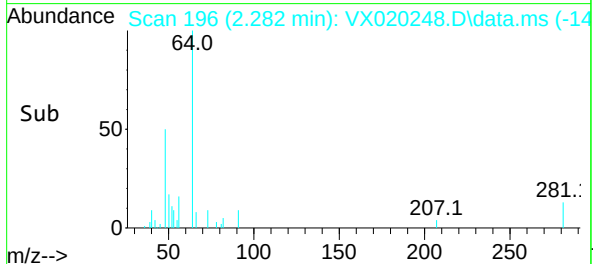
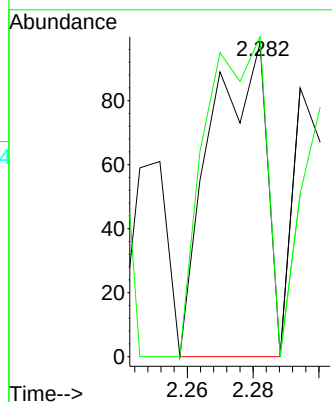
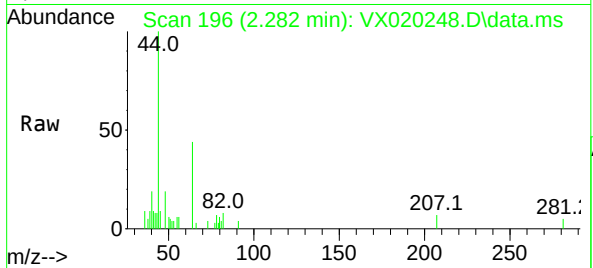




#13
Acrolein
Concen: 0.23 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

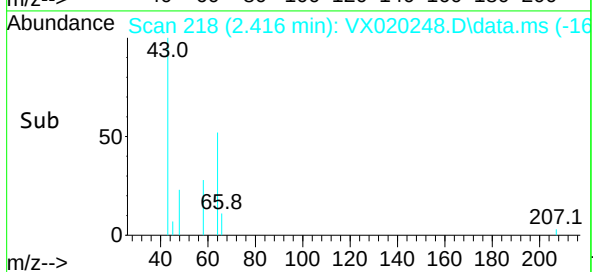
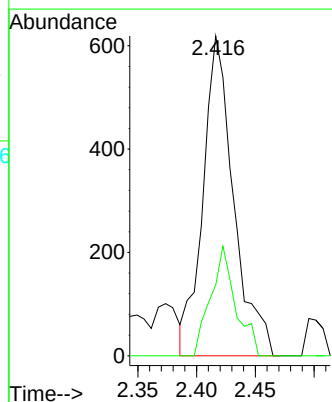
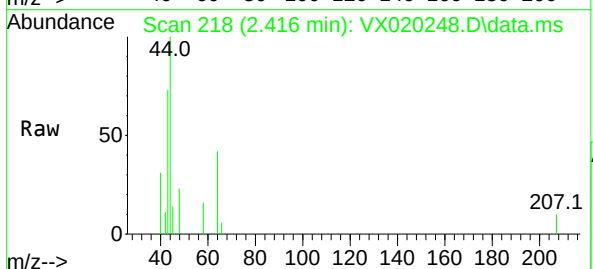
Instrument :
MSVOA_X
ClientSampled :

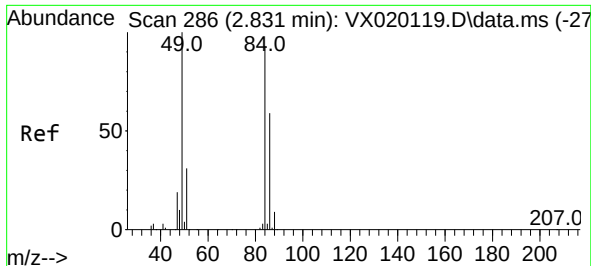
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 109.6 56.4 84.6#



#16
Acetone
Concen: 0.69 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 22.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.27 ug/l

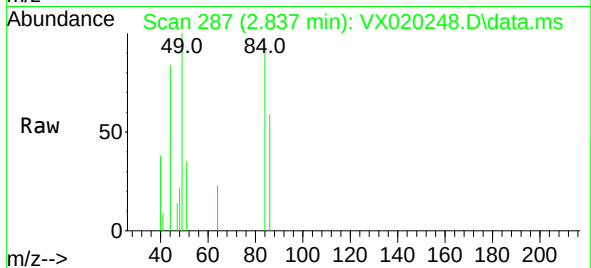
RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020248.D

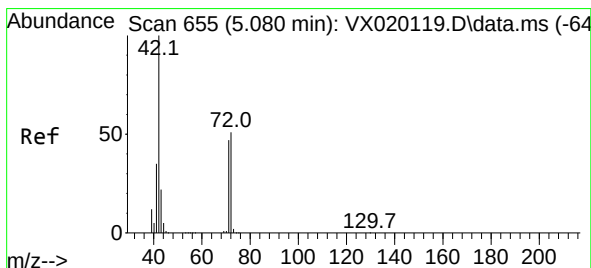
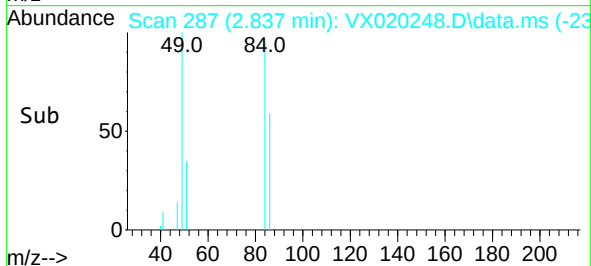
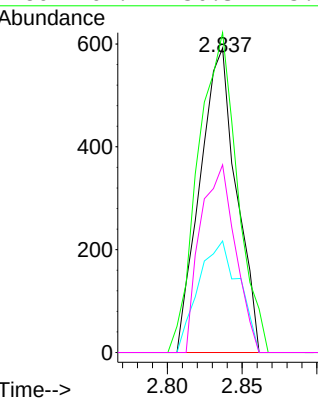
Acq: 21 Dec 2020 14:29

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 998

Ion	Ratio	Lower	Upper
84	100		
49	105.1	88.6	132.8
51	36.7	27.0	40.6
86	61.7	50.3	75.5



#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.129 min Scan# 663

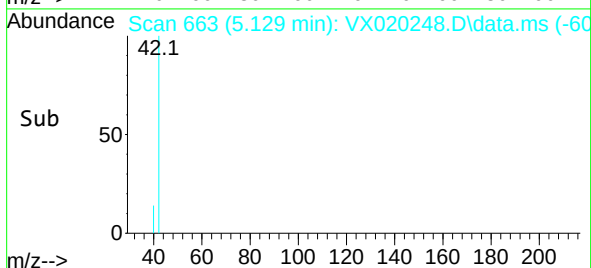
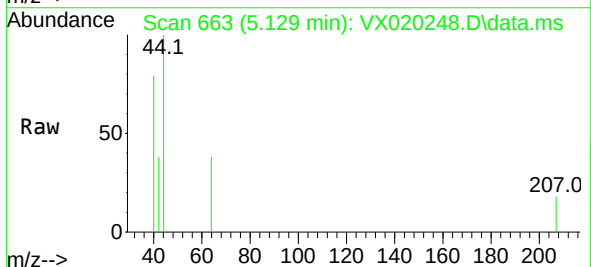
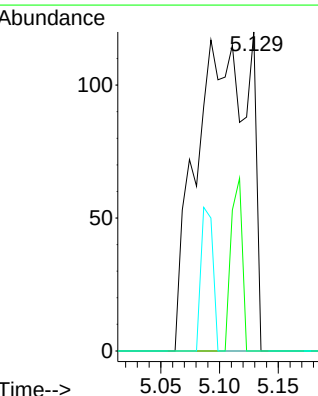
Delta R.T. 0.049 min

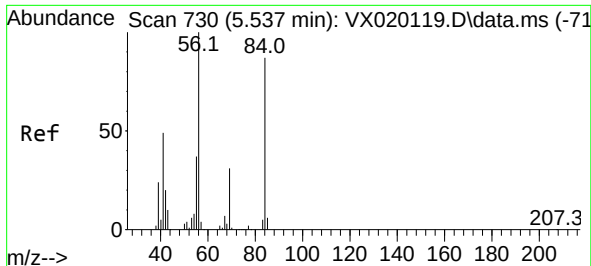
Lab File: VX020248.D

Acq: 21 Dec 2020 14:29

Tgt Ion: 42 Resp: 369

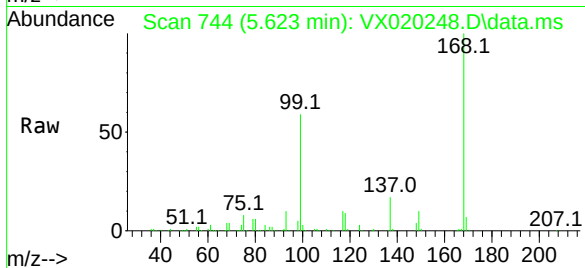
Ion	Ratio	Lower	Upper
42	100		
72	11.7	41.7	62.5#
71	0.0	38.4	57.6#



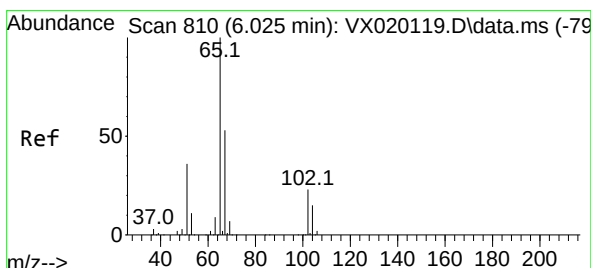
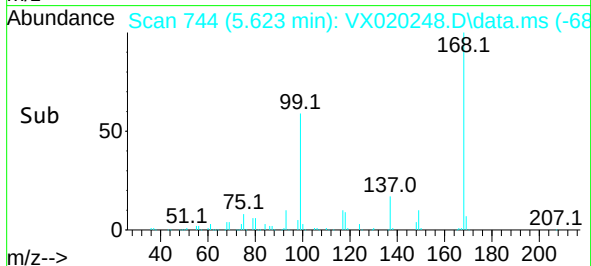
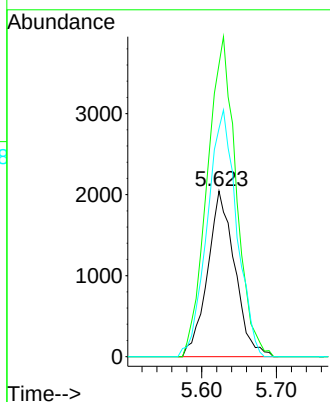


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :

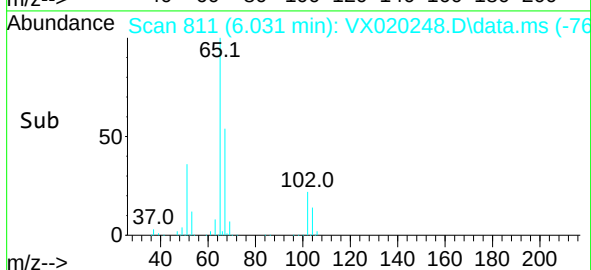
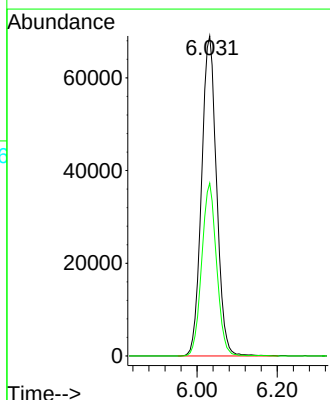
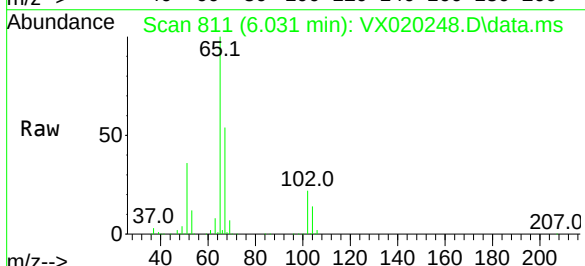


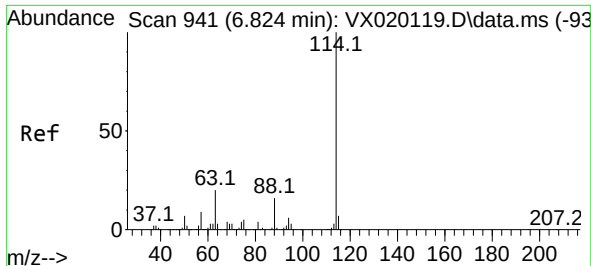
Tgt Ion: 56 Resp: 5176
Ion Ratio Lower Upper
56 100
69 176.6 25.3 37.9#
84 137.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.05 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

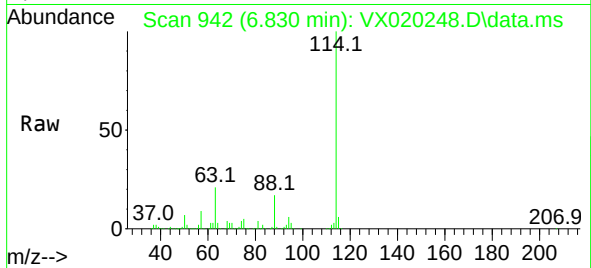
Tgt Ion: 65 Resp: 179625
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



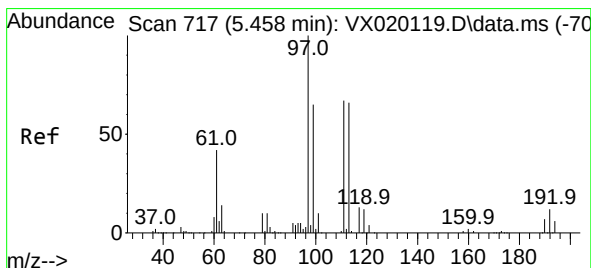
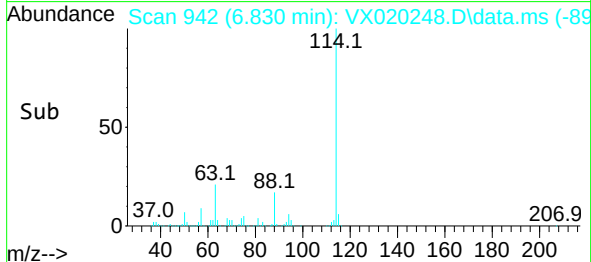
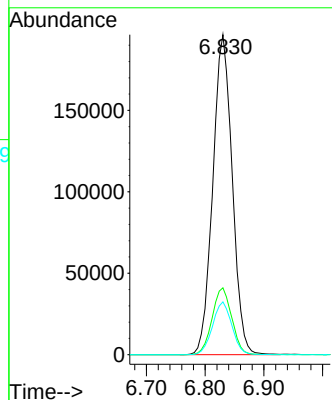


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

Instrument :
MSVOA_X
ClientSampled :

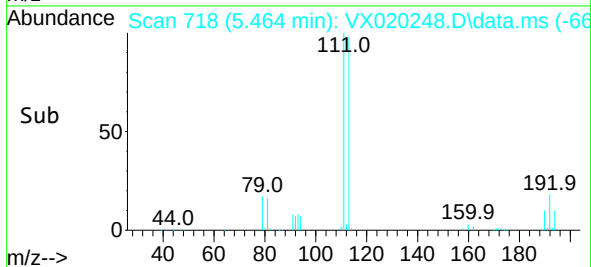
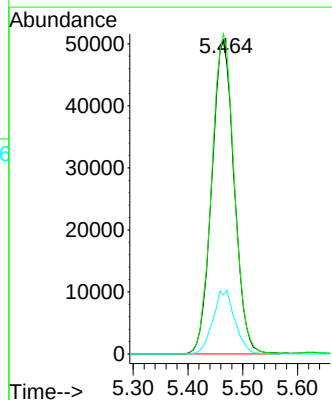
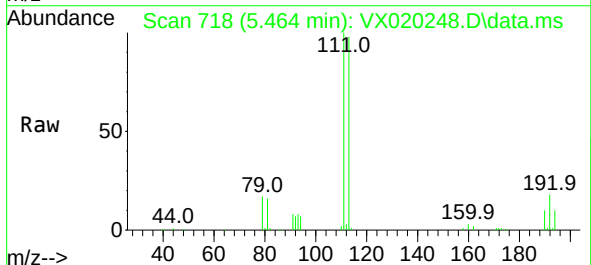


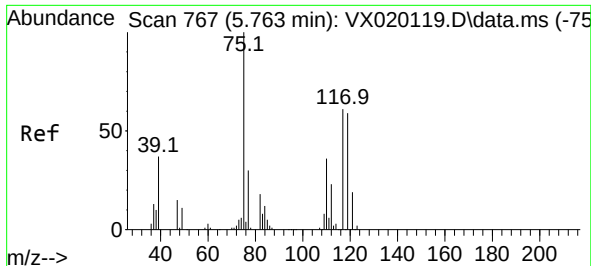
Tgt Ion:114 Resp: 450827
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

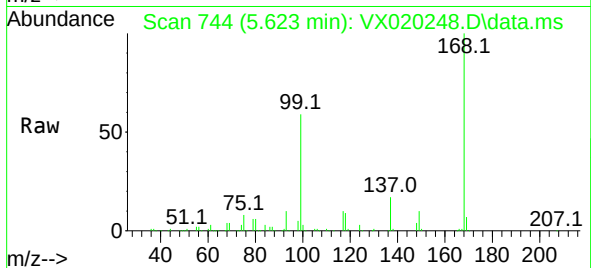
Tgt Ion:113 Resp: 143810
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.9 16.7 25.1



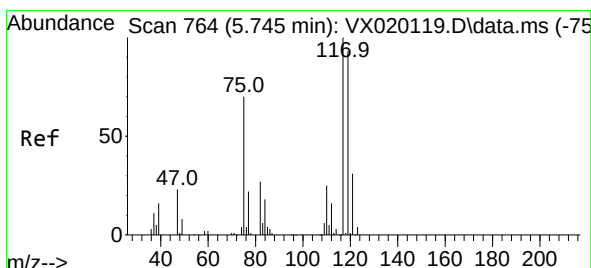
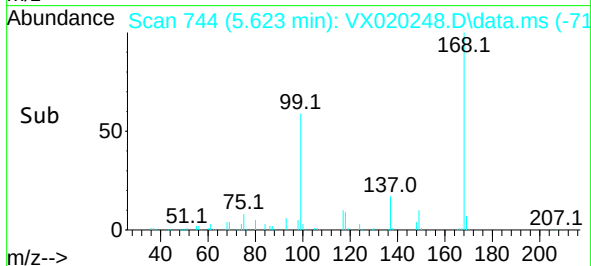
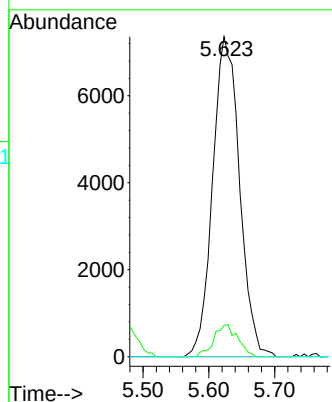


#36
 1,1-Dichloropropene
 Concen: 4.70 ug/l
 RT: 5.623 min Scan# 744
 Delta R.T. -0.140 min
 Lab File: VX020248.D
 Acq: 21 Dec 2020 14:29

Instrument :
 MSVOA_X
 ClientSampled :

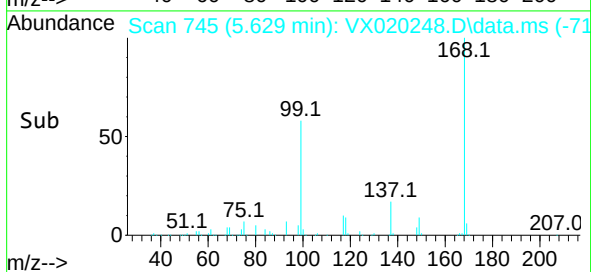
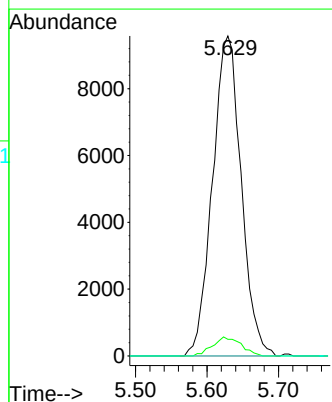
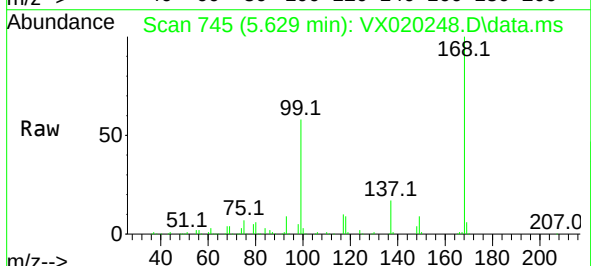


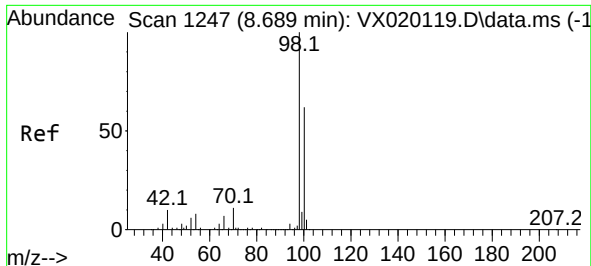
Tgt Ion: 75 Resp: 20920
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.4#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.30 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. -0.116 min
 Lab File: VX020248.D
 Acq: 21 Dec 2020 14:29

Tgt Ion: 117 Resp: 26681
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.2 114.2#
 121 0.0 24.8 37.2#

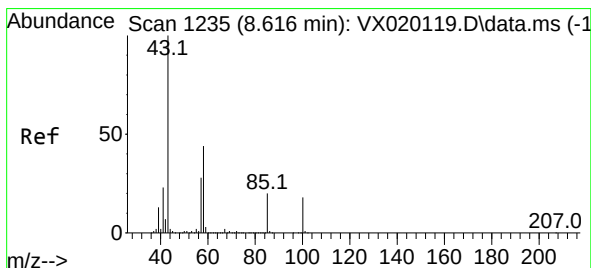
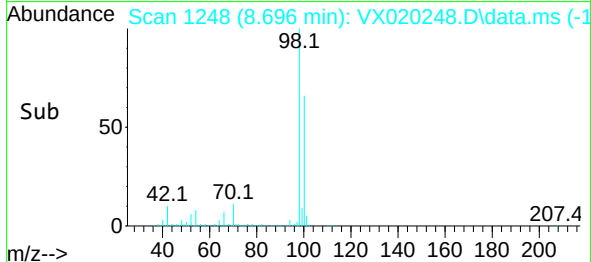
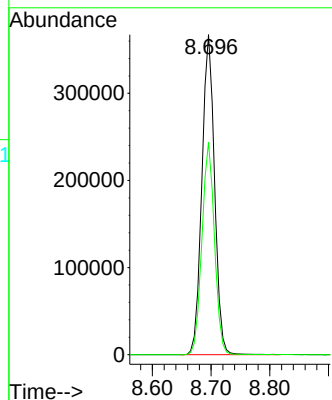
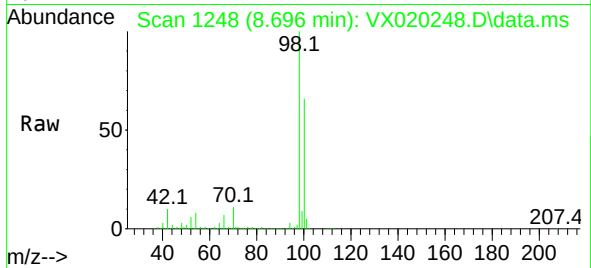




#50
Toluene-d8
Concen: 49.53 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

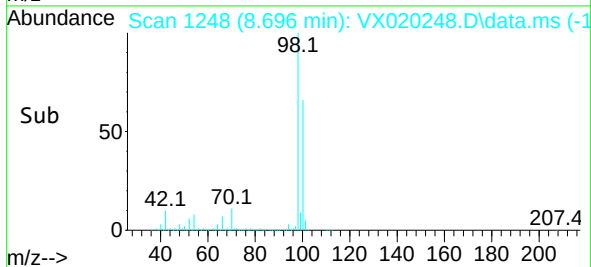
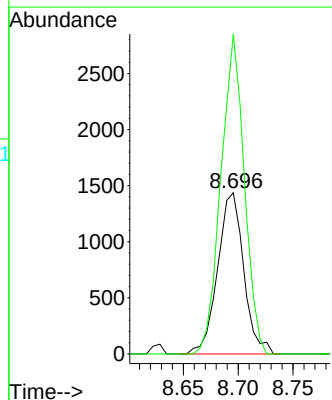
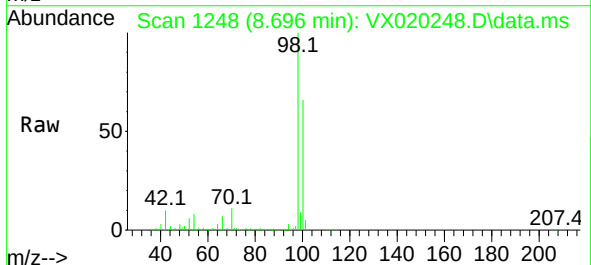
Instrument :
MSVOA_X
ClientSampled :

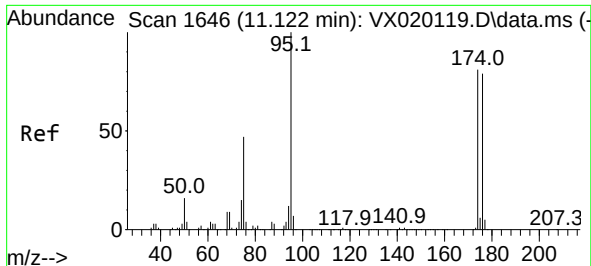
Tgt Ion: 98 Resp: 549823
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 178.4 35.4 53.0#

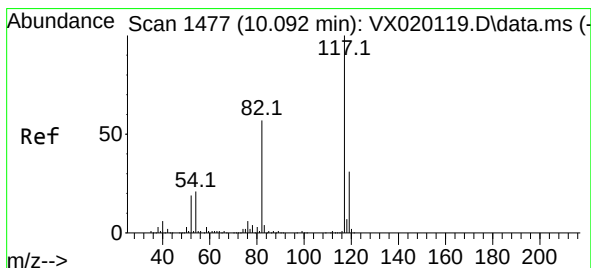
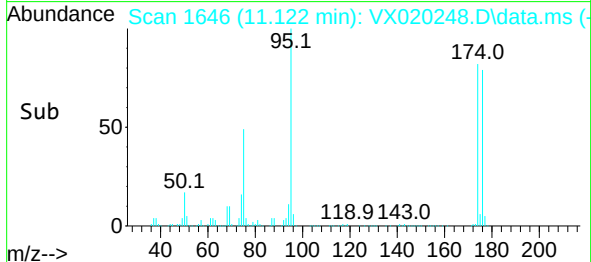
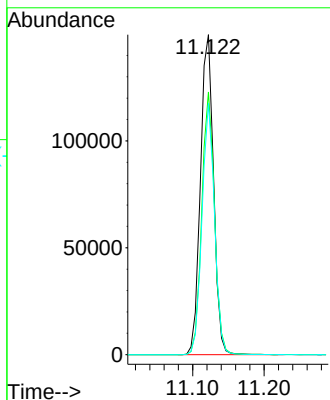
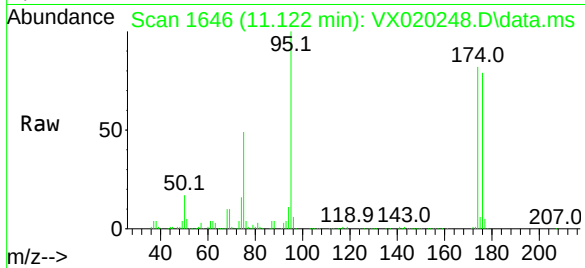




#62
4-Bromofluorobenzene
Concen: 44.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

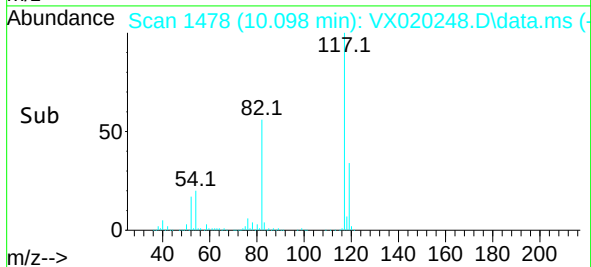
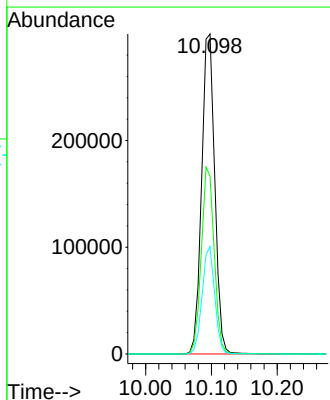
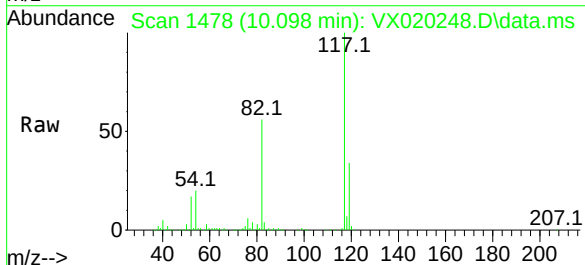
Instrument :
MSVOA_X
ClientSampled :

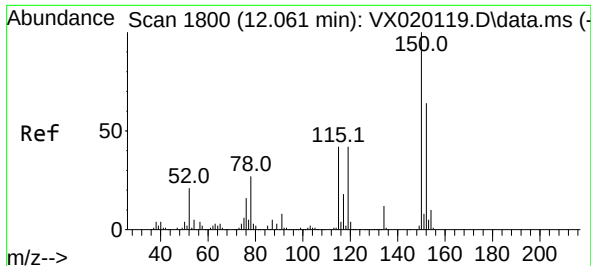
Tgt Ion: 95 Resp: 190355
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 75.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

Tgt Ion: 117 Resp: 416094
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 33.5 26.6 39.8

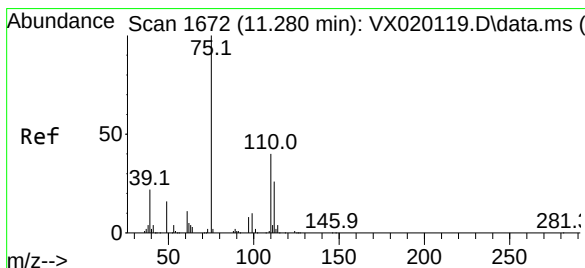
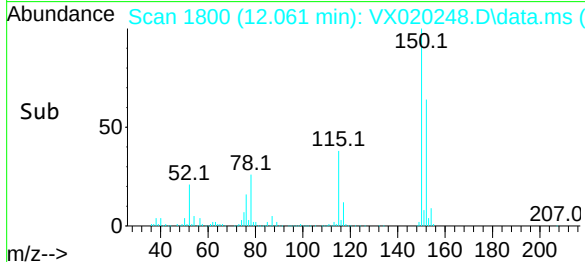
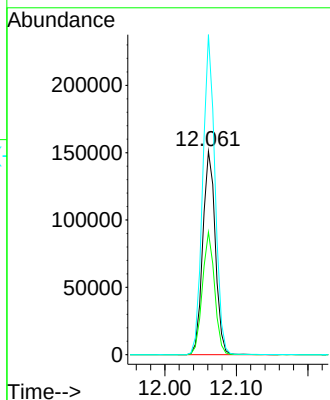
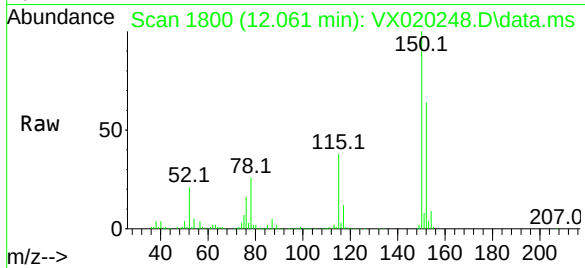




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

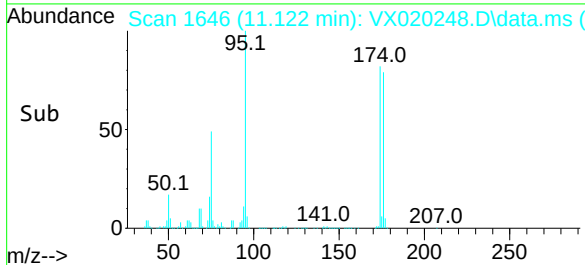
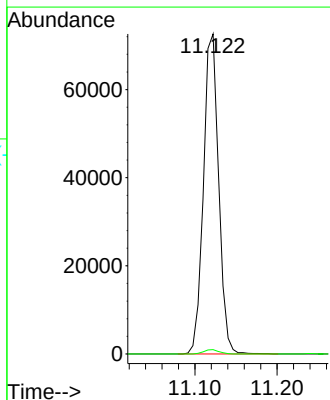
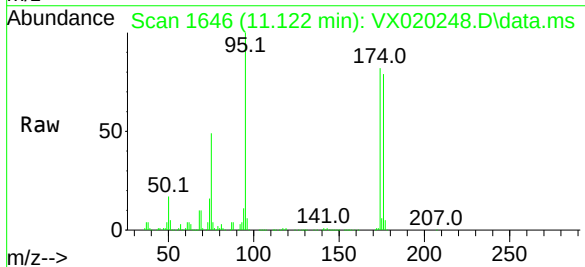
Instrument :
MSVOA_X
ClientSampleId :

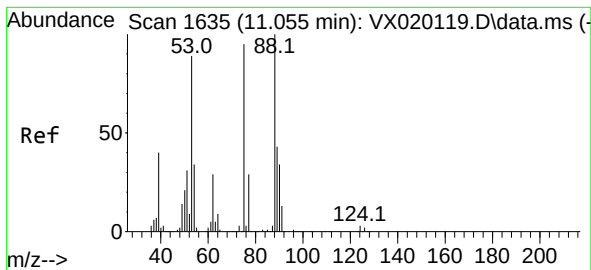
Tgt Ion:152 Resp: 184023
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 153.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.56 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020248.D
Acq: 21 Dec 2020 14:29

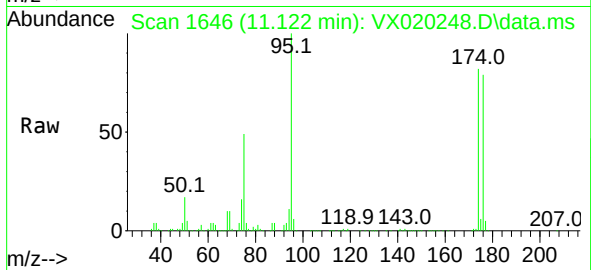
Tgt Ion: 75 Resp: 93212
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.01 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020248.D
 Acq: 21 Dec 2020 14:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 93212
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

