

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020389.D
 Acq On : 24 Dec 2020 15:46
 Operator : JC/MD
 Sample : L5124-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 25 01:13:58 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)

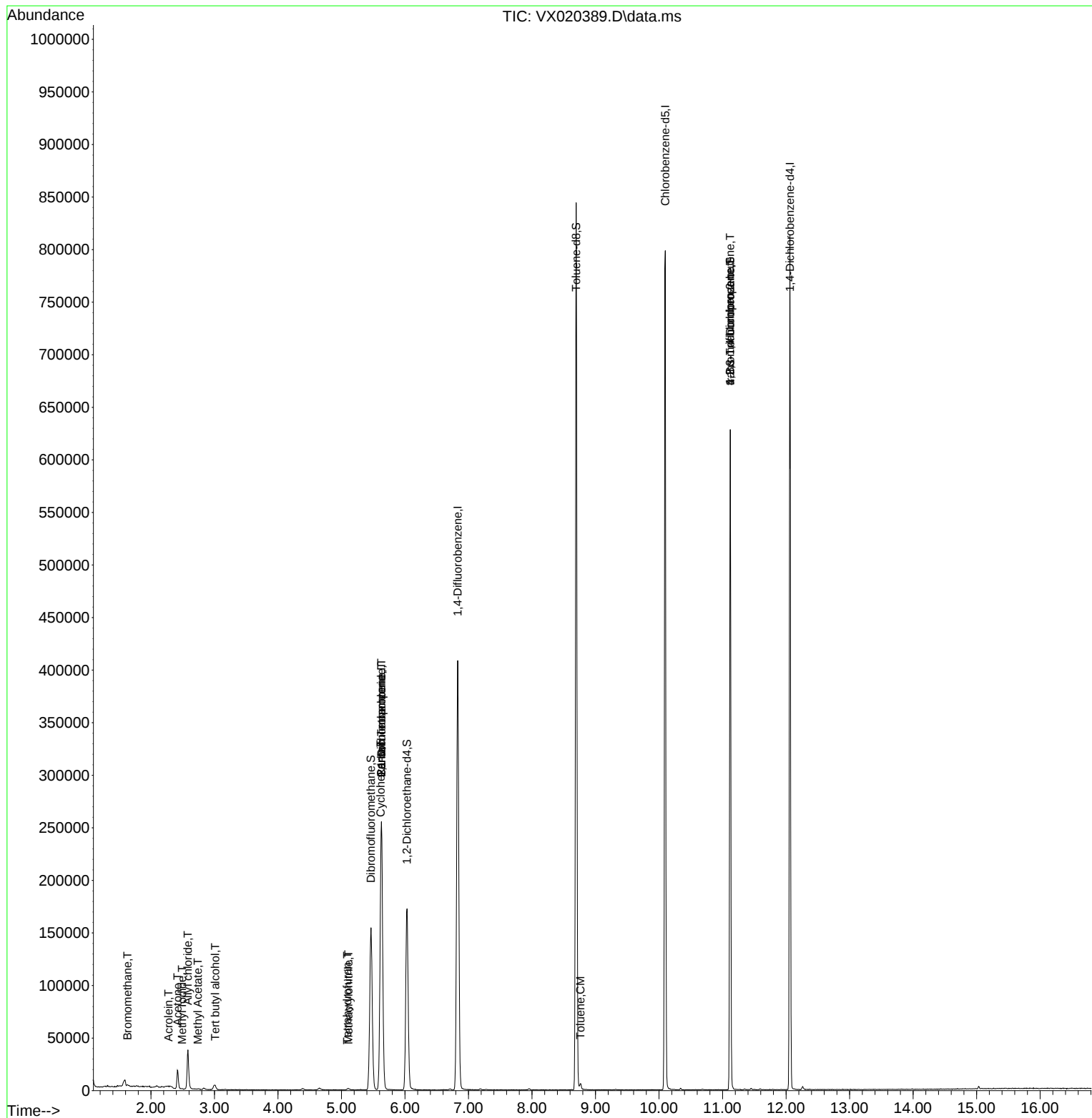
Internal Standards						
1) Pentafluorobenzene	5.629	168	243471	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	407011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	378322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	159103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	165188	50.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.24%	
35) Dibromofluoromethane	5.464	113	132765	50.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.98%	
50) Toluene-d8	8.695	98	498454	49.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.48%	
62) 4-Bromofluorobenzene	11.122	95	170892	44.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.10%	
Target Compounds						
						Qvalue
5) Bromomethane	1.630	94	527	0.49	ug/l #	70
10) Methyl Iodide	2.489	142	223	3.35	ug/l #	42
11) Tert butyl alcohol	3.014	59	4717	6.45	ug/l #	93
13) Acrolein	2.276	56	109	0.24	ug/l #	56
14) Allyl chloride	2.581	41	4170	0.94	ug/l #	67
16) Acetone	2.416	43	18881	12.69	ug/l	100
18) Methyl Acetate	2.739	43	889	0.27	ug/l #	64
29) Tetrahydrofuran	5.092	42	1172	0.86	ug/l #	79
31) Cyclohexane	5.617	56	4787	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19386	4.82	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23839	6.23	ug/l #	17
41) Methacrylonitrile	5.111	41	781	0.35	ug/l #	40
52) Toluene	8.763	92	1919	0.25	ug/l	99
76) 1,2,3-Trichloropropane	11.122	75	84306	21.51	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	84306	63.82	ug/l #	12

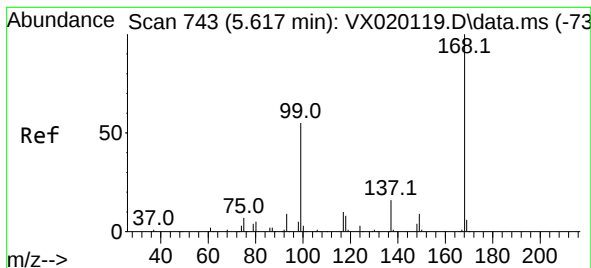
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
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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: VX020389.D

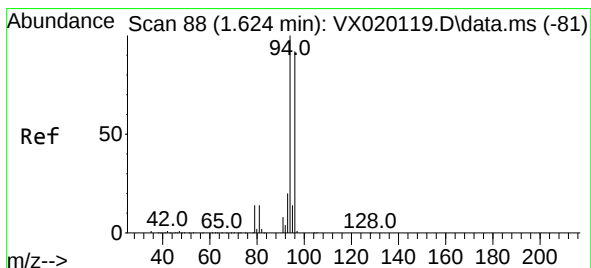
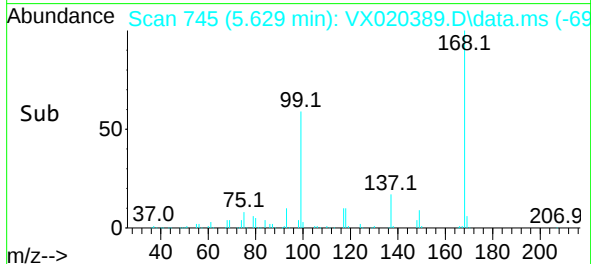
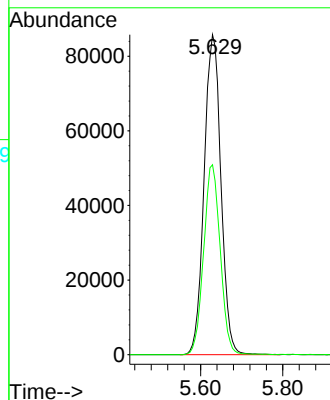
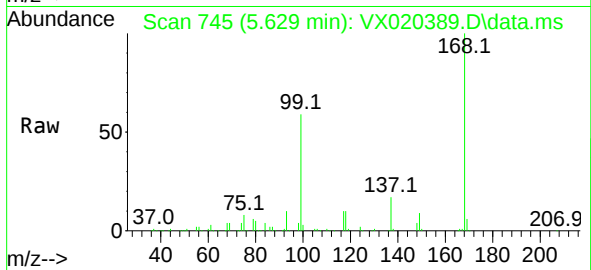
Acq: 24 Dec 2020 15:46

Tgt Ion:168 Resp: 243471

Ion Ratio Lower Upper

168 100

99 59.3 45.8 68.6



#5

Bromomethane

Concen: 0.49 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.006 min

Lab File: VX020389.D

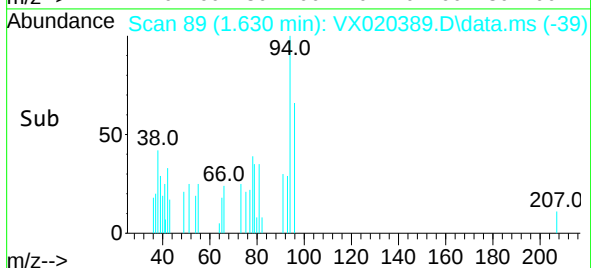
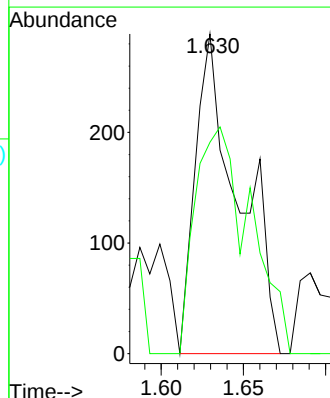
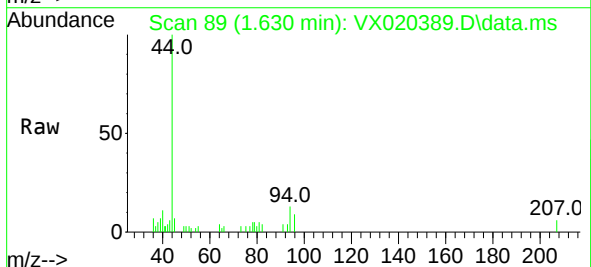
Acq: 24 Dec 2020 15:46

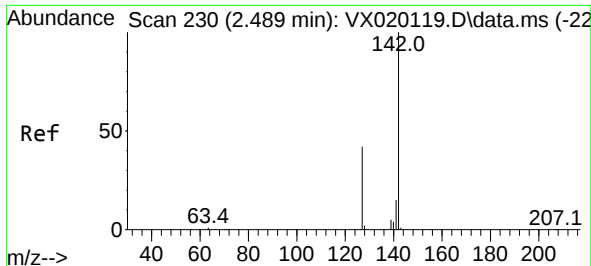
Tgt Ion: 94 Resp: 527

Ion Ratio Lower Upper

94 100

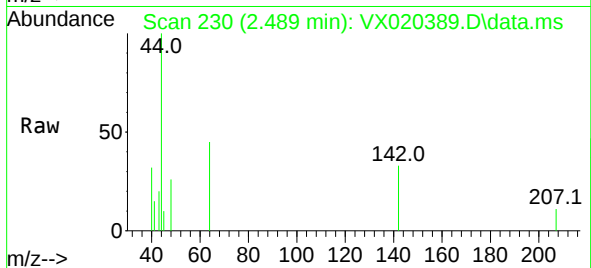
96 66.1 76.4 114.6#



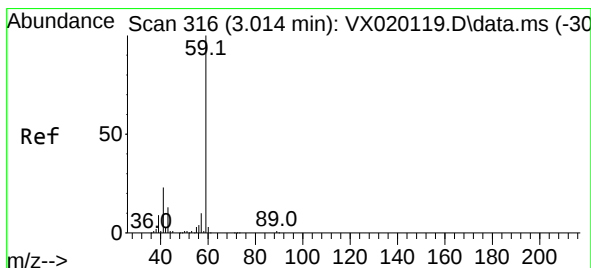
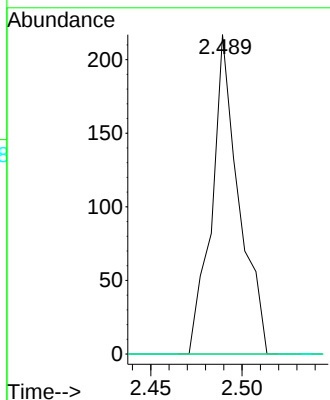
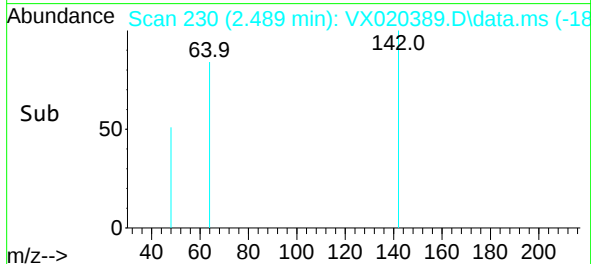


#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

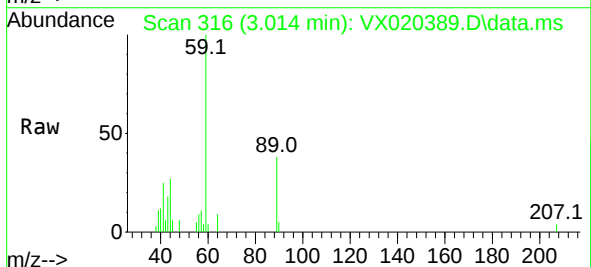
Instrument :
MSVOA_X
ClientSampled :



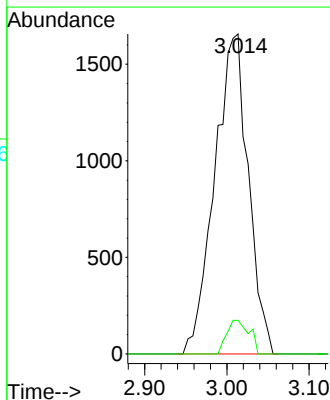
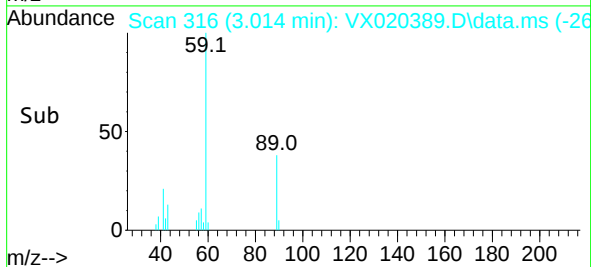
Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

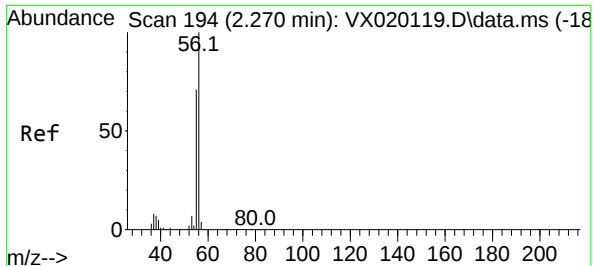


#11
Tert butyl alcohol
Concen: 6.45 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46



Tgt Ion: 59 Resp: 4717
Ion Ratio Lower Upper
59 100
57 7.0 7.8 11.8#

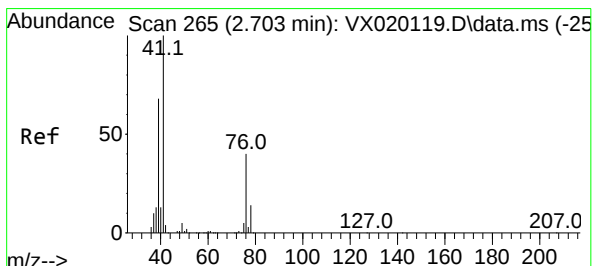
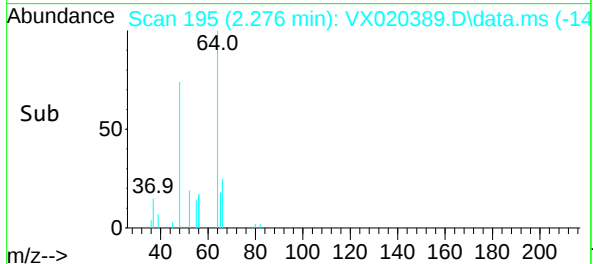
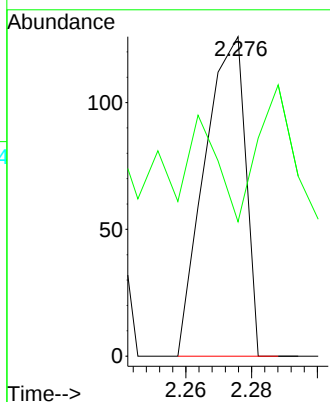
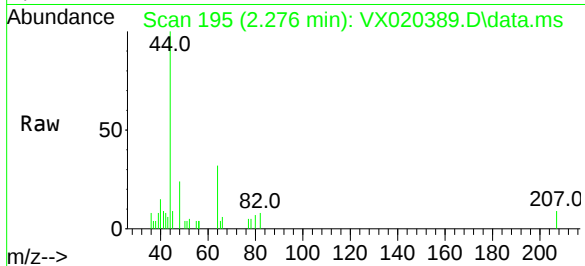




#13
Acrolein
Concen: 0.24 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

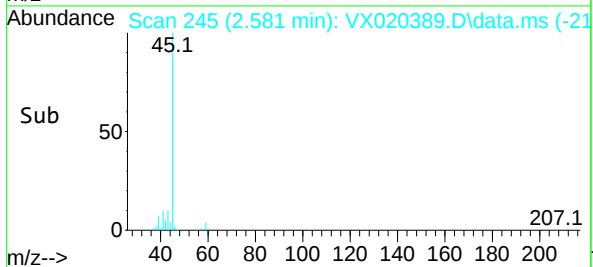
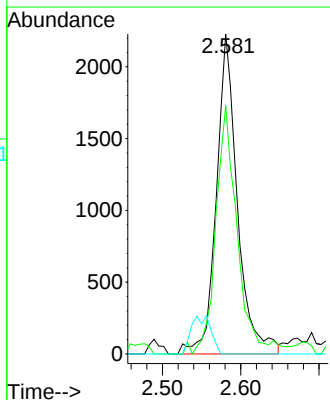
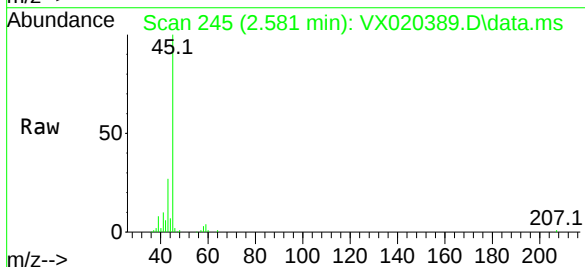
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 106.4 56.4 84.6#



#14
Allyl chloride
Concen: 0.94 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.122 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion: 41 Resp: 4170
Ion Ratio Lower Upper
41 100
39 76.8 51.6 77.4
76 0.0 30.5 45.7#

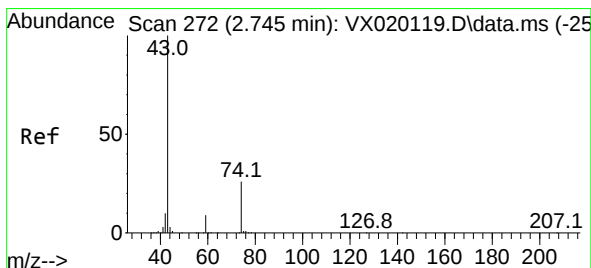
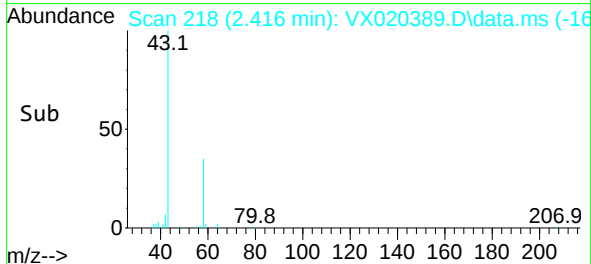
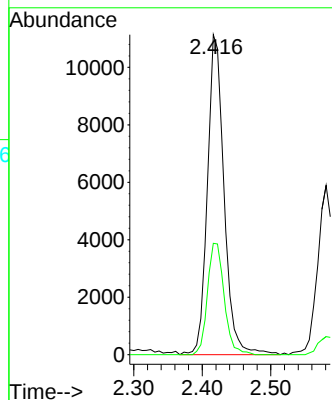
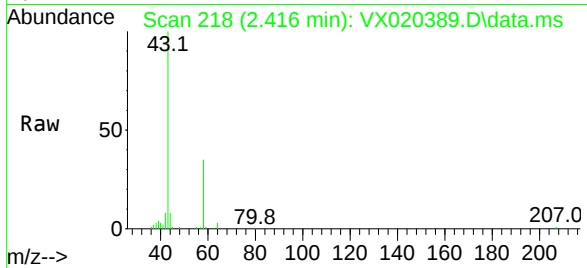




#16
Acetone
Concen: 12.69 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

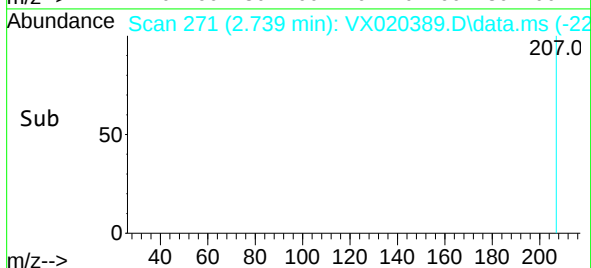
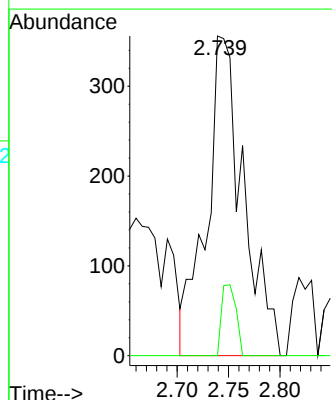
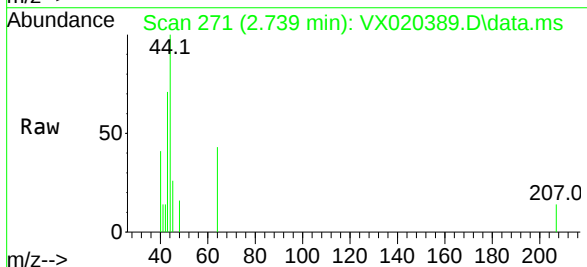
Instrument :
MSVOA_X
ClientSampled :

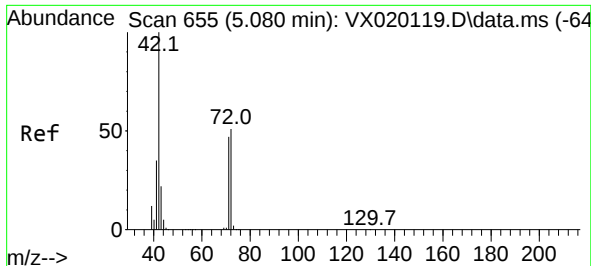
Tgt Ion: 43 Resp: 18881
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.739 min Scan# 271
Delta R.T. -0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
74 8.5 21.9 32.9#

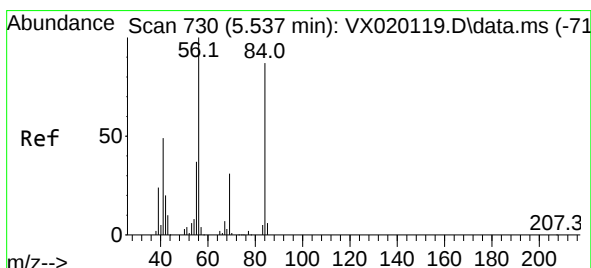
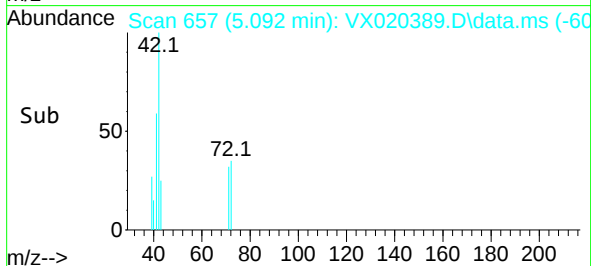
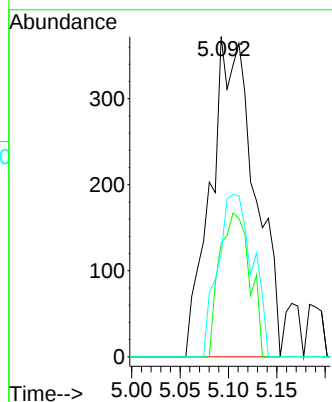
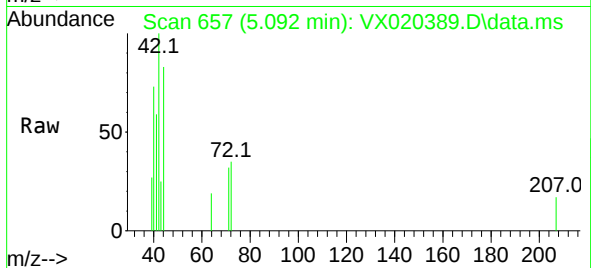




#29
Tetrahydrofuran
Concen: 0.86 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

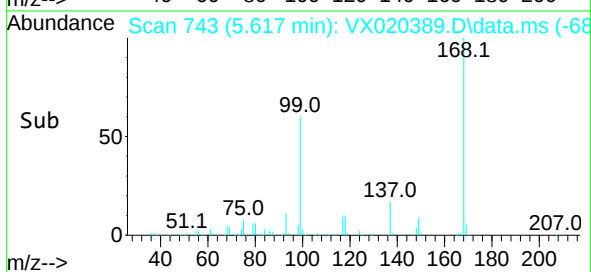
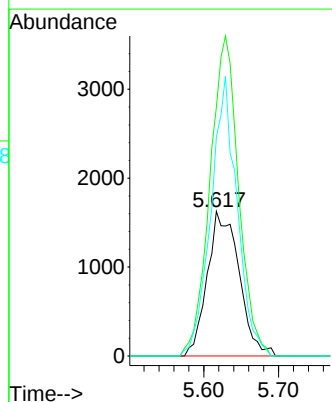
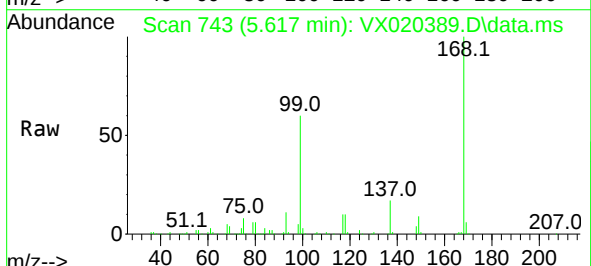
Instrument :
MSVOA_X
ClientSampled :

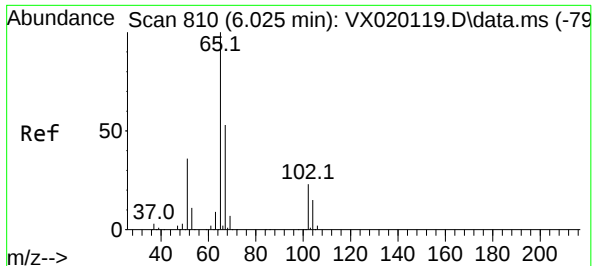
Tgt Ion:	42	Resp:	1172
Ion	Ratio	Lower	Upper
42	100		
72	31.1	41.7	62.5#
71	40.1	38.4	57.6



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.080 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion:	56	Resp:	4787
Ion	Ratio	Lower	Upper
56	100		
69	171.9	25.3	37.9#
84	151.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.62 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020389.D

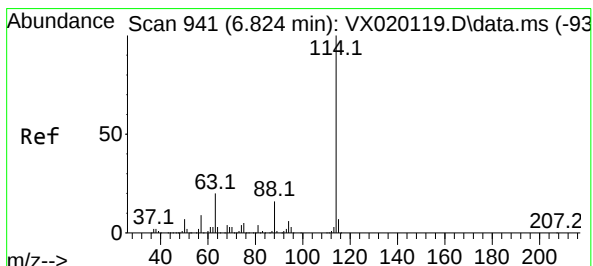
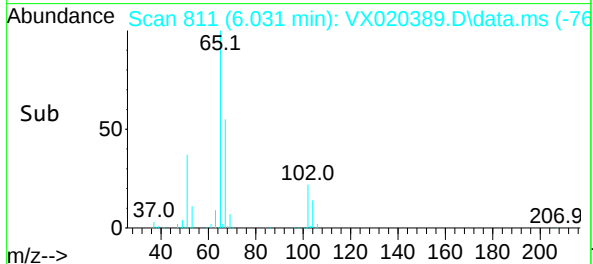
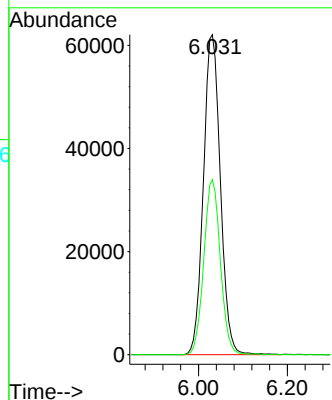
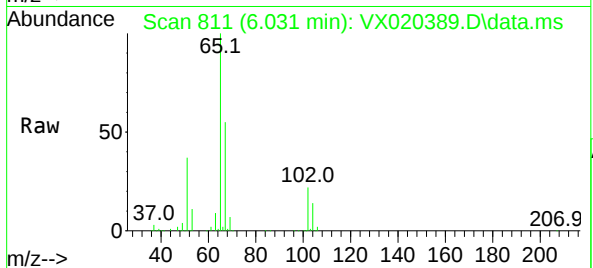
Acq: 24 Dec 2020 15:46

Tgt Ion: 65 Resp: 165188

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: VX020389.D

Acq: 24 Dec 2020 15:46

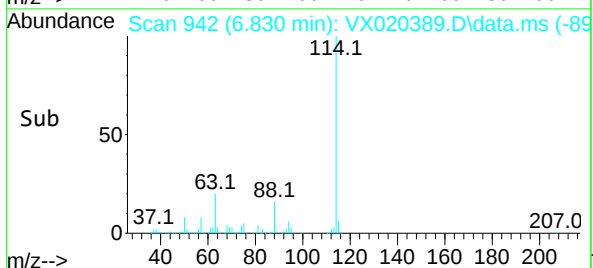
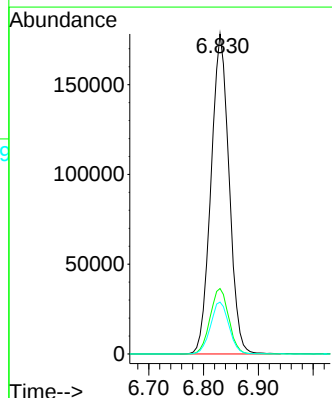
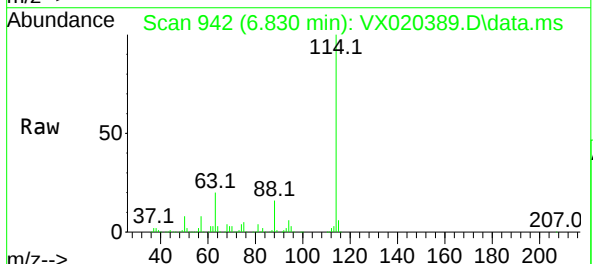
Tgt Ion: 114 Resp: 407011

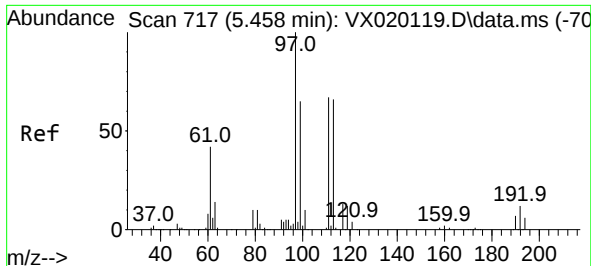
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

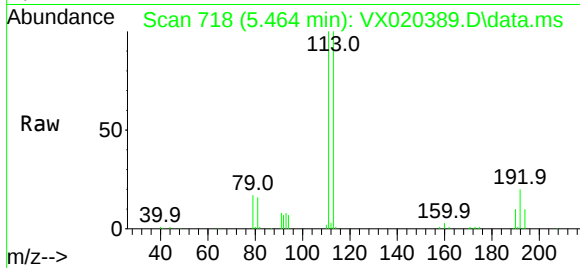
88 16.2 0.0 32.8



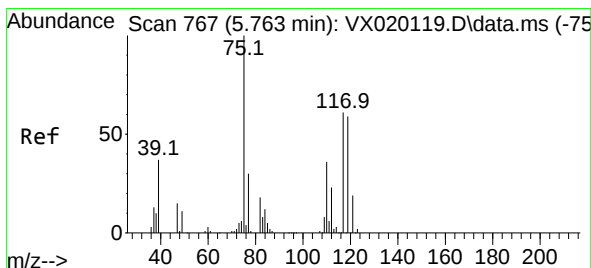
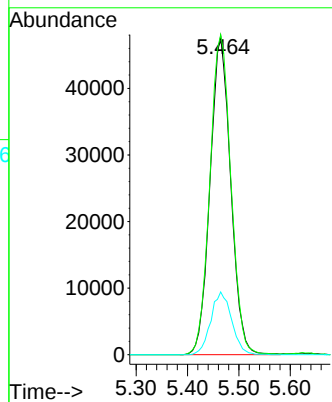
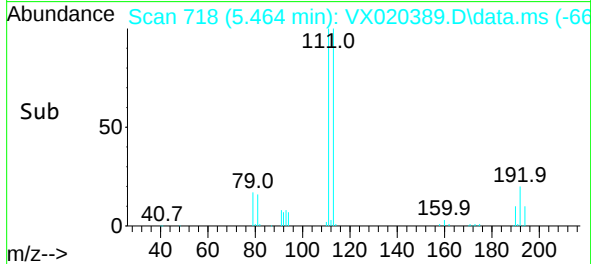


#35
Dibromofluoromethane
Concen: 50.99 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

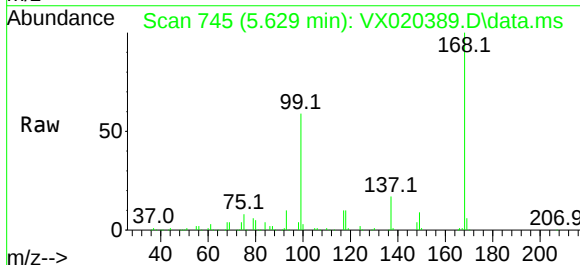
Instrument :
MSVOA_X
ClientSampled :



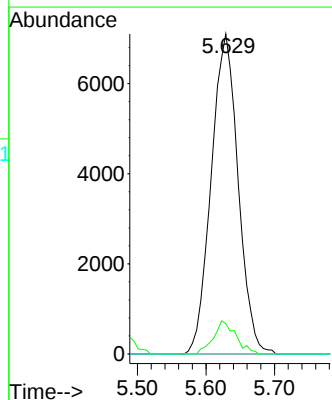
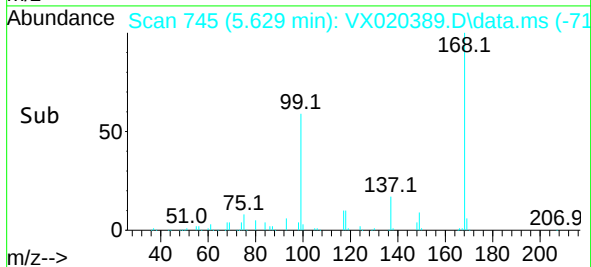
Tgt Ion:113 Resp: 132765
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 20.1 16.7 25.1

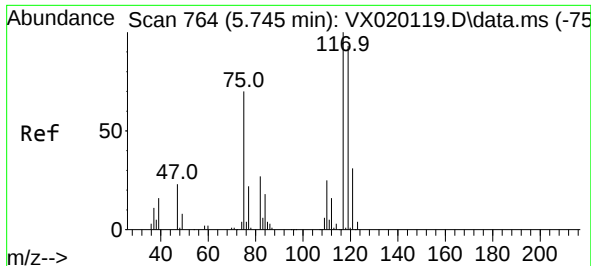


#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46



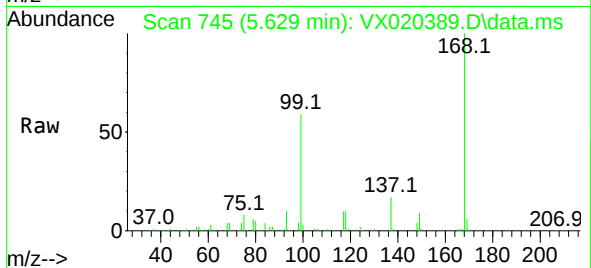
Tgt Ion: 75 Resp: 19386
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



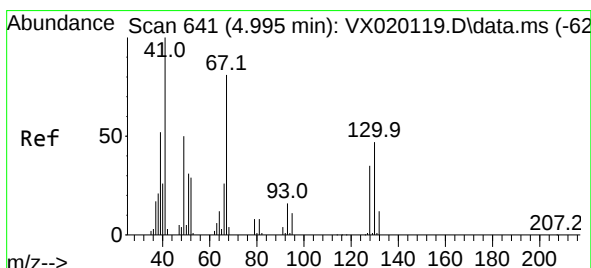
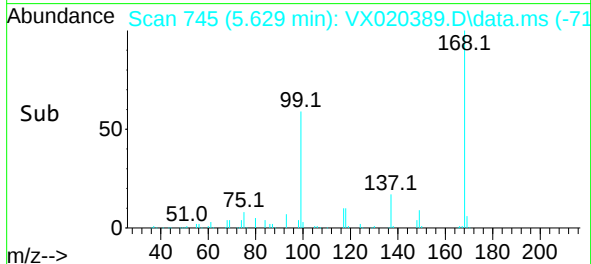
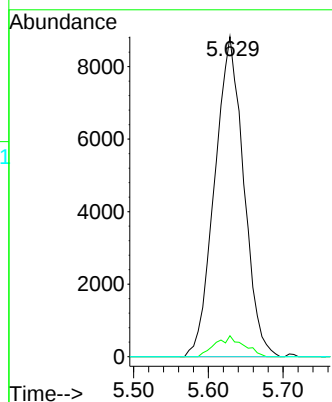


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Instrument :
MSVOA_X
ClientSampled :

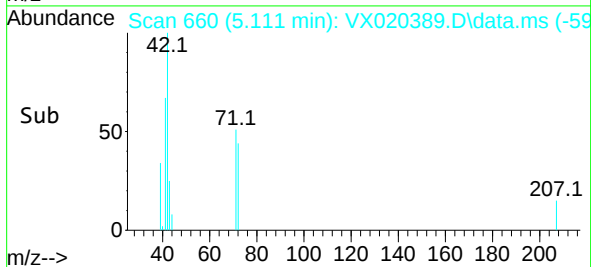
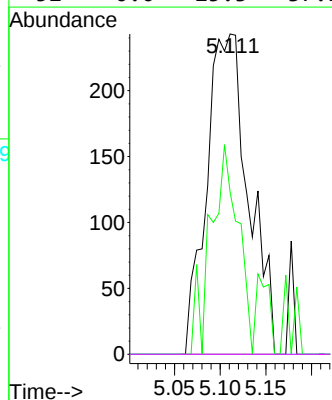
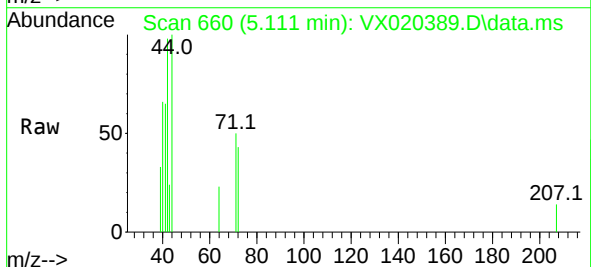


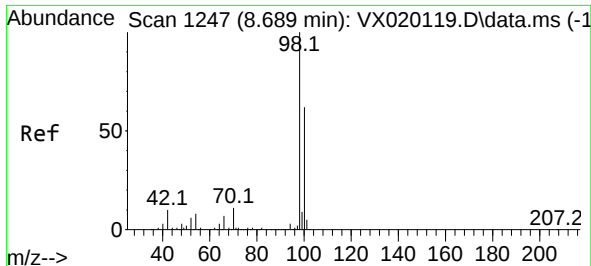
Tgt Ion: 117 Resp: 23839
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.35 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.116 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion: 41 Resp: 781
Ion Ratio Lower Upper
41 100
39 42.8 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

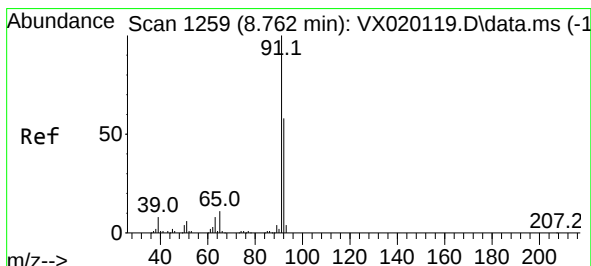
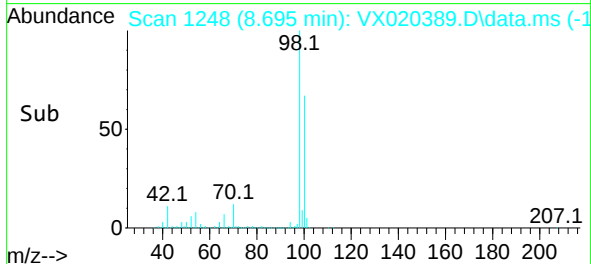
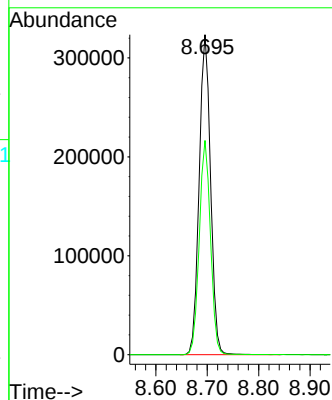
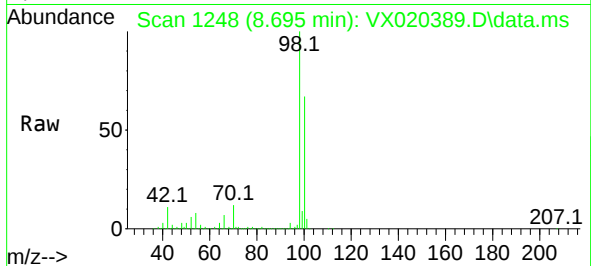




#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

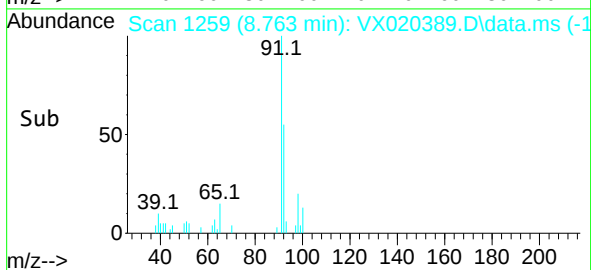
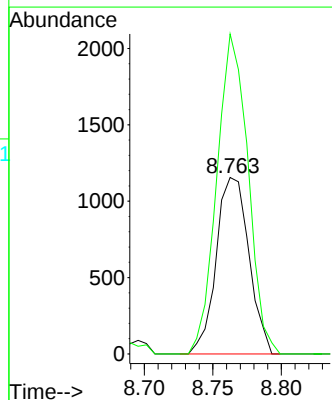
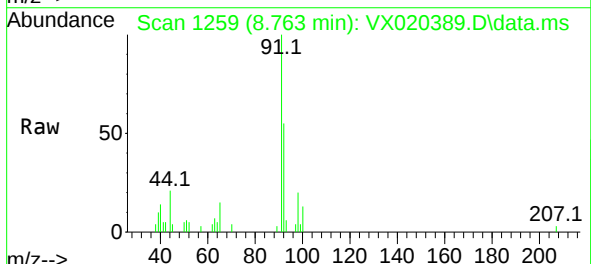
Instrument :
MSVOA_X
ClientSampled :

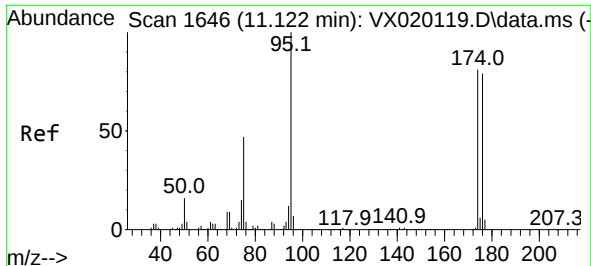
Tgt Ion: 98 Resp: 498454
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#52
Toluene
Concen: 0.25 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion: 92 Resp: 1919
Ion Ratio Lower Upper
92 100
91 172.9 137.1 205.7

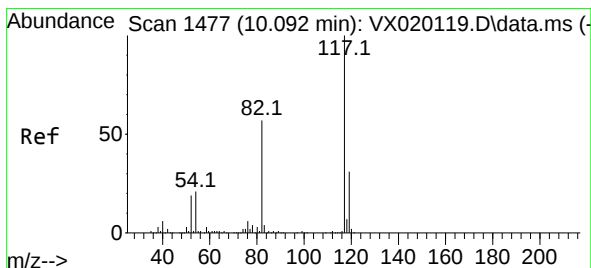
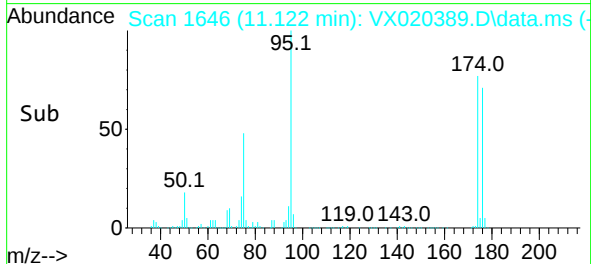
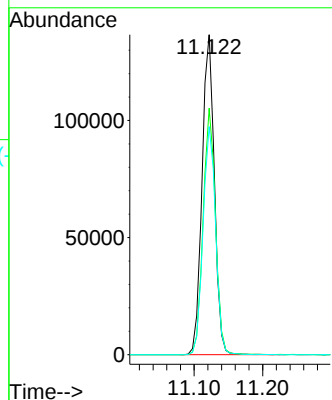
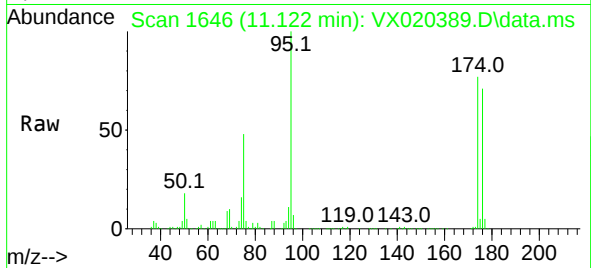




#62
4-Bromofluorobenzene
Concen: 44.55 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

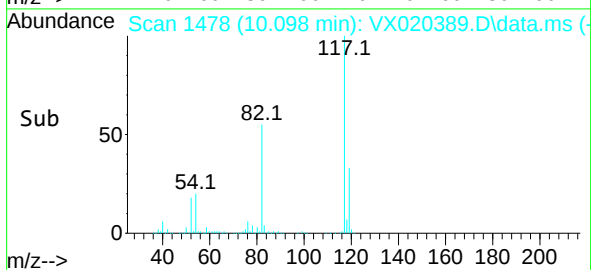
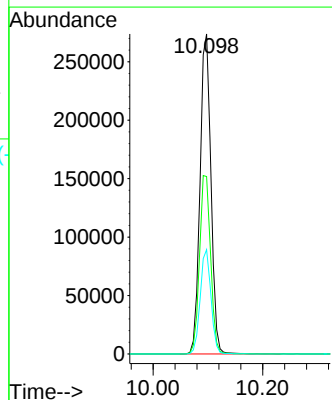
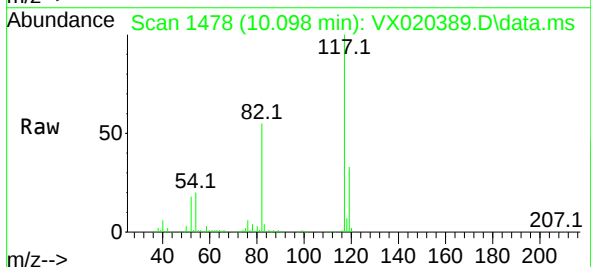
Instrument :
MSVOA_X
ClientSampleId :

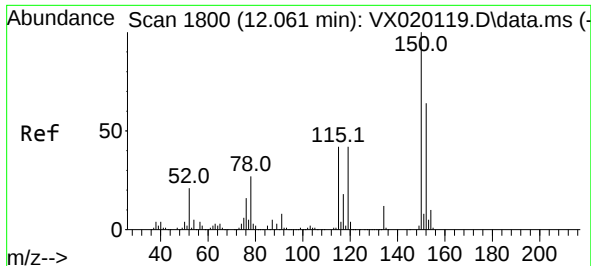
Tgt Ion: 95 Resp: 170892
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 72.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion: 117 Resp: 378322
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.6 26.6 39.8

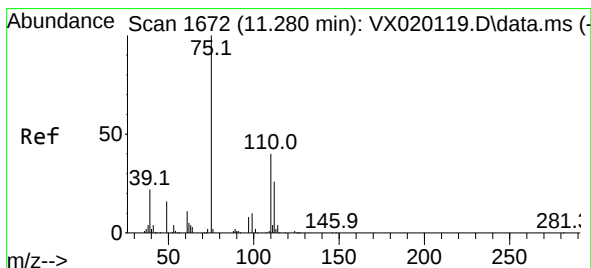
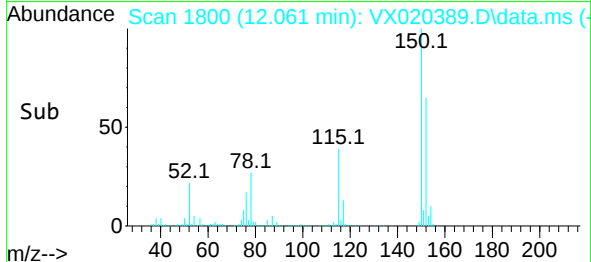
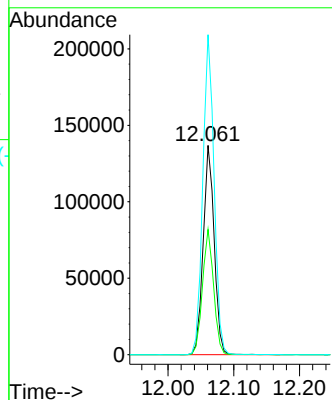
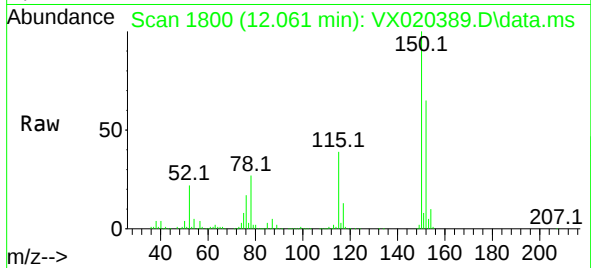




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

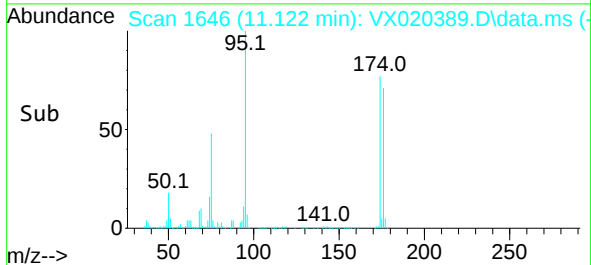
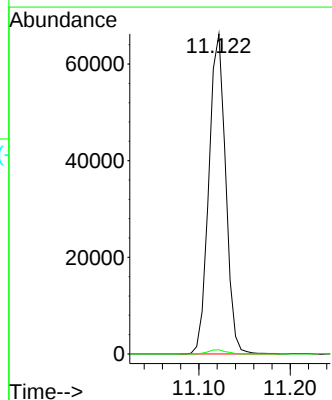
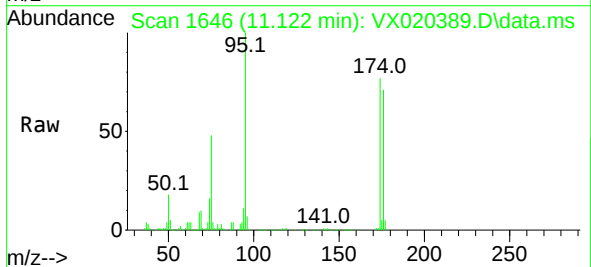
Instrument :
MSVOA_X
ClientSampled :

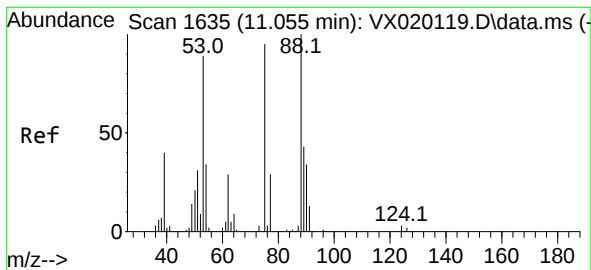
Tgt Ion:152 Resp: 159103
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.51 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

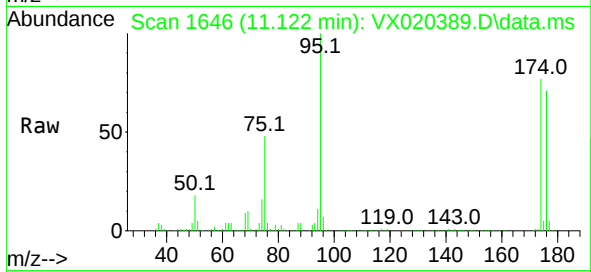
Tgt Ion: 75 Resp: 84306
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.82 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020389.D
 Acq: 24 Dec 2020 15:46

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 84306
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

