

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020388.D
 Acq On : 24 Dec 2020 15:23
 Operator : JC/MD
 Sample : L5124-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 25 01:13:41 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)

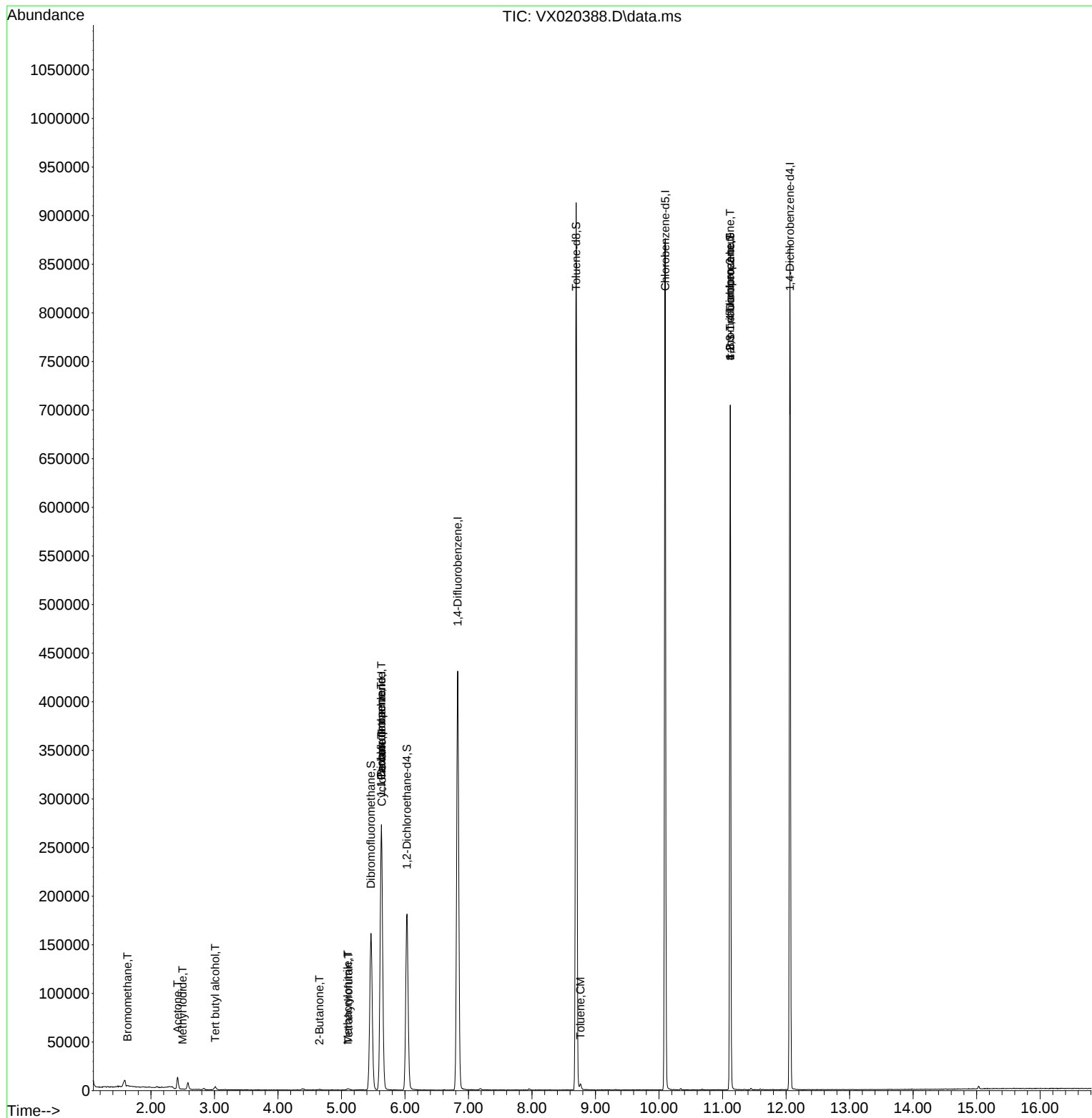
Internal Standards						
1) Pentafluorobenzene	5.629	168	254531	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	430112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	405293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	172919	50.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.36%
35) Dibromofluoromethane	5.464	113	137275	49.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.78%
50) Toluene-d8	8.696	98	526111	49.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.36%
62) 4-Bromofluorobenzene	11.122	95	188321	46.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.92%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	563	0.50	ug/l	98
10) Methyl Iodide	2.495	142	165	3.33	ug/l #	42
11) Tert butyl alcohol	3.014	59	3149	4.12	ug/l	97
16) Acetone	2.416	43	13001	8.36	ug/l	95
25) 2-Butanone	4.654	43	622	0.27	ug/l	91
29) Tetrahydrofuran	5.111	42	1143	0.80	ug/l #	83
31) Cyclohexane	5.635	56	5233	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20329	4.78	ug/l #	49
38) Carbon Tetrachloride	5.629	117	25557	6.32	ug/l #	17
41) Methacrylonitrile	5.099	41	778	0.33	ug/l #	26
52) Toluene	8.763	92	1942	0.24	ug/l	93
76) 1,2,3-Trichloropropane	11.122	75	91985	20.90	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	91985	62.01	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

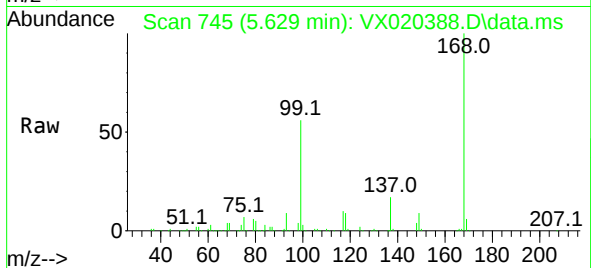
Quant Time: Dec 25 01:13:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
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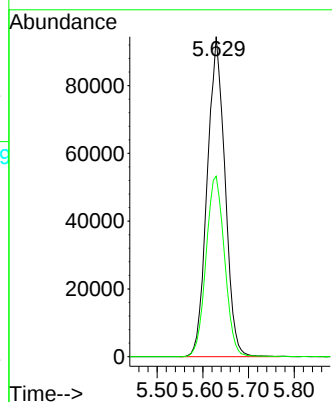
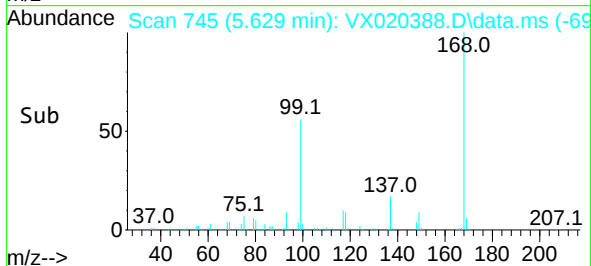


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

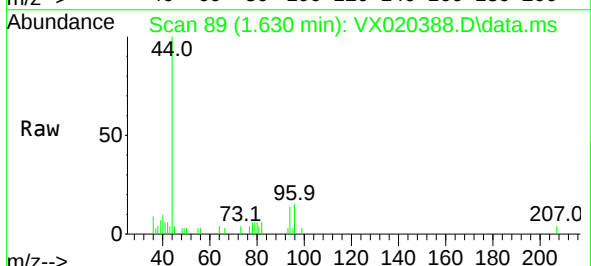
Instrument :
MSVOA_X
ClientSampled :



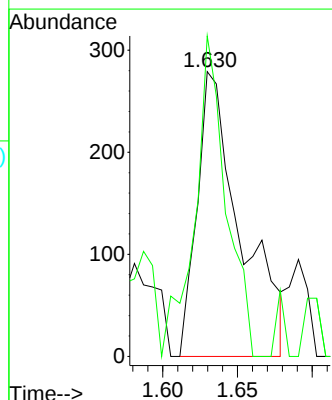
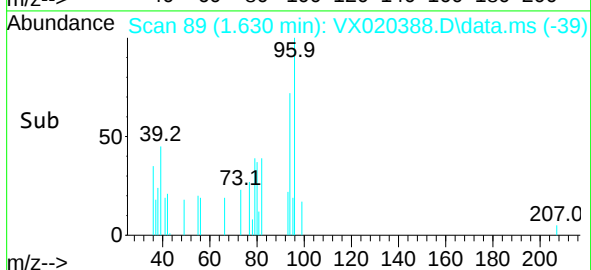
Tgt Ion:168 Resp: 254531
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6

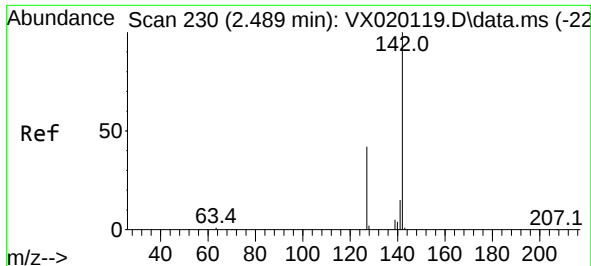


#5
Bromomethane
Concen: 0.50 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23



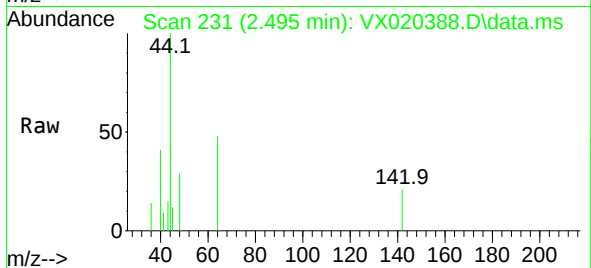
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 93.9 76.4 114.6



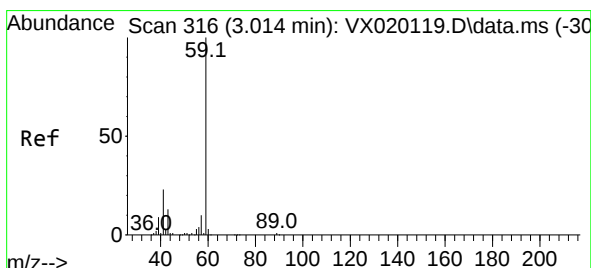
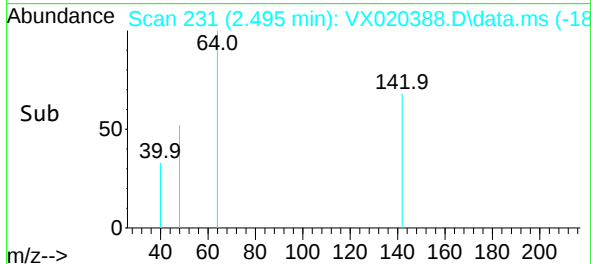
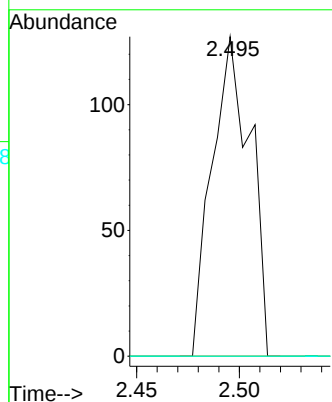


#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

Instrument :
MSVOA_X
ClientSampled :

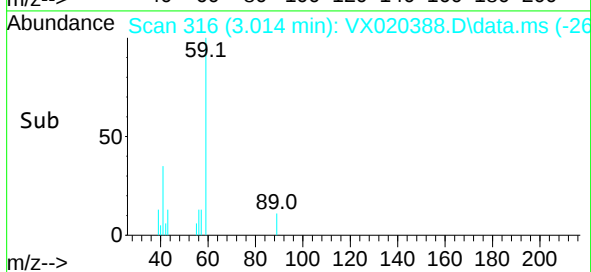
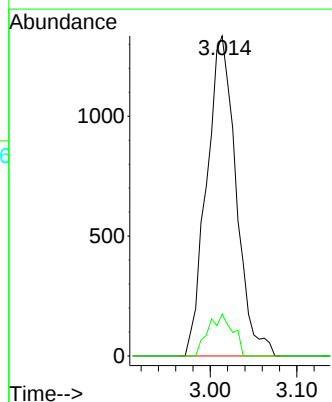
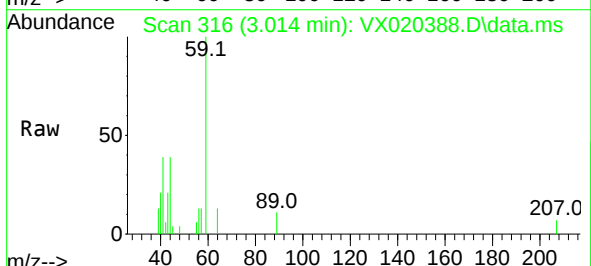


Tgt Ion:142 Resp: 165
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.12 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

Tgt Ion: 59 Resp: 3149
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.8

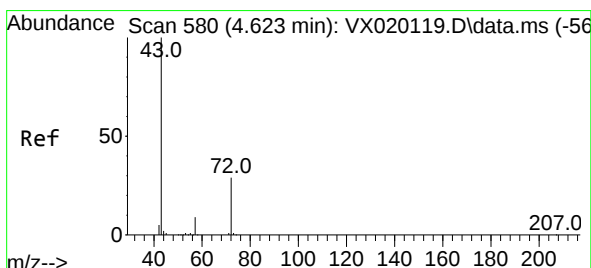
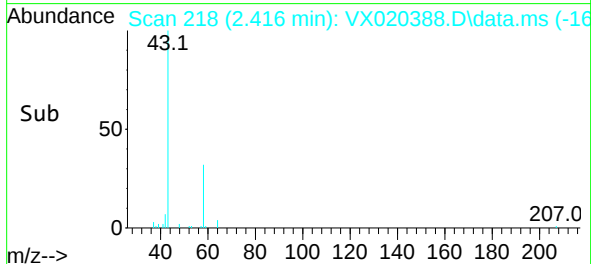
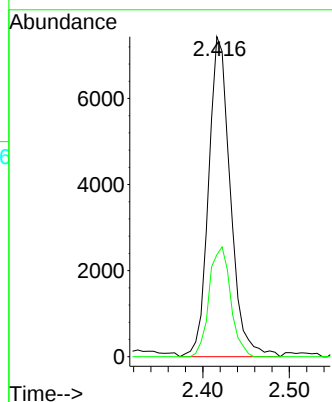
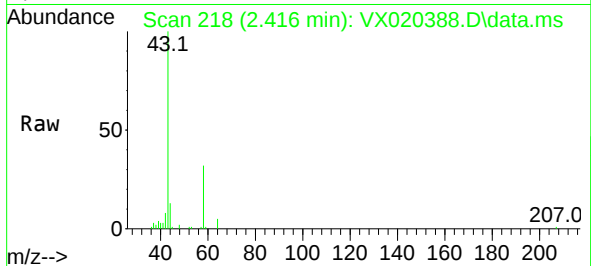




#16
Acetone
Concen: 8.36 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

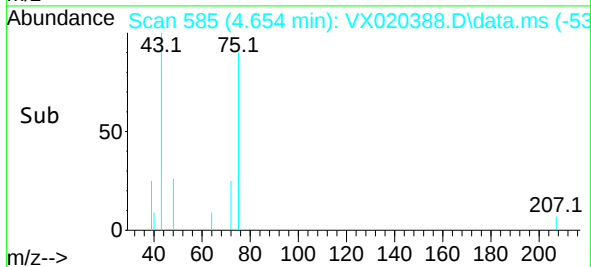
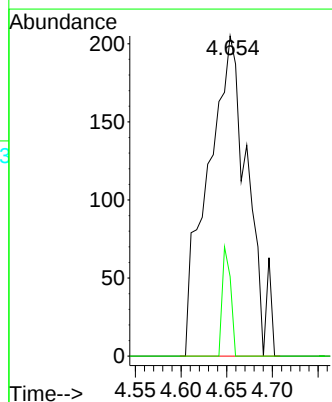
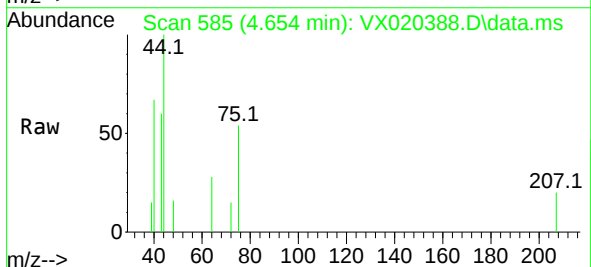
Instrument :
MSVOA_X
ClientSampled :

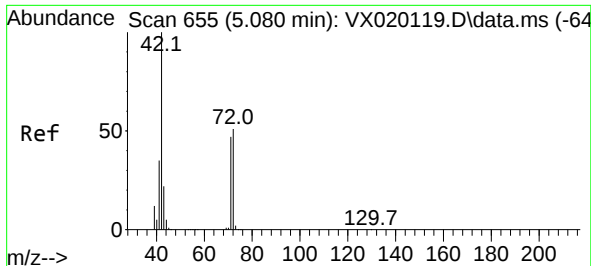
Tgt Ion: 43 Resp: 13001
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.031 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
72 24.9 23.7 35.5

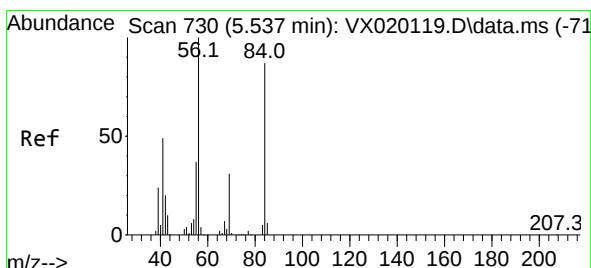
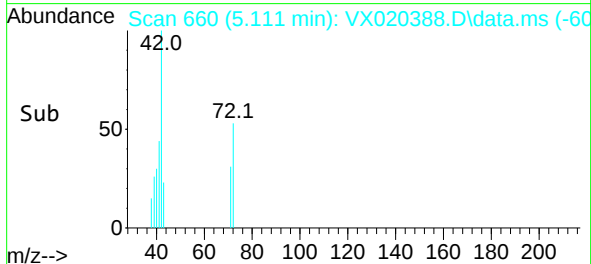
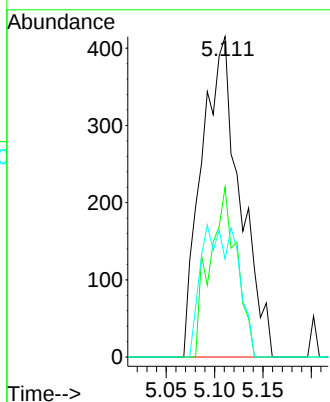
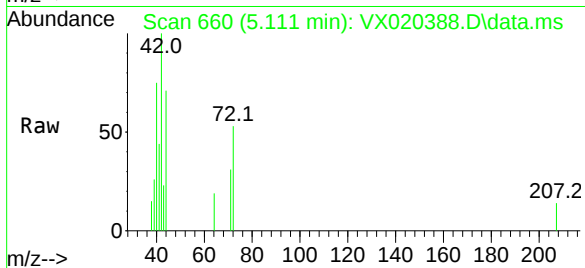




#29
Tetrahydrofuran
Concen: 0.80 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.031 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

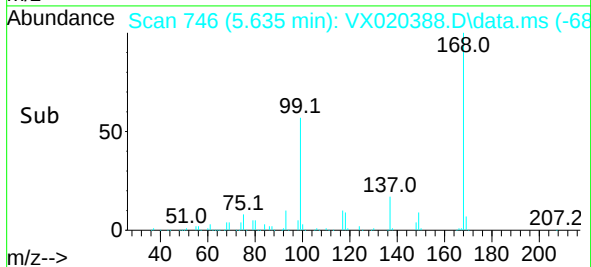
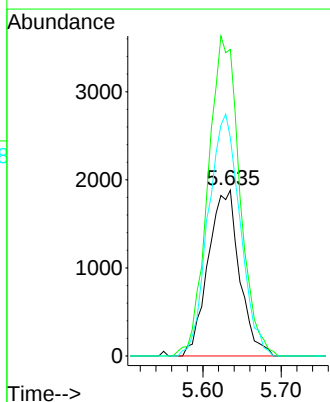
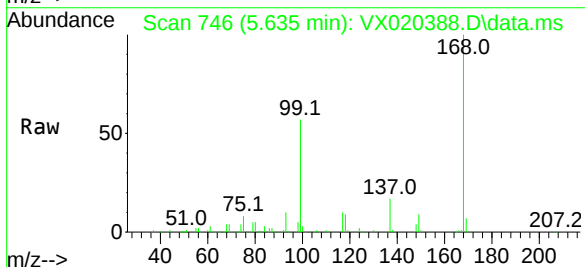
Instrument :
MSVOA_X
ClientSampled :

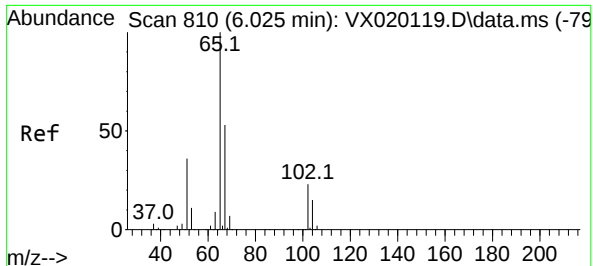
Tgt Ion:	42	Resp:	1143
Ion	Ratio	Lower	Upper
42	100		
72	37.4	41.7	62.5#
71	39.4	38.4	57.6



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.098 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

Tgt Ion:	56	Resp:	5233
Ion	Ratio	Lower	Upper
56	100		
69	185.0	25.3	37.9#
84	131.6	71.4	107.0#

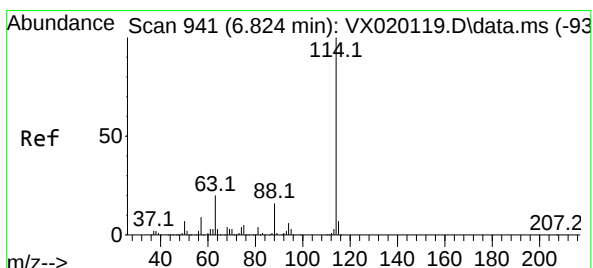
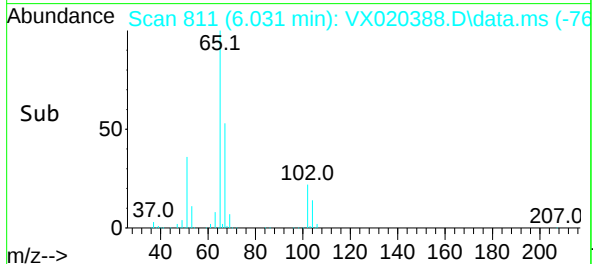
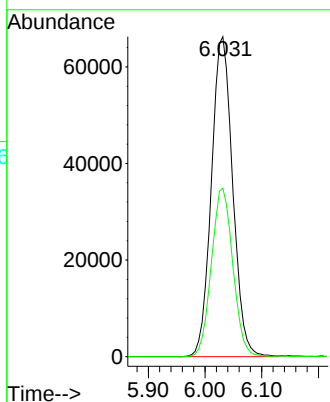
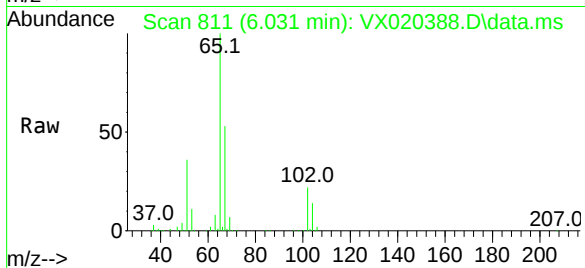




#33
1,2-Dichloroethane-d4
Concen: 50.68 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

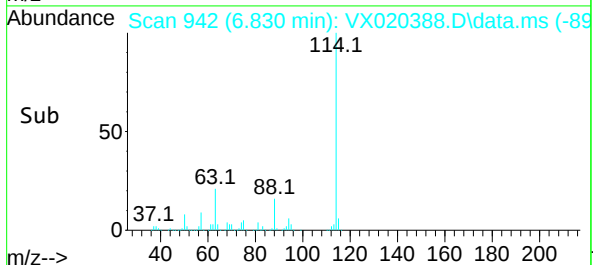
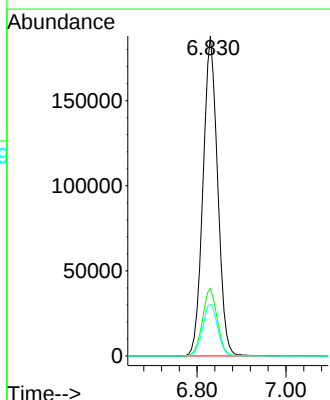
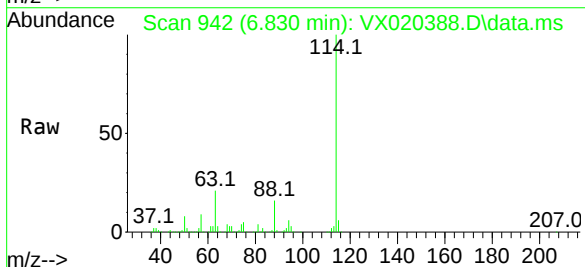
Instrument :
MSVOA_X
ClientSampled :

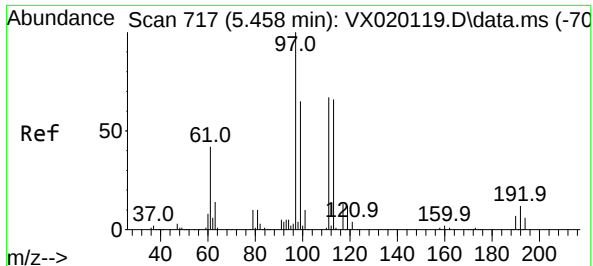
Tgt Ion: 65 Resp: 172919
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

Tgt Ion: 114 Resp: 430112
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.89 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020388.D

Acq: 24 Dec 2020 15:23

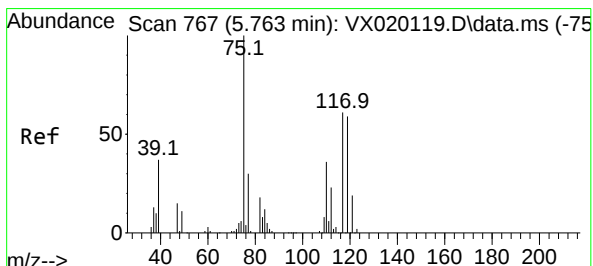
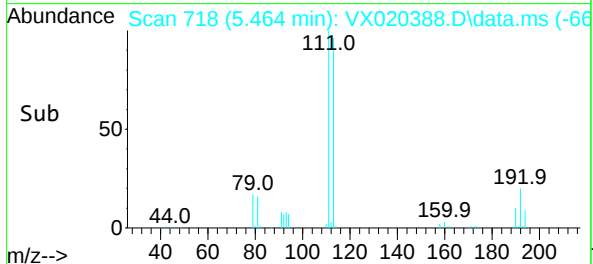
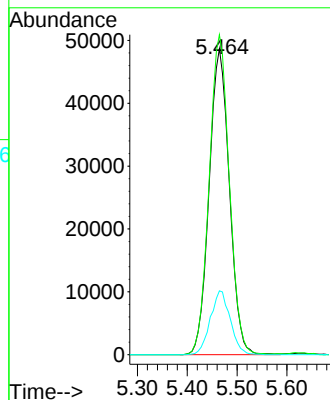
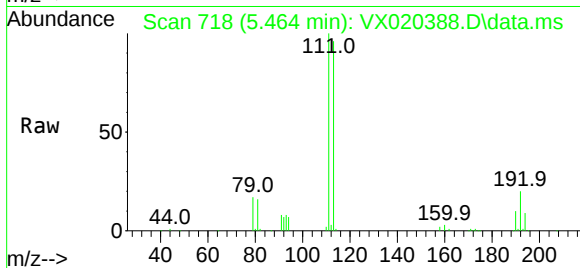
Tgt Ion: 113 Resp: 137275

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

192 20.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.78 ug/l

RT: 5.623 min Scan# 744

Delta R.T. -0.140 min

Lab File: VX020388.D

Acq: 24 Dec 2020 15:23

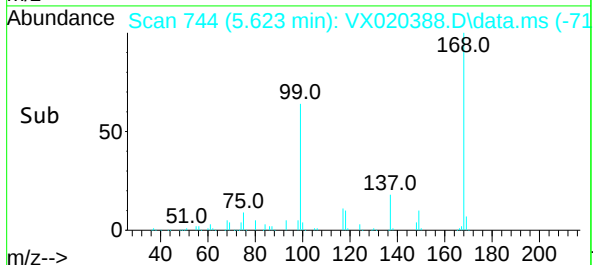
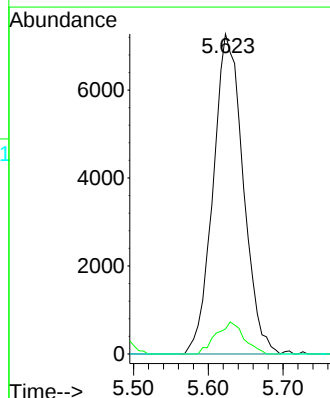
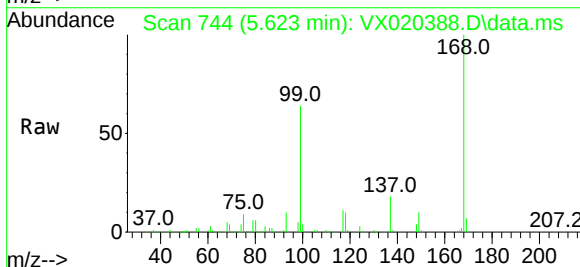
Tgt Ion: 75 Resp: 20329

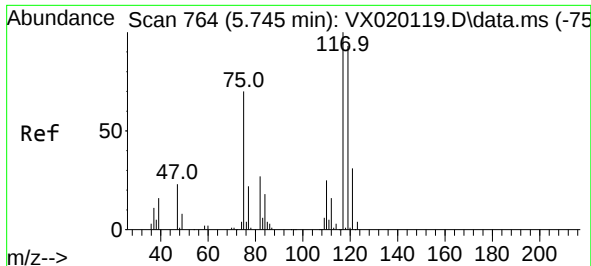
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

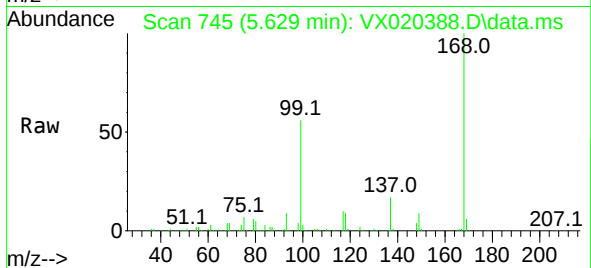
77 0.0 25.3 37.9#



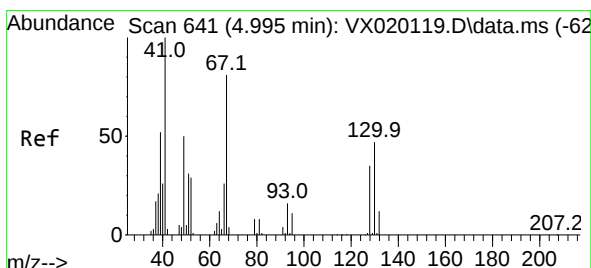
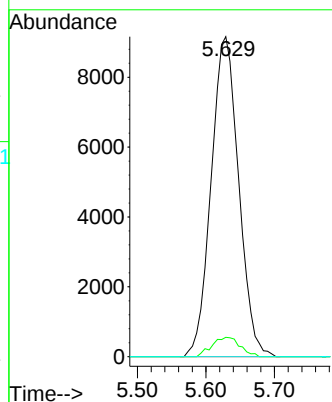
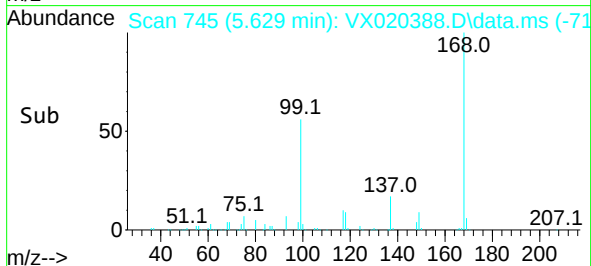


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

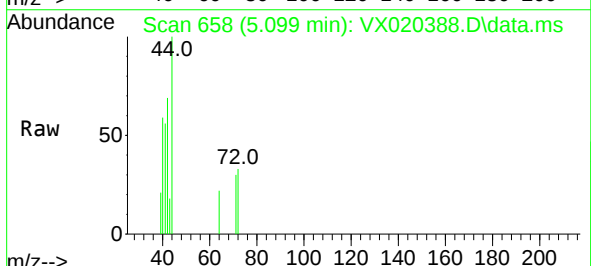
Instrument :
MSVOA_X
ClientSampled :



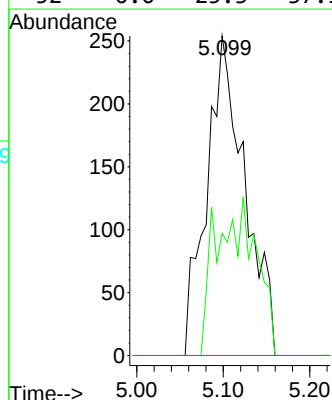
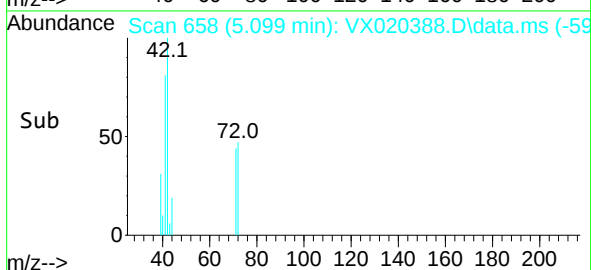
Tgt Ion:117 Resp: 25557
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

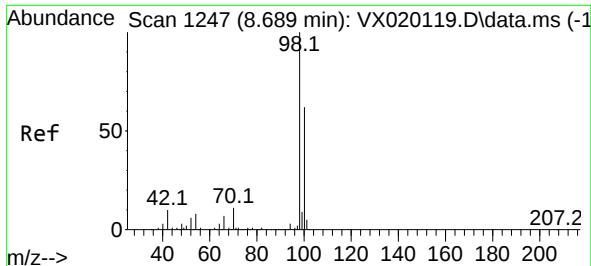


#41
Methacrylonitrile
Concen: 0.33 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.104 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23



Tgt Ion: 41 Resp: 778
Ion Ratio Lower Upper
41 100
39 11.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

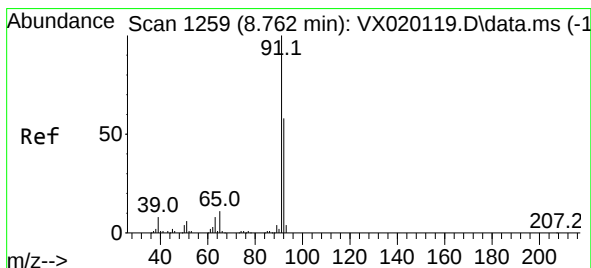
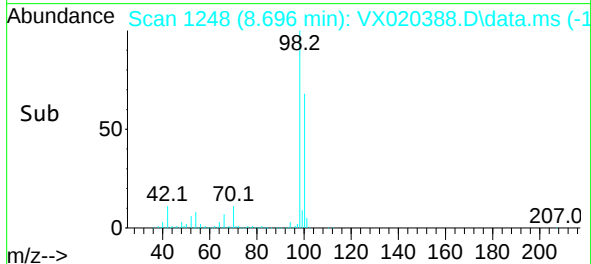
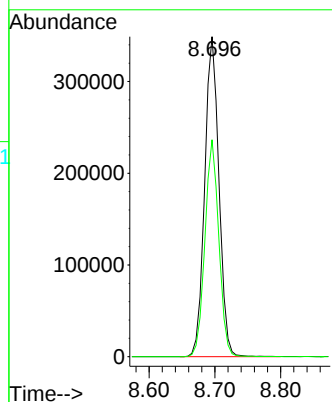
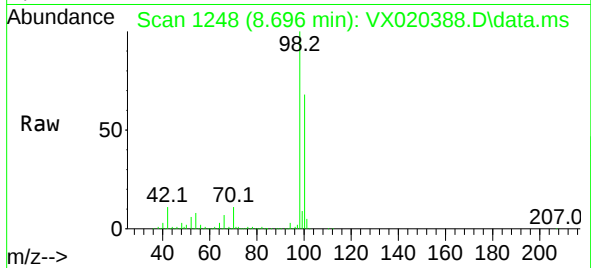




#50
Toluene-d8
Concen: 49.68 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

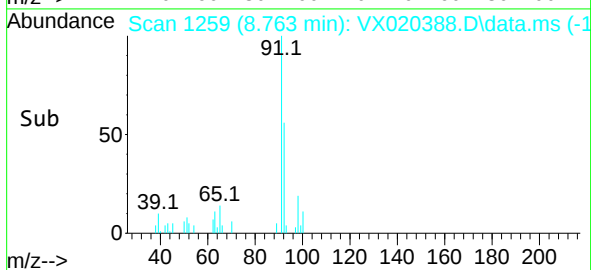
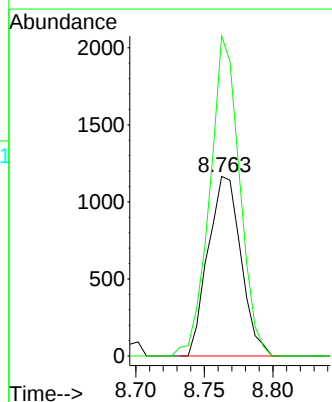
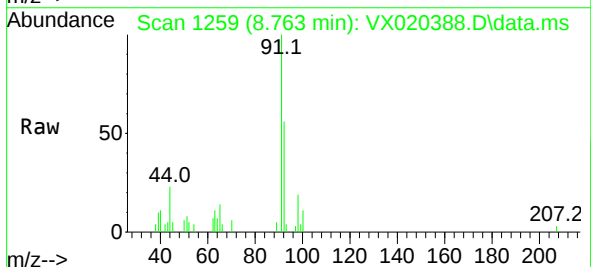
Instrument :
MSVOA_X
ClientSampled :

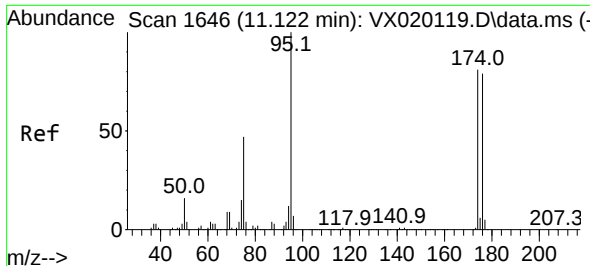
Tgt Ion: 98 Resp: 526111
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#52
Toluene
Concen: 0.24 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

Tgt Ion: 92 Resp: 1942
Ion Ratio Lower Upper
92 100
91 161.4 137.1 205.7

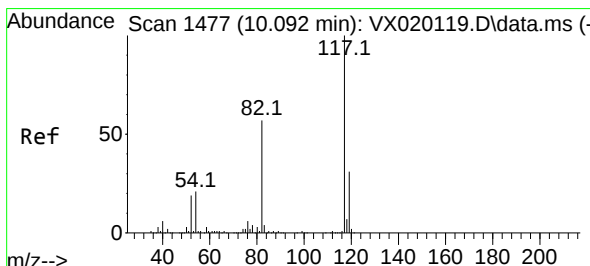
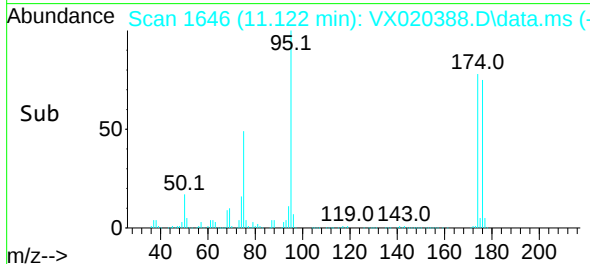
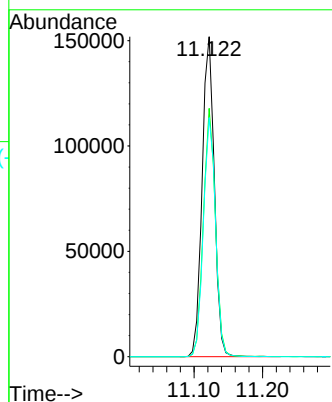
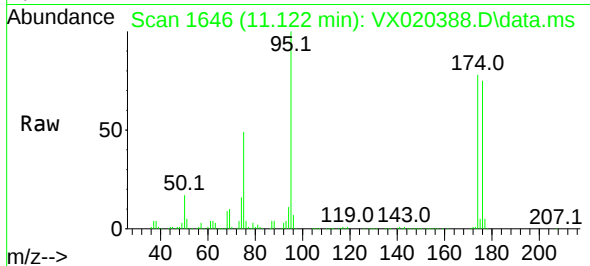




#62
4-Bromofluorobenzene
Concen: 46.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

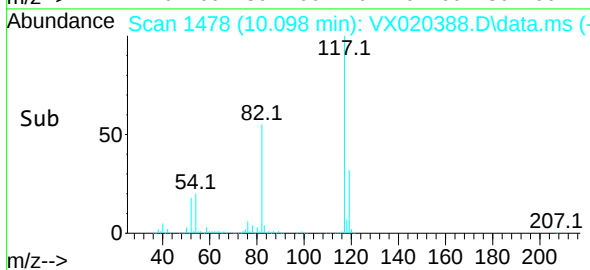
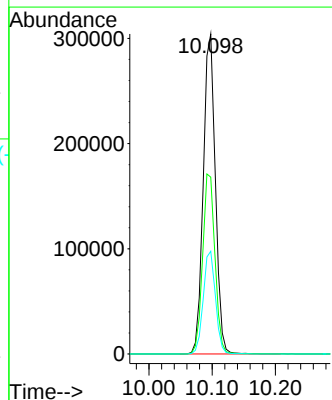
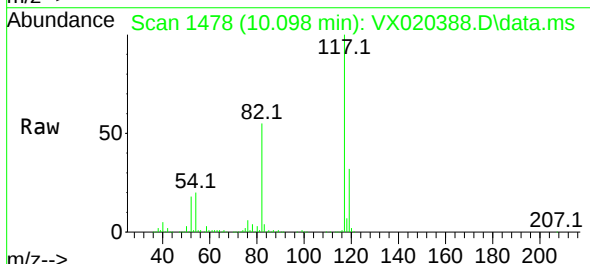
Instrument :
MSVOA_X
ClientSampleId :

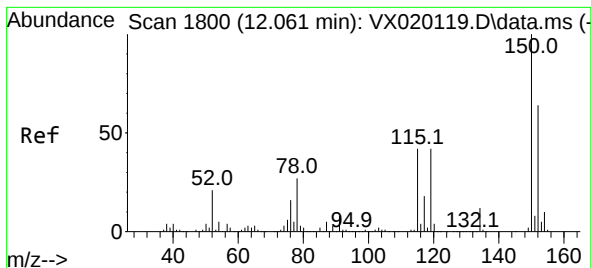
Tgt Ion: 95 Resp: 188321
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020388.D
Acq: 24 Dec 2020 15:23

Tgt Ion: 117 Resp: 405293
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.1 26.6 39.8

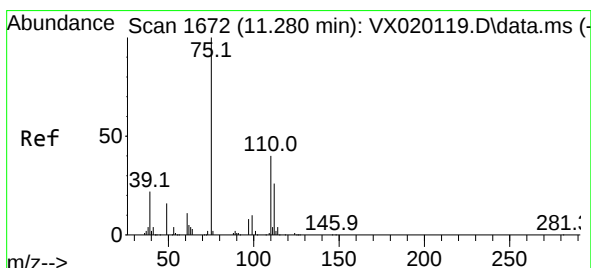
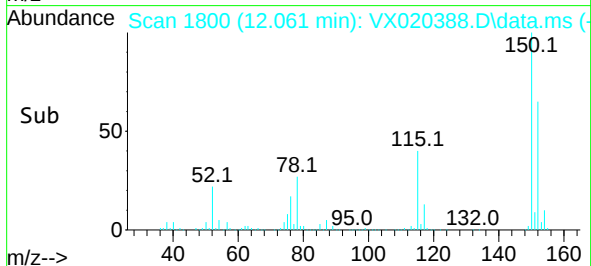
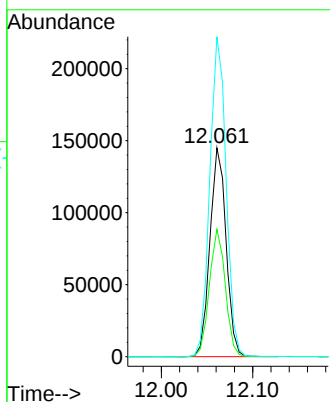
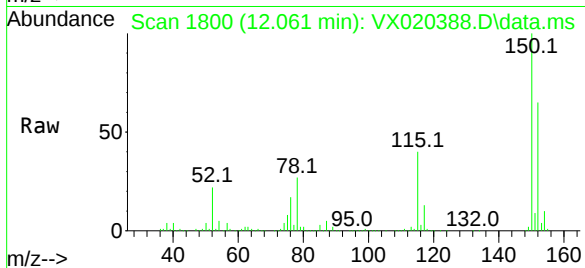




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020388.D
 Acq: 24 Dec 2020 15:23

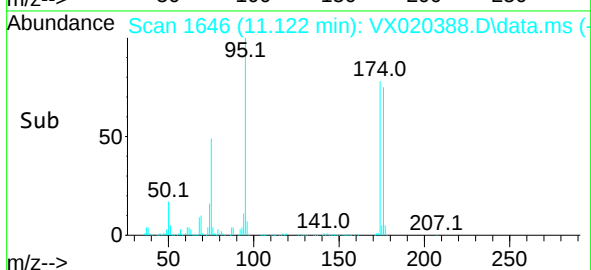
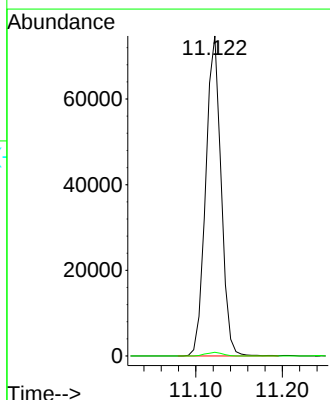
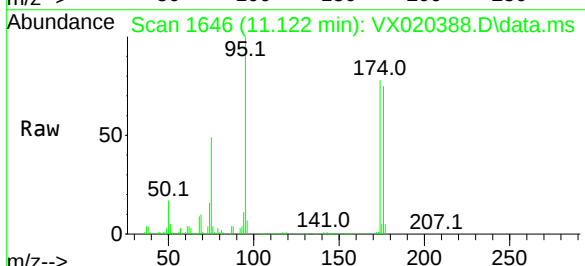
Instrument :
 MSVOA_X
 ClientSampled :

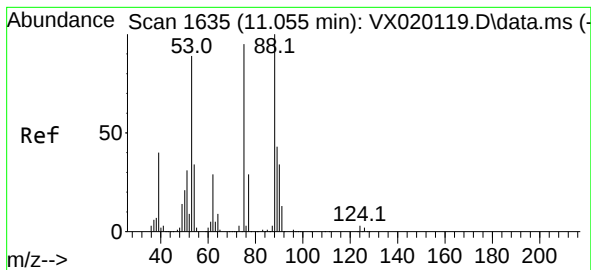
Tgt Ion:152 Resp: 178652
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 154.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.90 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020388.D
 Acq: 24 Dec 2020 15:23

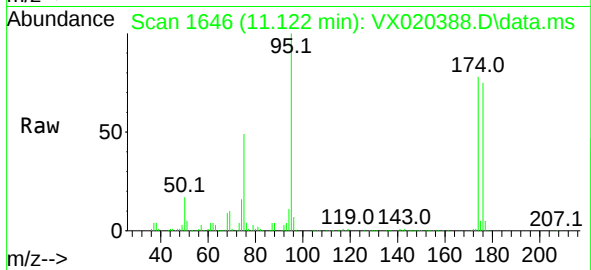
Tgt Ion: 75 Resp: 91985
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.01 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020388.D
 Acq: 24 Dec 2020 15:23

Instrument :
 MSVOA_X
 ClientSampleId :



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

