

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020370.D
 Acq On : 24 Dec 2020 04:21
 Operator : JC/MD
 Sample : L5095-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

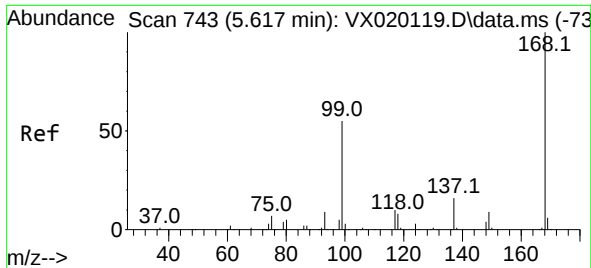
Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE8-121420

Quant Time: Dec 24 05:37:37 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	244243	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	412900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	385240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	169124	51.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.32%			
35) Dibromofluoromethane	5.464	113	135150	51.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.34%			
50) Toluene-d8	8.695	98	509088	50.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.14%			
62) 4-Bromofluorobenzene	11.122	95	174550	44.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.72%			
Target Compounds						Qvalue
5) Bromomethane	1.642	94	357	0.33	ug/l #	70
10) Methyl Iodide	2.489	142	77	3.31	ug/l #	42
11) Tert butyl alcohol	3.007	59	512	0.70	ug/l #	73
16) Acetone	2.416	43	1590	1.07	ug/l	98
24) 1,1-Dichloroethane	3.666	63	3605	0.68	ug/l #	93
27) cis-1,2-Dichloroethene	4.562	96	15134	4.43	ug/l	90
31) Cyclohexane	5.629	56	5252	1.16	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19266	4.72	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24815	6.39	ug/l #	17
52) Toluene	8.763	92	2640	0.34	ug/l	93
76) 1,2,3-Trichloropropane	11.122	75	86090	20.72	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	86090	61.47	ug/l #	12

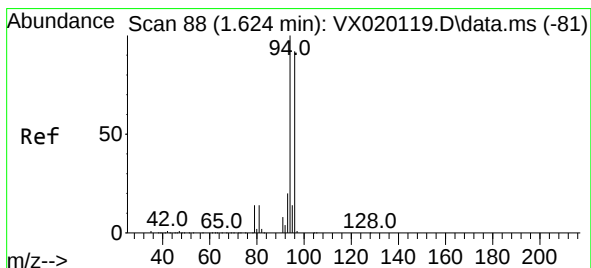
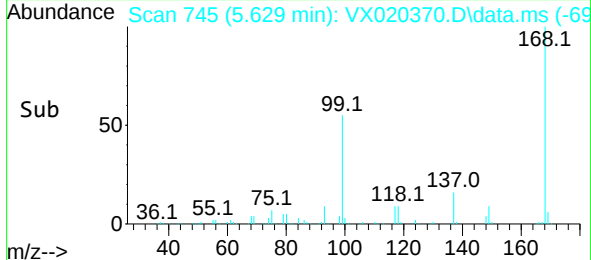
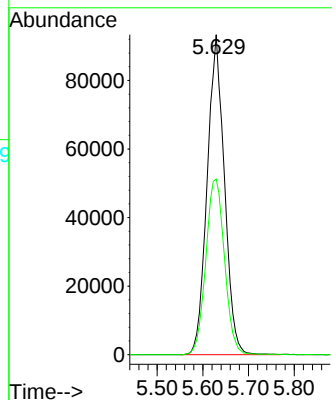
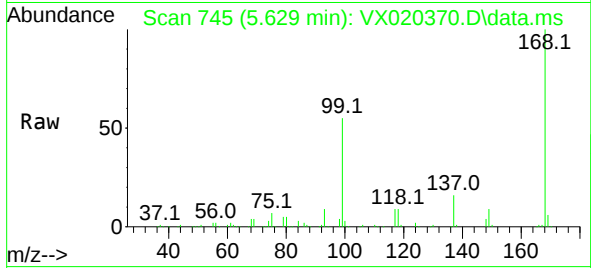
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

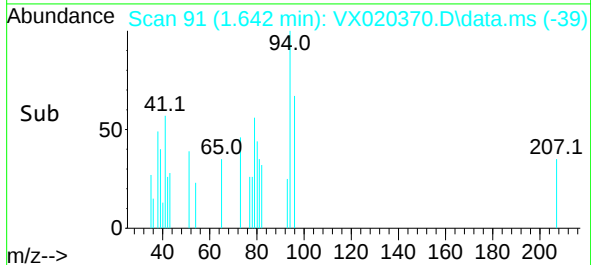
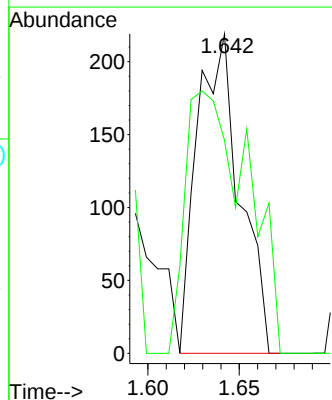
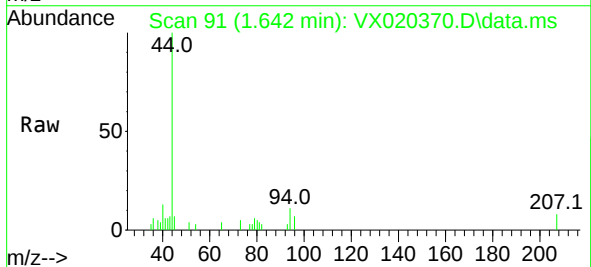
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

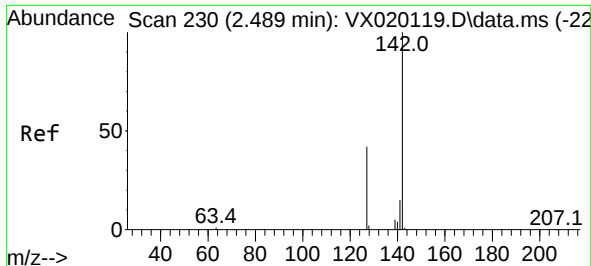
Tgt Ion:168 Resp: 244243
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6



#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

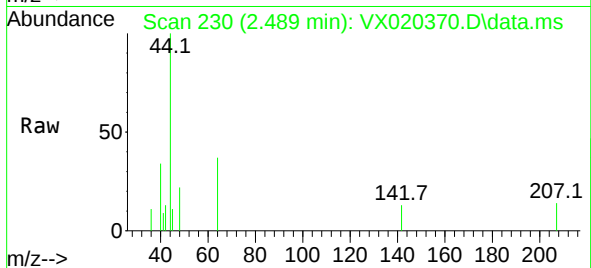
Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 66.7 76.4 114.6#



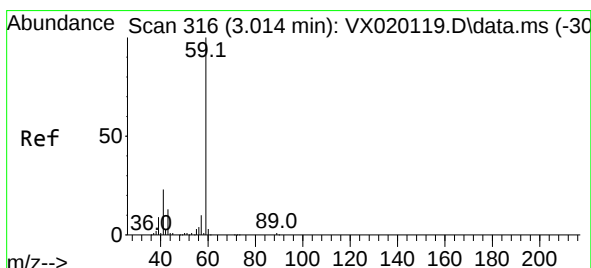
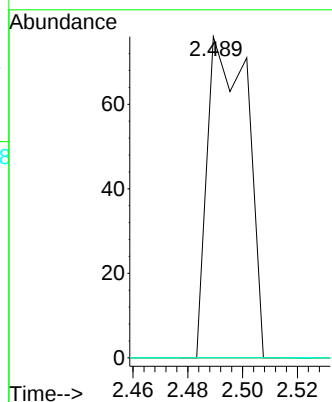
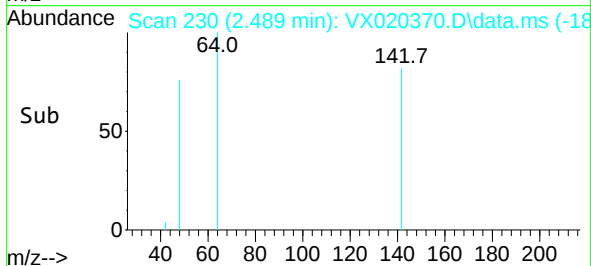


#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

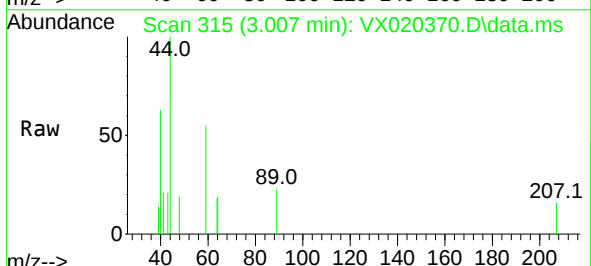
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420



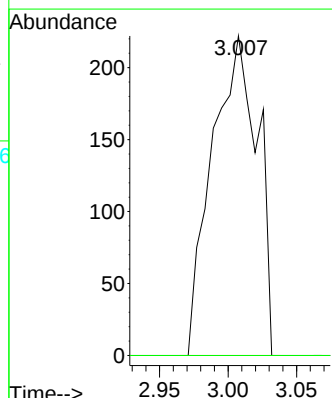
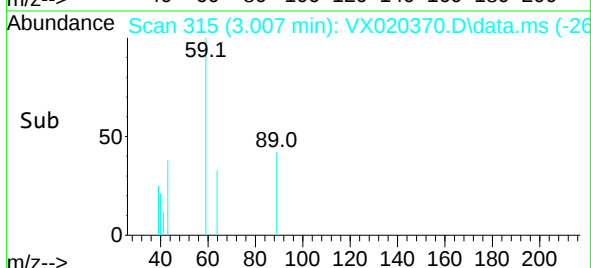
Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

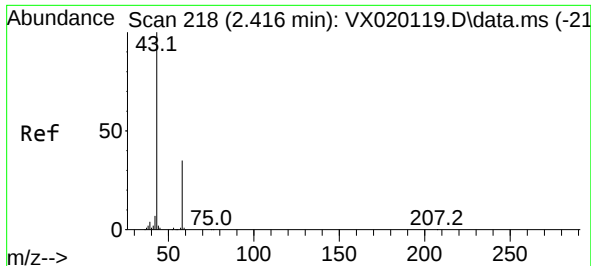


#11
Tert butyl alcohol
Concen: 0.70 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.007 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21



Tgt Ion: 59 Resp: 512
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

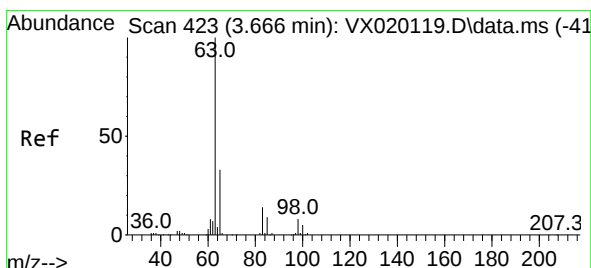
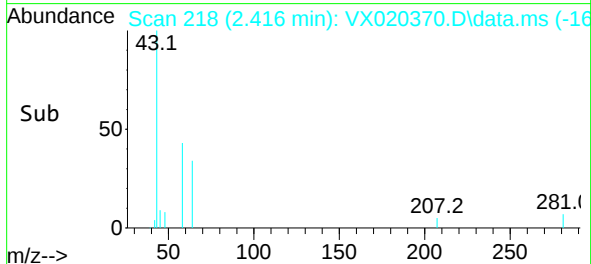
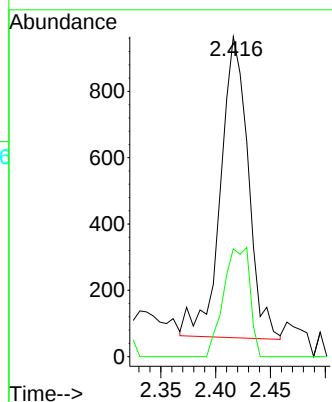
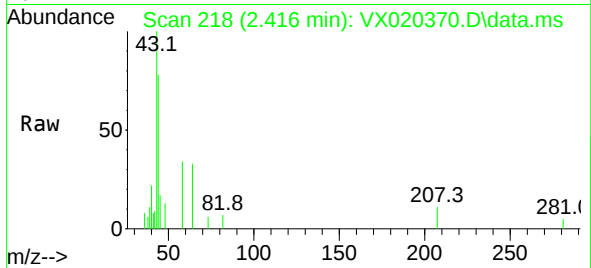




#16
Acetone
Concen: 1.07 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

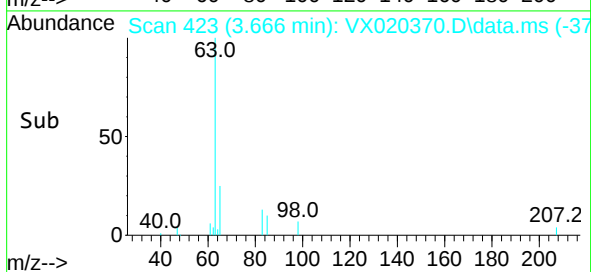
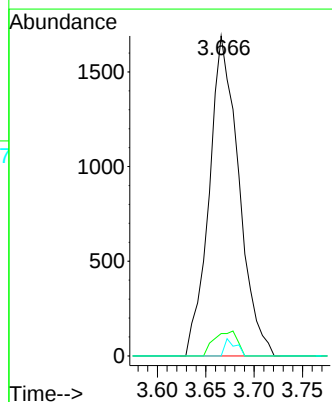
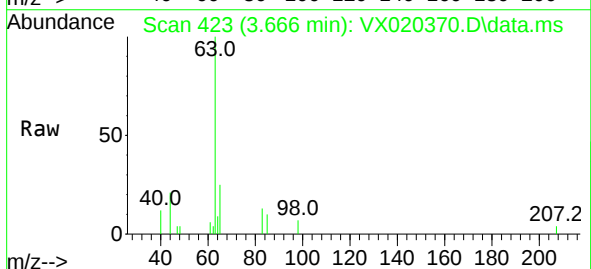
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

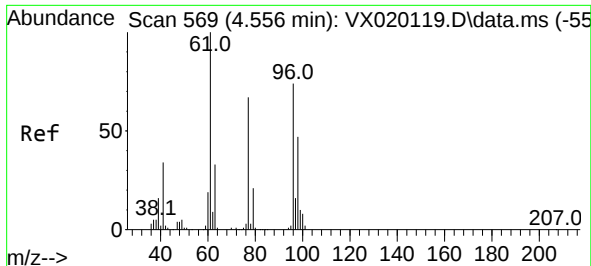
Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 36.0 27.8 41.8



#24
1,1-Dichloroethane
Concen: 0.68 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion: 63 Resp: 3605
Ion Ratio Lower Upper
63 100
98 7.0 3.8 11.2
100 0.0 2.5 7.5#

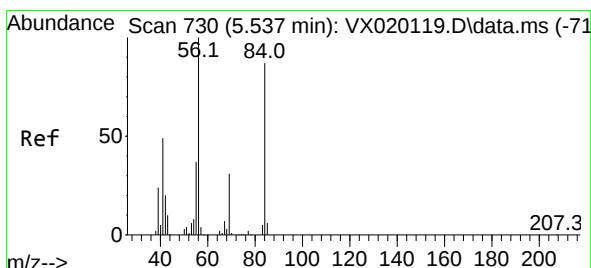
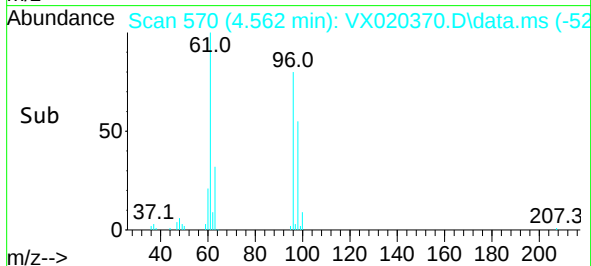
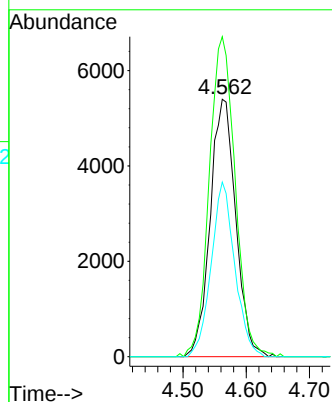
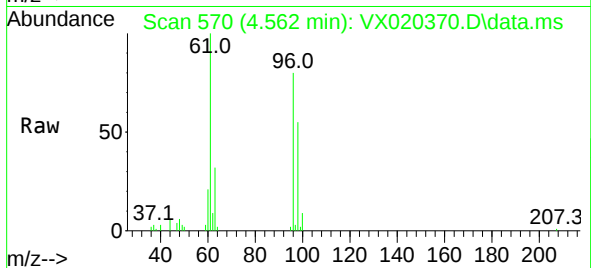




#27
cis-1,2-Dichloroethene
Concen: 4.43 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

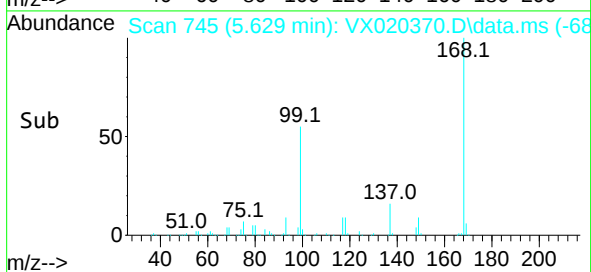
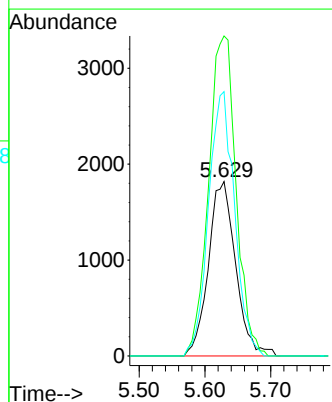
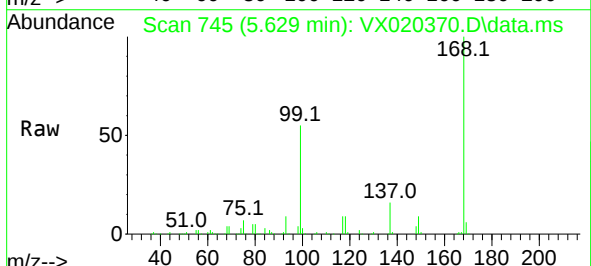
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

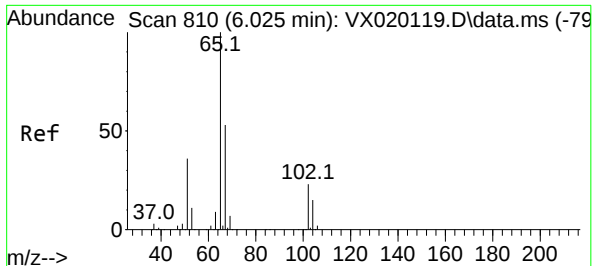
Tgt Ion:	96	Resp:	15134
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	285.6
98	62.7	0.0	129.6



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion:	56	Resp:	5252
Ion	Ratio	Lower	Upper
56	100		
69	183.5	25.3	37.9#
84	151.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.66 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020370.D

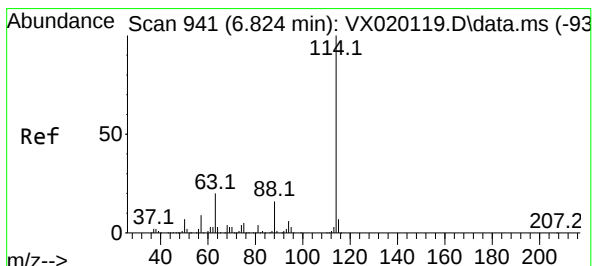
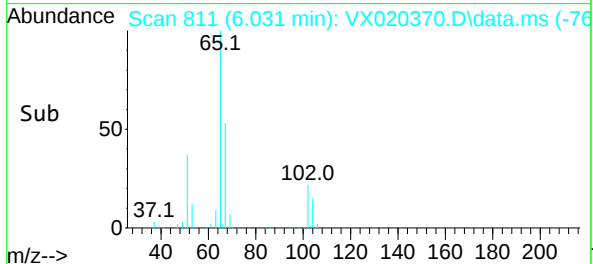
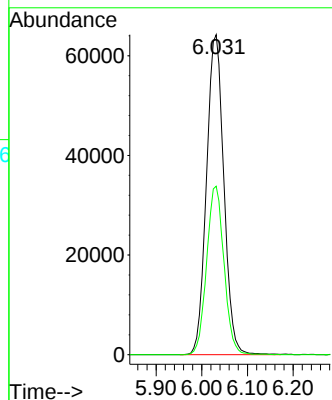
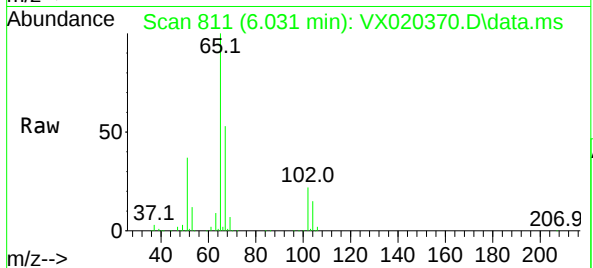
Acq: 24 Dec 2020 04:21

Tgt Ion: 65 Resp: 169124

Ion Ratio Lower Upper

65 100

67 52.6 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: VX020370.D

Acq: 24 Dec 2020 04:21

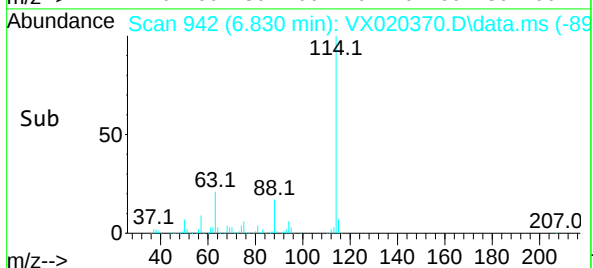
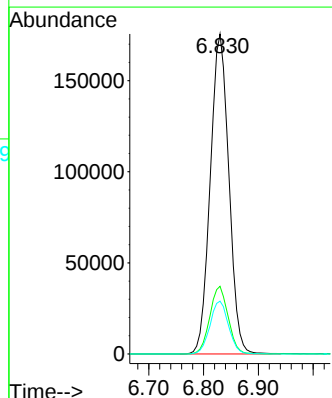
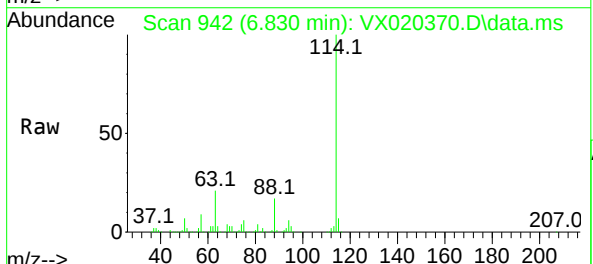
Tgt Ion: 114 Resp: 412900

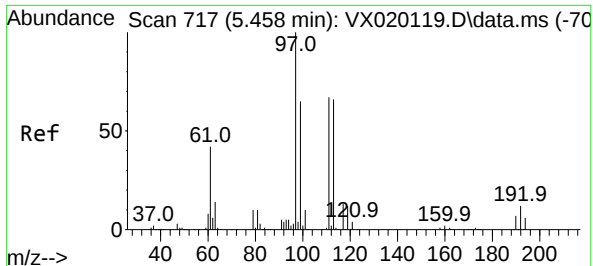
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.17 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020370.D

Acq: 24 Dec 2020 04:21

Tgt Ion:113 Resp: 135150

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

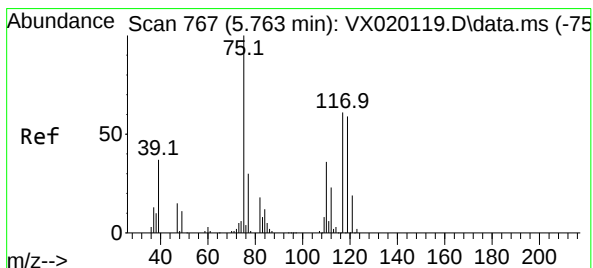
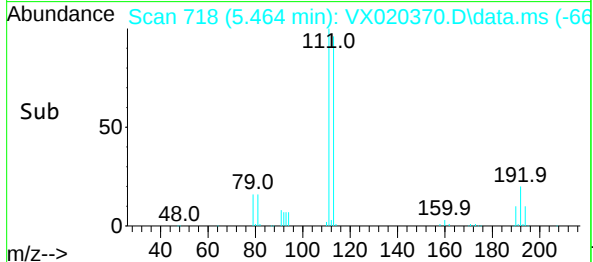
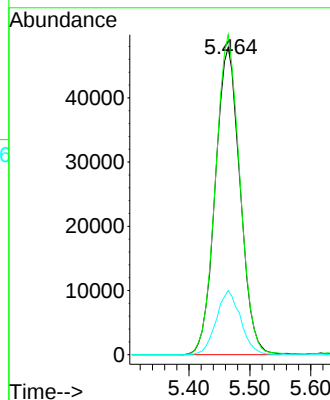
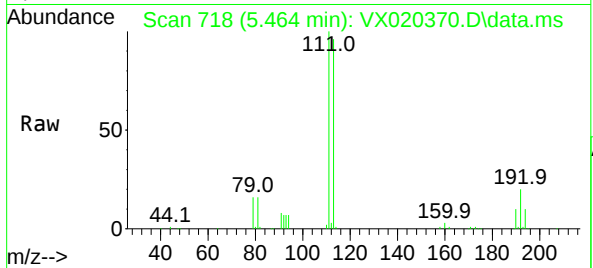
192 20.5 16.7 25.1

Instrument :

MSVOA_X

ClientSampleId :

39-MWE8-121420



#36

1,1-Dichloropropene

Concen: 4.72 ug/l

RT: 5.623 min Scan# 744

Delta R.T. -0.140 min

Lab File: VX020370.D

Acq: 24 Dec 2020 04:21

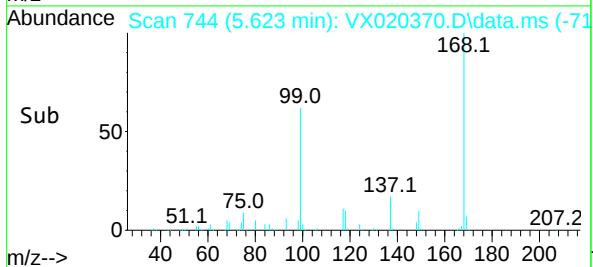
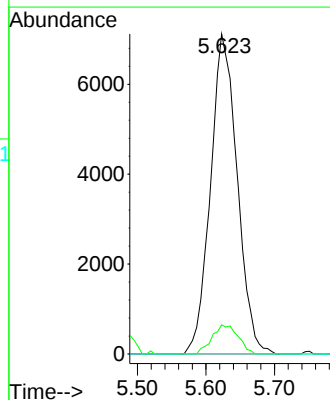
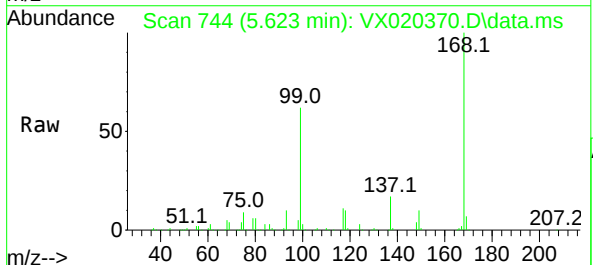
Tgt Ion: 75 Resp: 19266

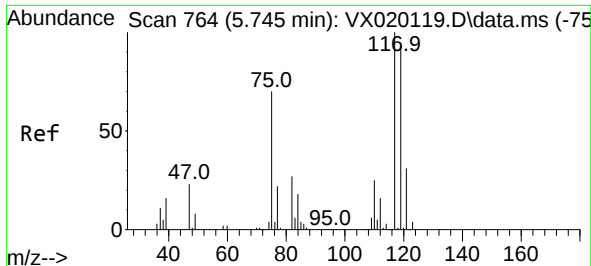
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

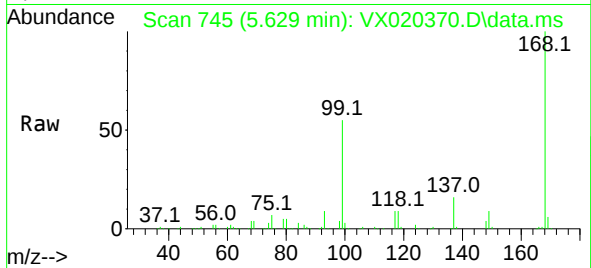
77 0.0 25.3 37.9#



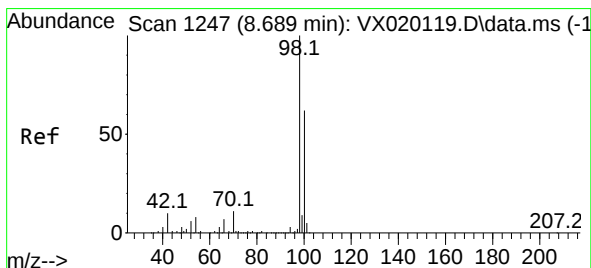
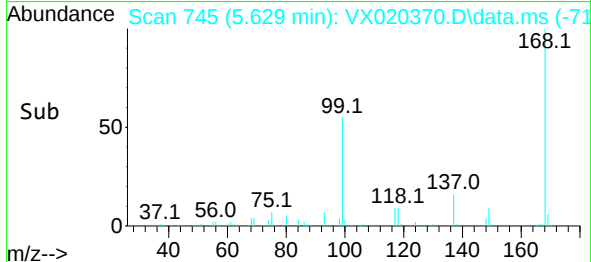
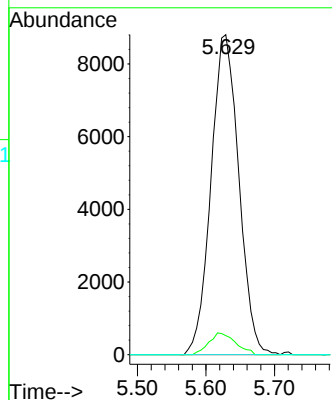


#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

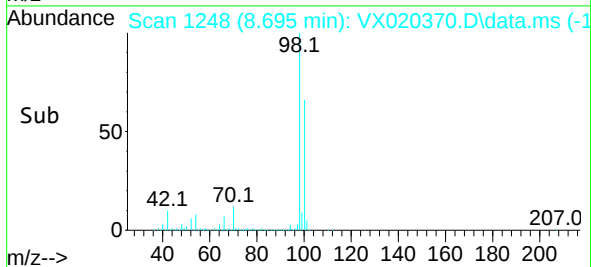
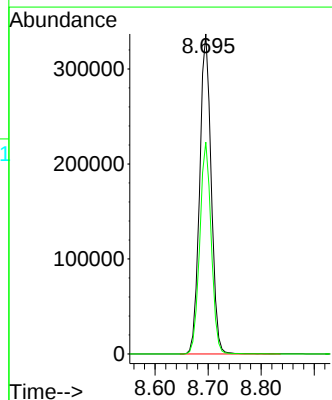
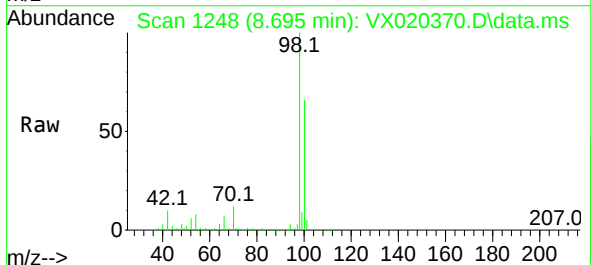


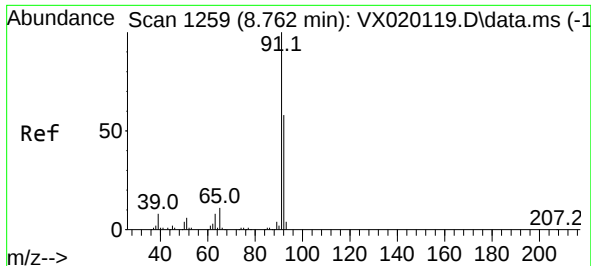
Tgt Ion:117 Resp: 24815
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.07 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion: 98 Resp: 509088
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

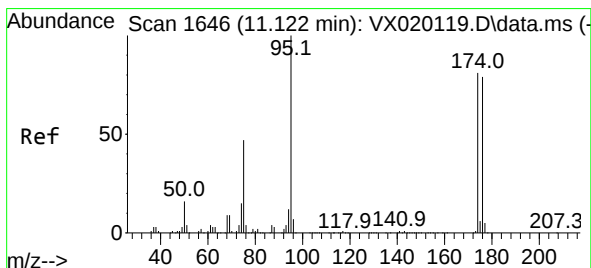
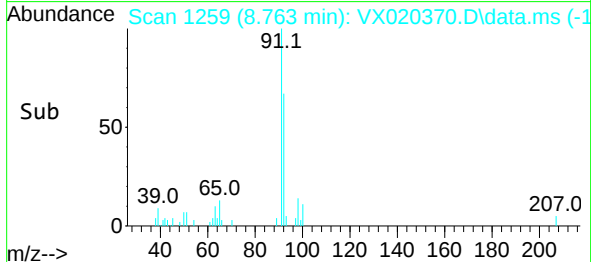
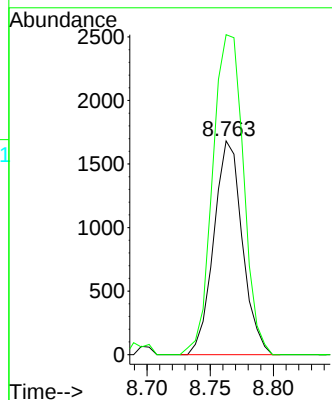
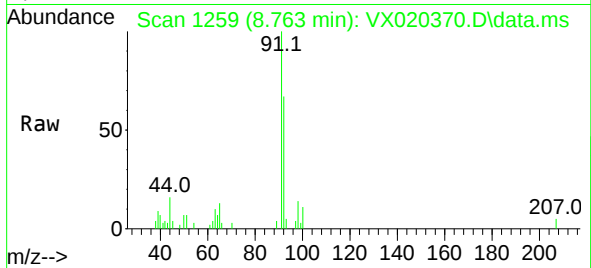




#52
Toluene
Concen: 0.34 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

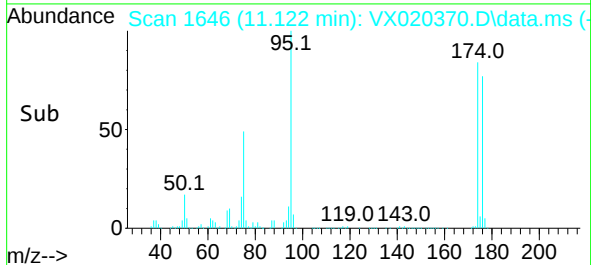
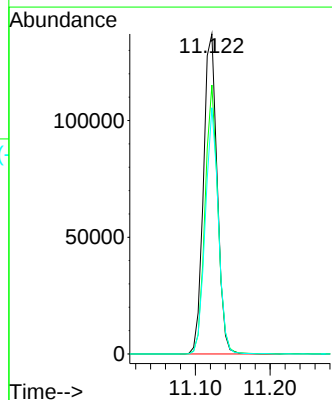
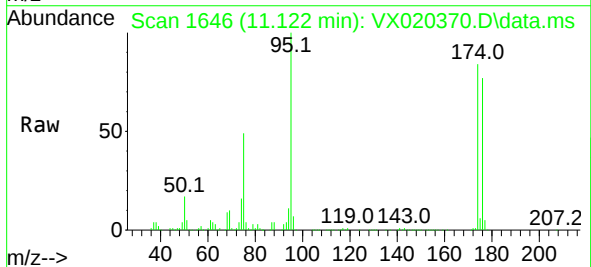
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

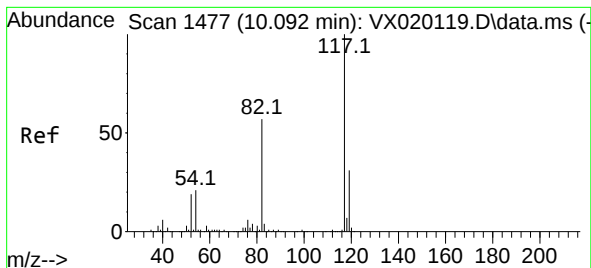
Tgt Ion: 92 Resp: 2640
Ion Ratio Lower Upper
92 100
91 161.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 44.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion: 95 Resp: 174550
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 73.2 0.0 155.8

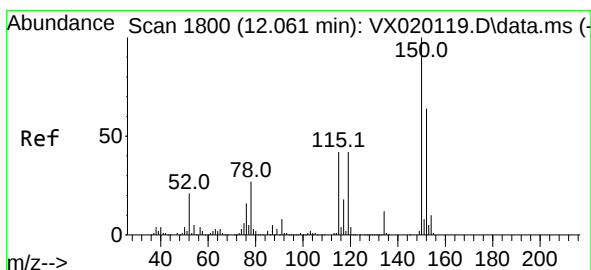
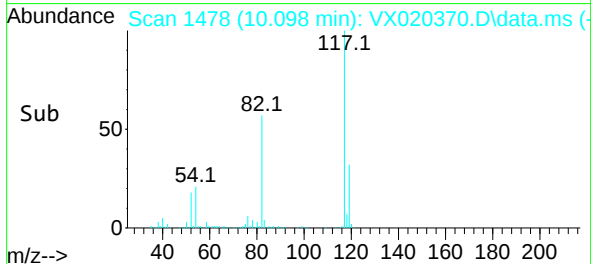
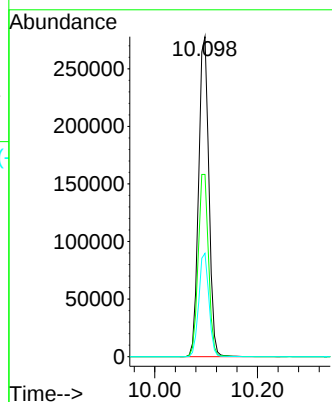
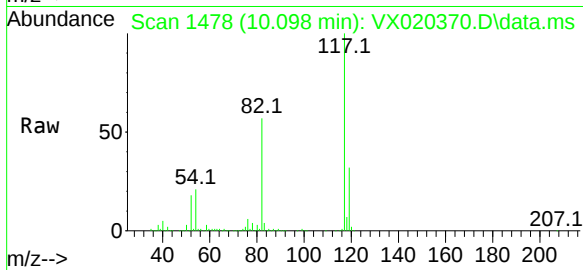




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

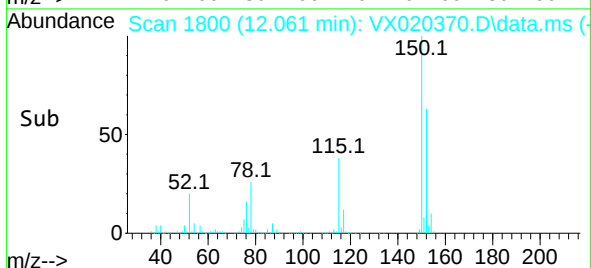
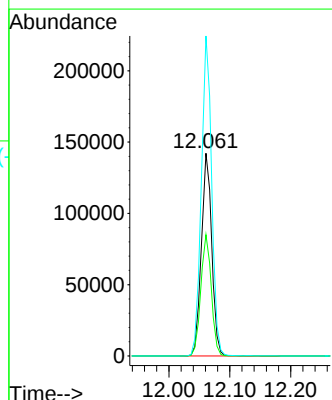
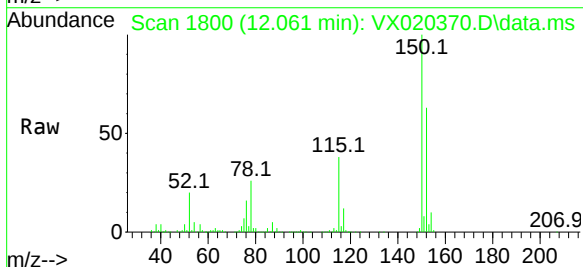
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

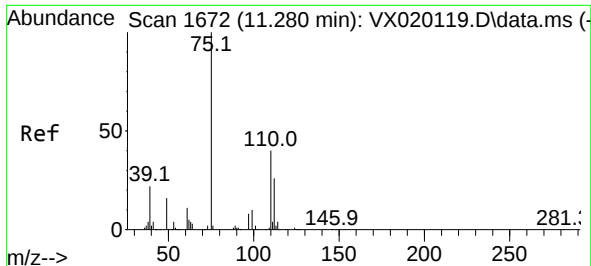
Tgt Ion:117 Resp: 385240
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion:152 Resp: 168688
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 156.9 0.0 349.0

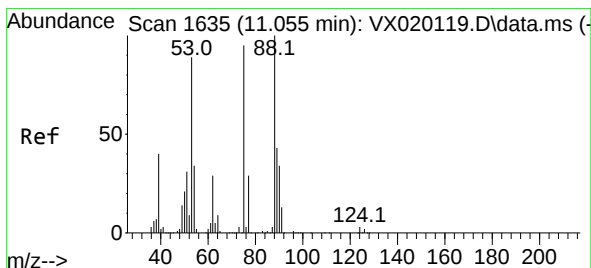
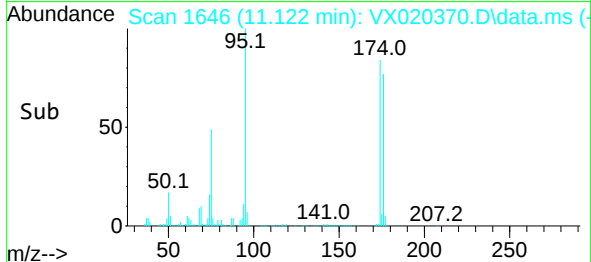
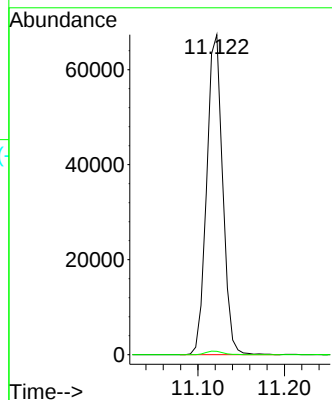
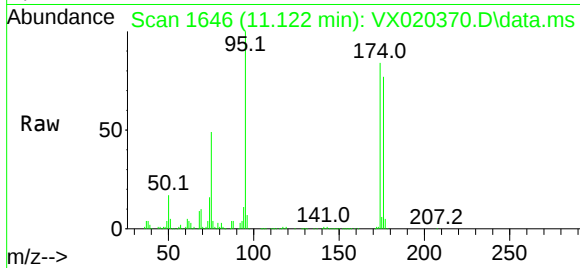




#76
1,2,3-Trichloropropane
Concen: 20.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

Tgt Ion: 75 Resp: 86090
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020370.D
Acq: 24 Dec 2020 04:21

Tgt Ion: 75 Resp: 86090
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#

