

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
 Data File : VX016670.D
 Acq On : 10 Jun 2020 13:30
 Operator : JC/SP
 Sample : L2962-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

Quant Time: Jun 11 03:00:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	346302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185773	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	129375	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
35) Dibromofluoromethane	5.46	113	105476	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	8.70	98	426588	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.12	95	173498	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	

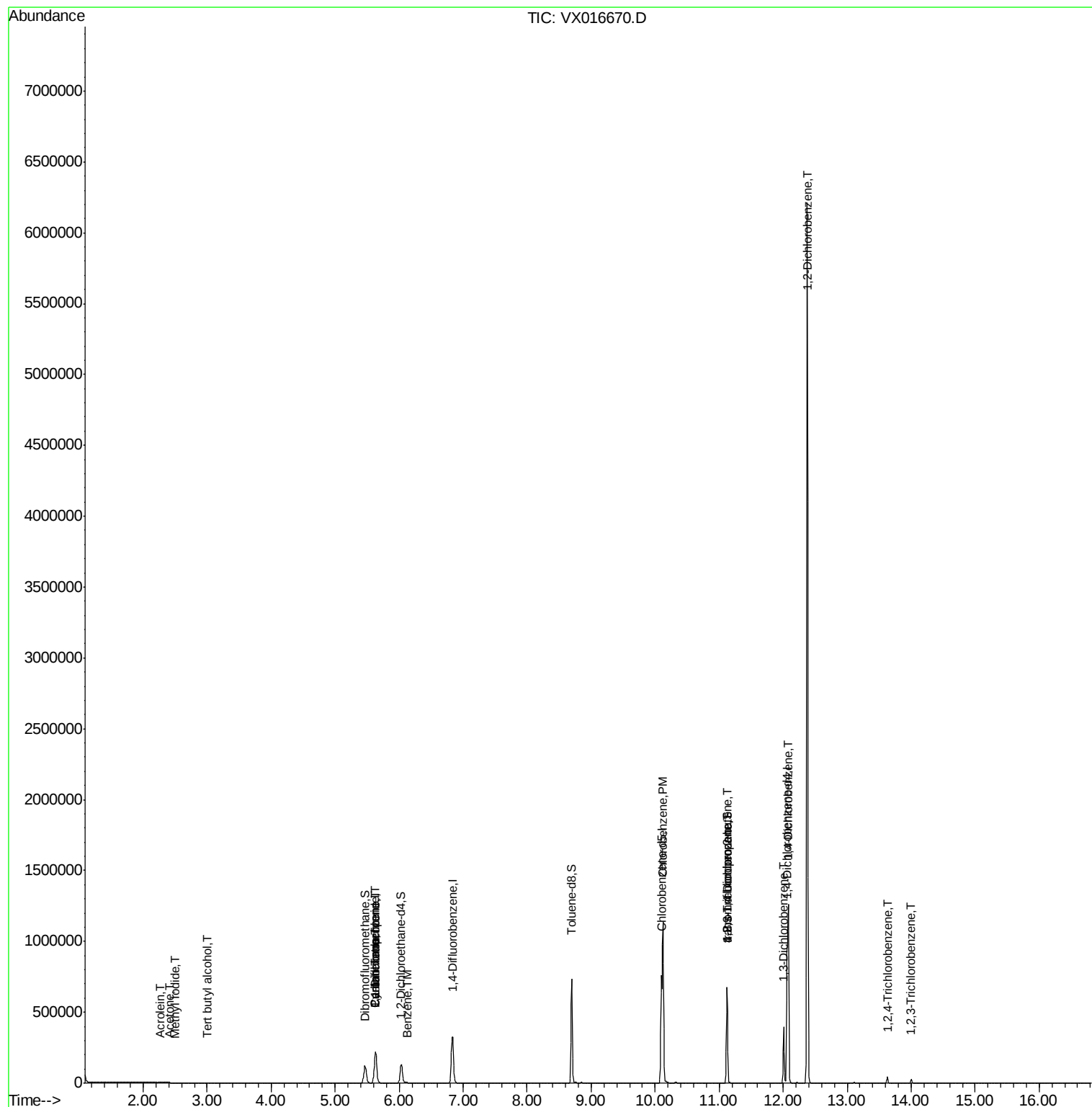
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	241	3.15	ug/l #	40
11) Tert butyl alcohol	3.00	59	842	1.20	ug/l #	81
13) Acrolein	2.27	56	334	1.12	ug/l #	1
16) Acetone	2.42	43	1709	1.43	ug/l #	86
31) Cyclohexane	5.62	56	3977	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	14961	4.56	ug/l #	51
38) Carbon Tetrachloride	5.63	117	21264	6.17	ug/l #	16
40) Benzene	6.12	78	3281	0.34	ug/l	93
65) Chlorobenzene	10.12	112	491598	69.29	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	84124	20.60	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	84124	50.68	ug/l #	14
87) 1,3-Dichlorobenzene	12.01	146	137471	23.50	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	386333	64.58	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	2012302	355.11	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	10436	2.77	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	6267	1.70	ug/l	97

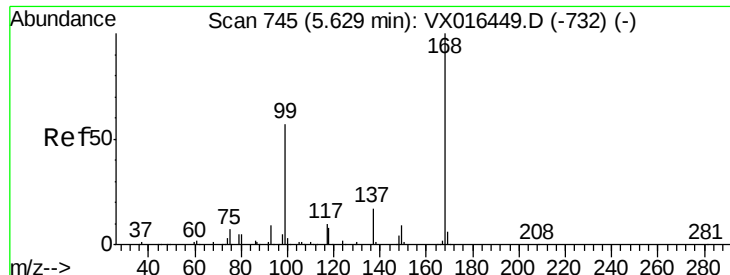
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
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Quant Time: Jun 11 03:00:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

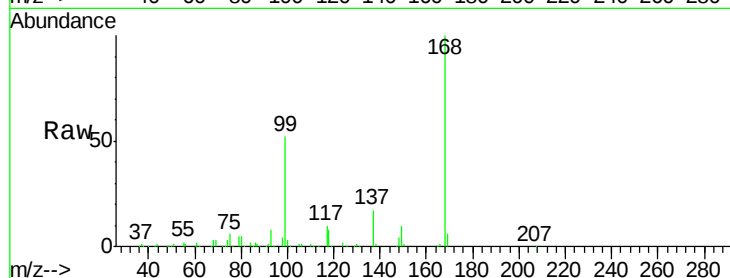
SS003RW114R-200609

Tgt Ion:168 Resp: 220298

Ion Ratio Lower Upper

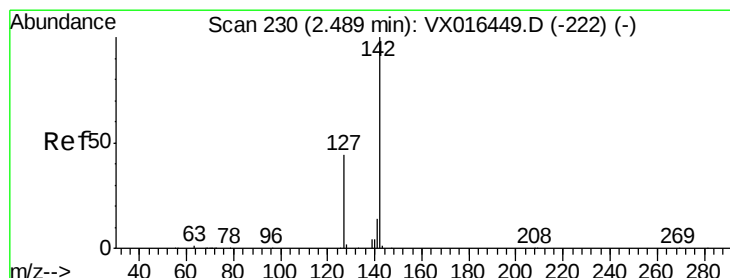
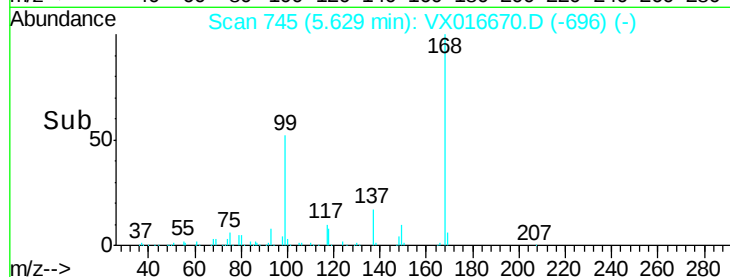
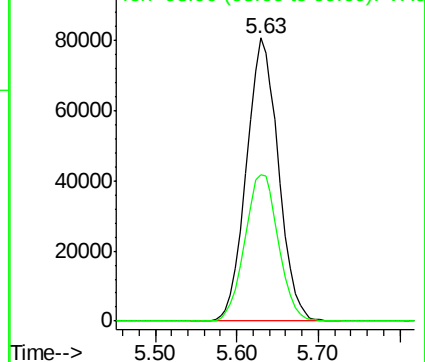
168 100

99 51.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 3.15 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

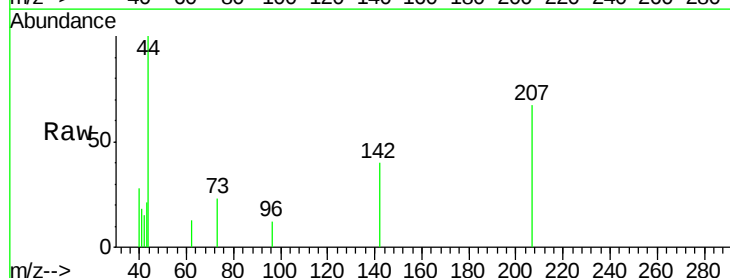
Tgt Ion:142 Resp: 241

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

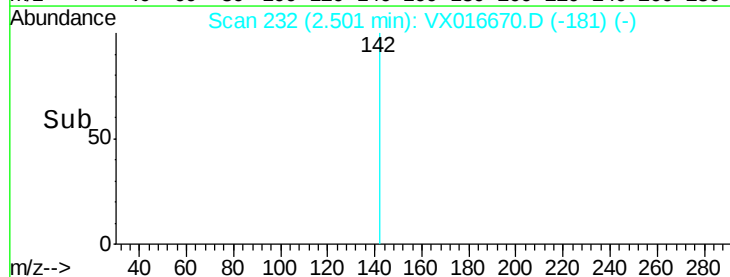
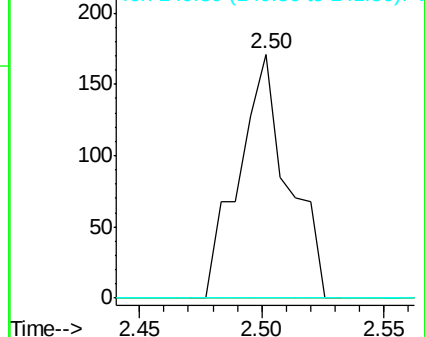
141 0.0 11.4 17.2#

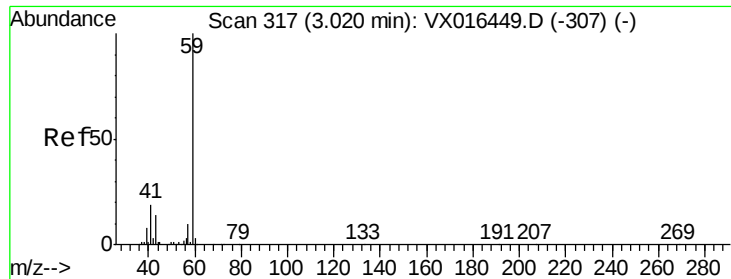


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

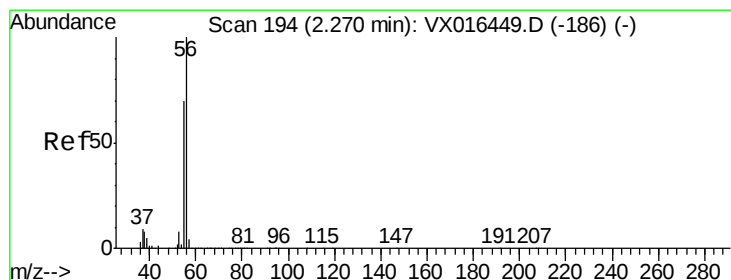
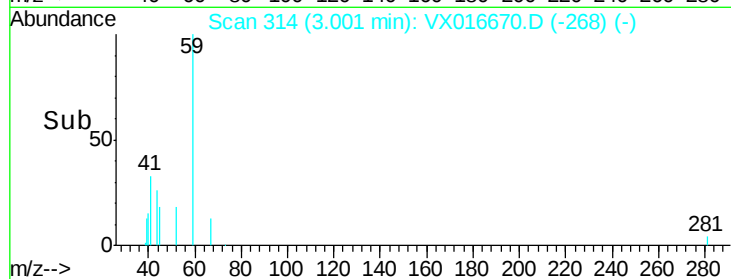
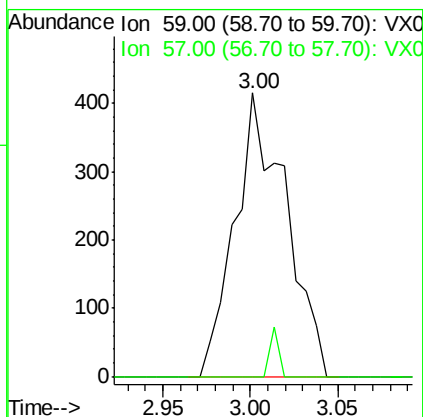
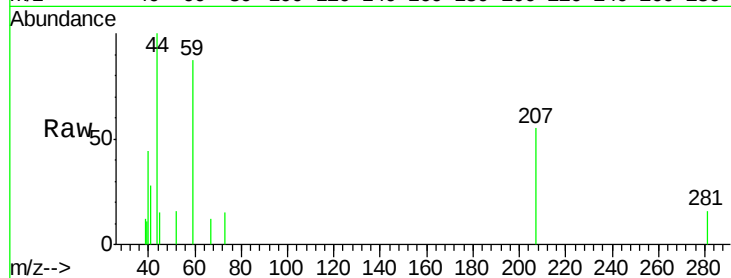




#11
Tert butyl alcohol
Concen: 1.20 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

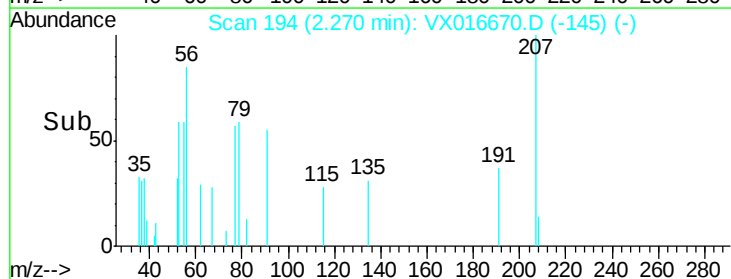
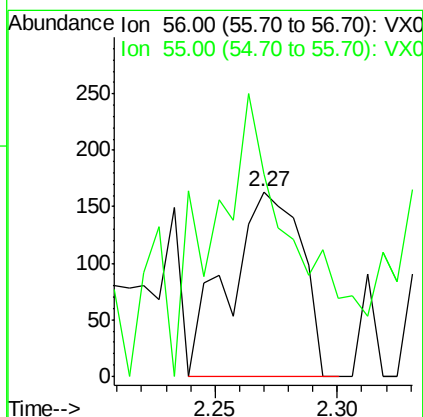
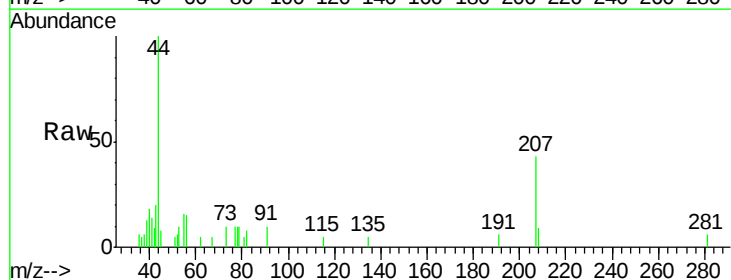
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609

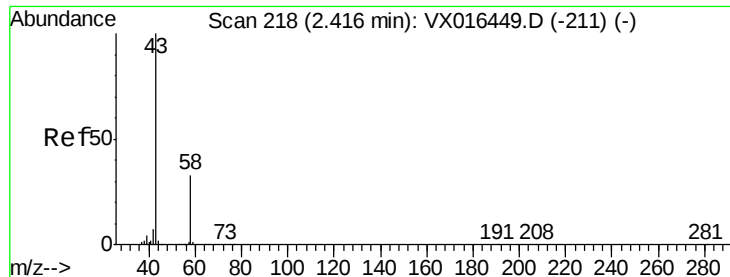
Tgt Ion: 59 Resp: 842
Ion Ratio Lower Upper
59 100
57 3.2 8.2 12.4#



#13
Acrolein
Concen: 1.12 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

Tgt Ion: 56 Resp: 334
Ion Ratio Lower Upper
56 100
55 177.5 58.3 87.5#

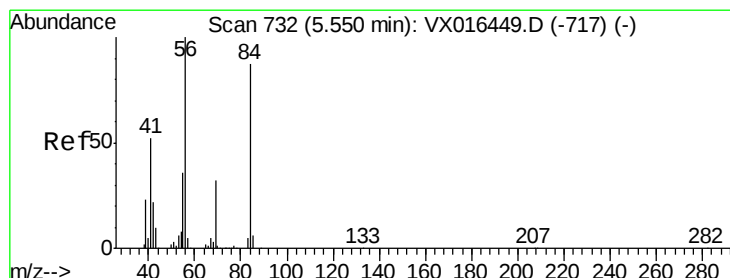
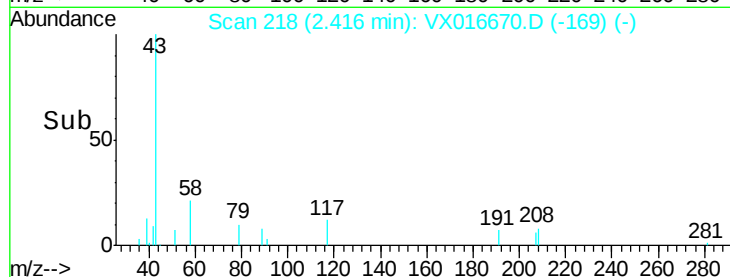
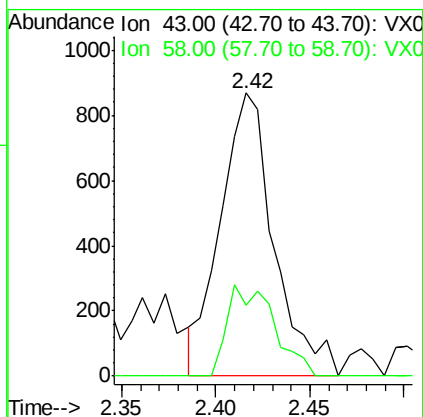
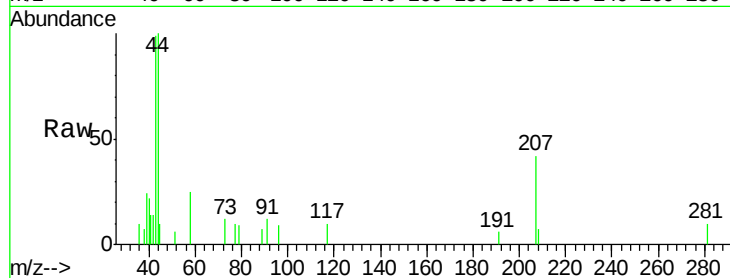




#16
Acetone
Concen: 1.43 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

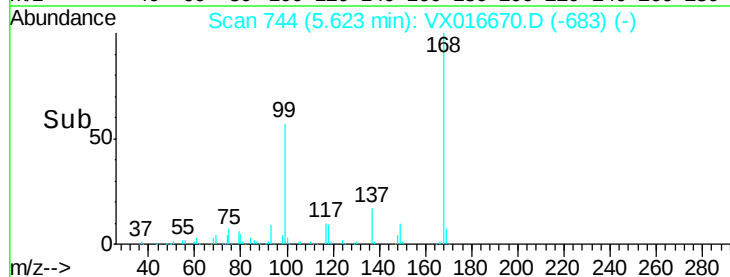
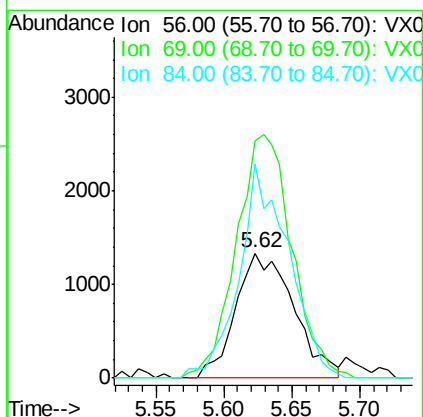
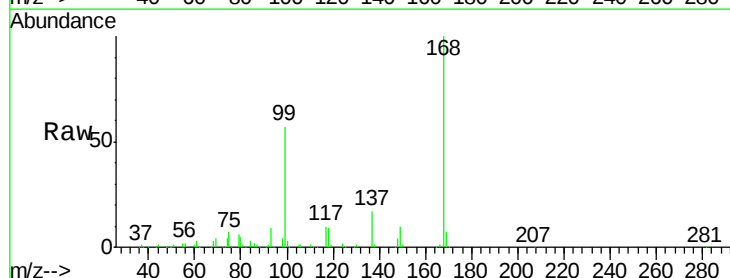
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609

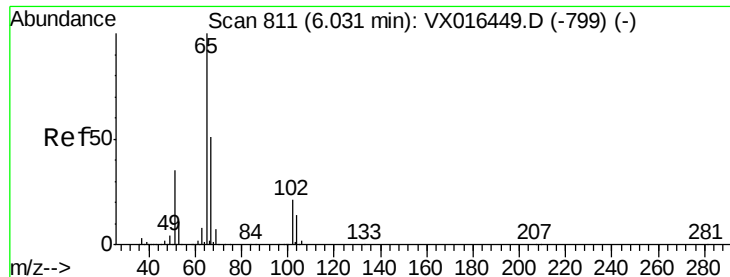
Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 24.9 26.1 39.1#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

Tgt Ion: 56 Resp: 3977
Ion Ratio Lower Upper
56 100
69 184.8 25.7 38.5#
84 167.2 70.0 105.0#

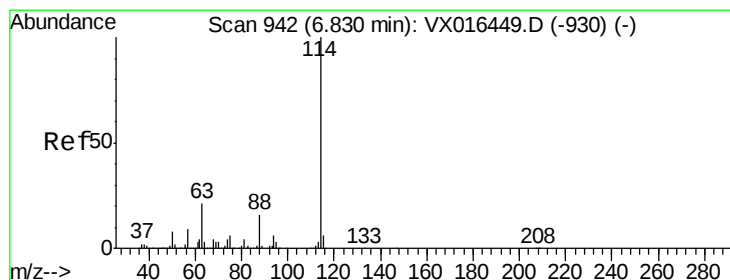
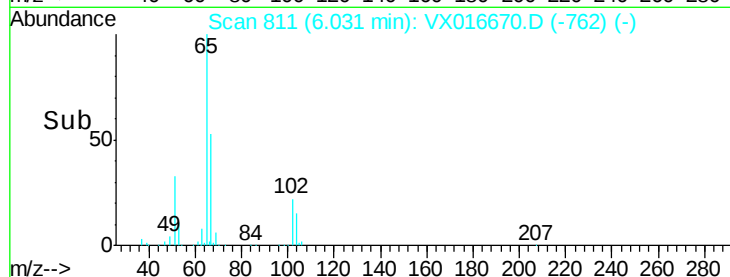
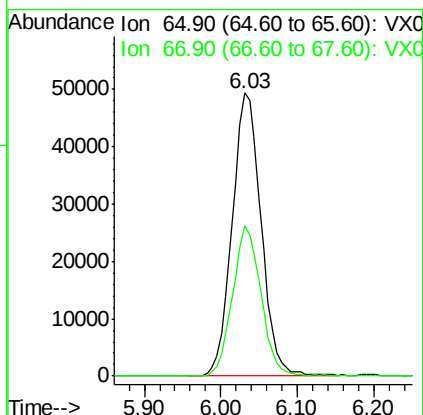
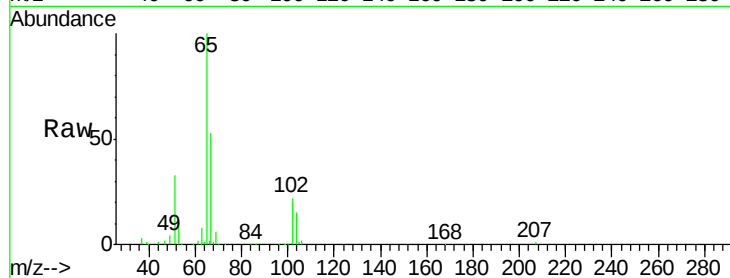




#33
 1,2-Dichloroethane-d4
 Concen: 47.29 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

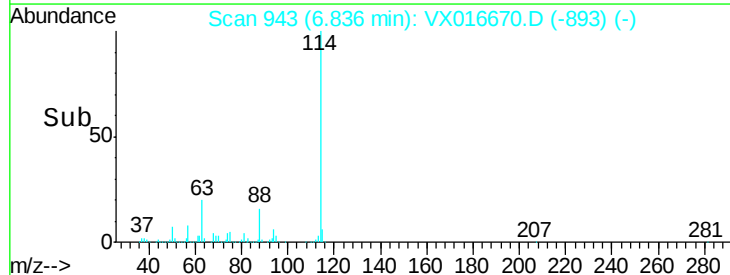
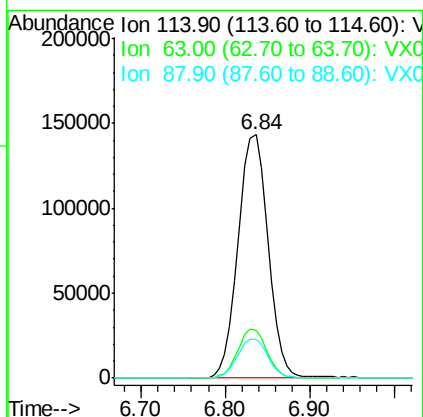
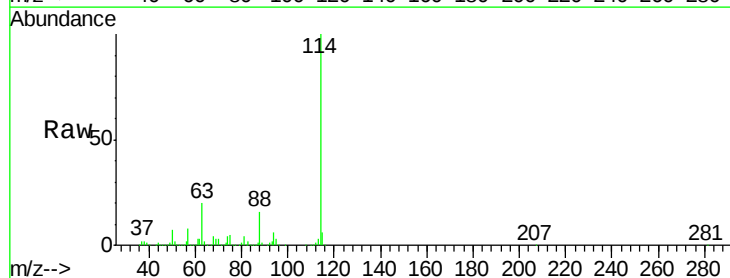
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

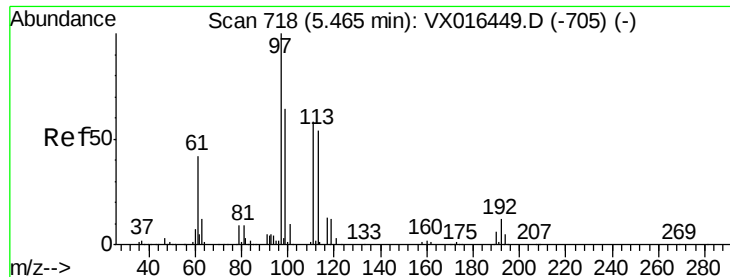
Tgt Ion: 65 Resp: 129375
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

Tgt Ion: 114 Resp: 346302
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.6
 88 16.0 0.0 32.8

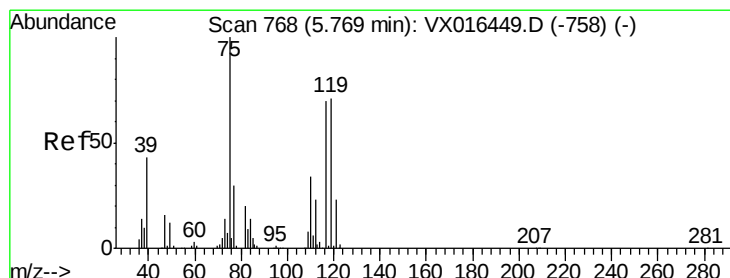
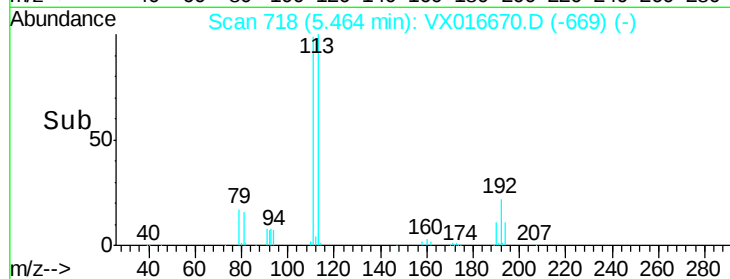
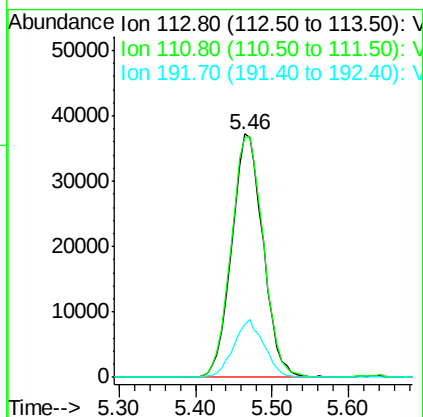
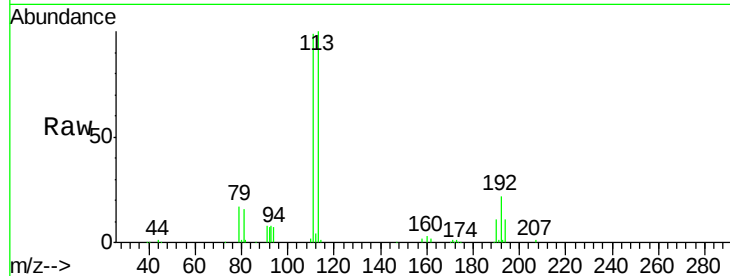




#35
 Dibromofluoromethane
 Concen: 49.46 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

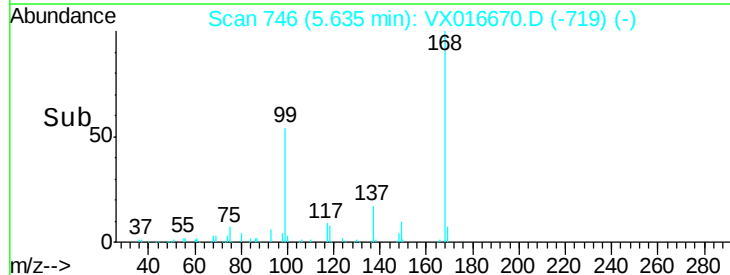
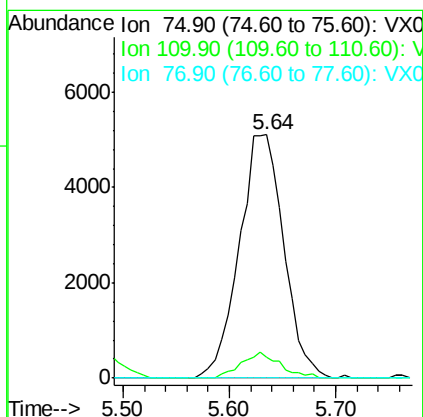
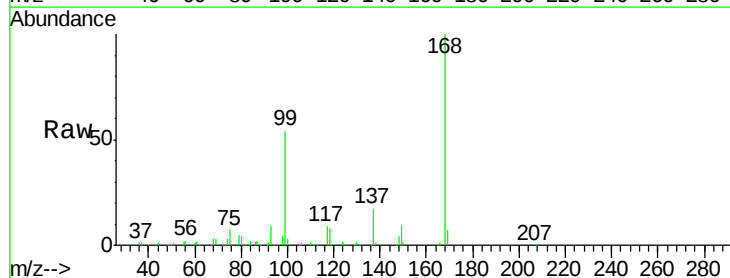
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

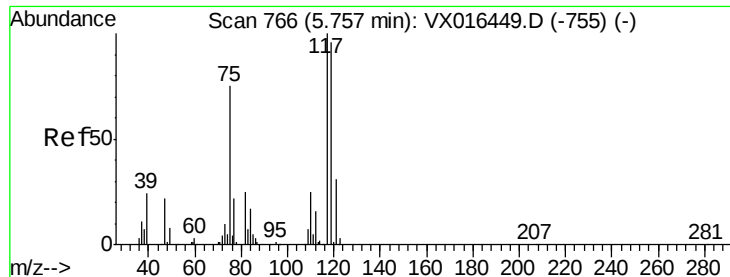
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.6
192	22.9	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 4.56 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.4	52.3#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 6.17 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609

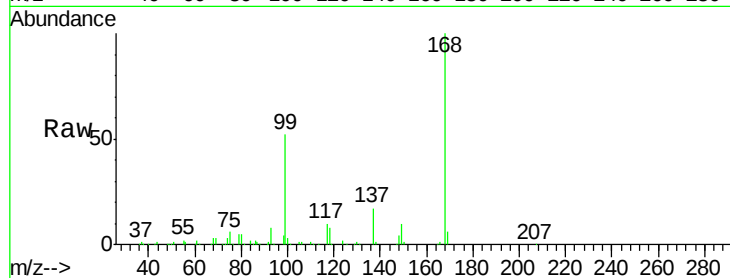
Tgt Ion:117 Resp: 21264

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

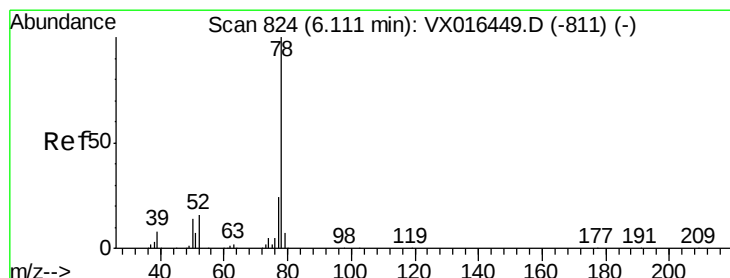
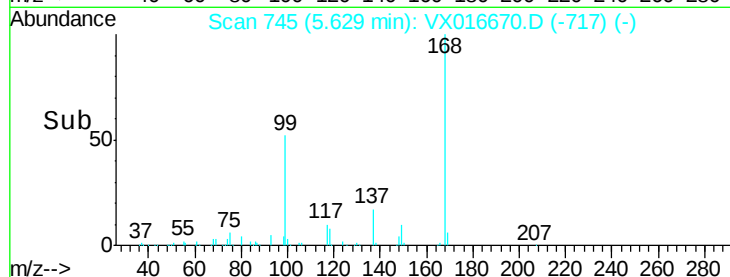
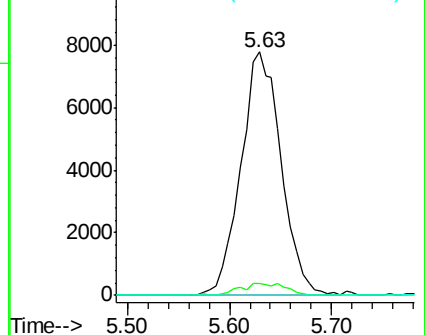
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.34 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX016670.D

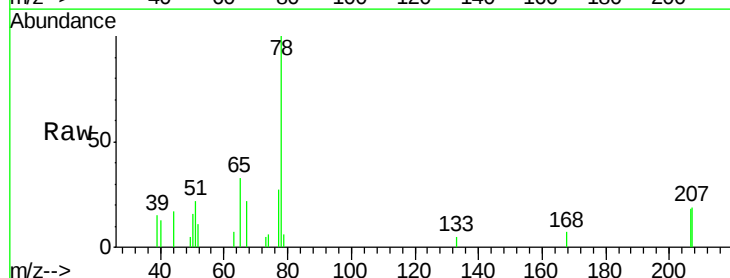
Acq: 10 Jun 2020 13:30

Tgt Ion: 78 Resp: 3281

Ion Ratio Lower Upper

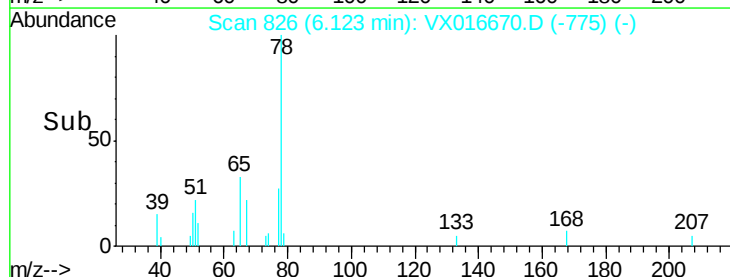
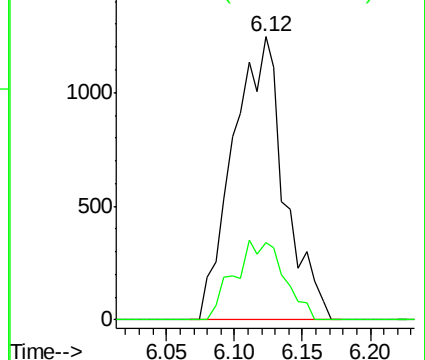
78 100

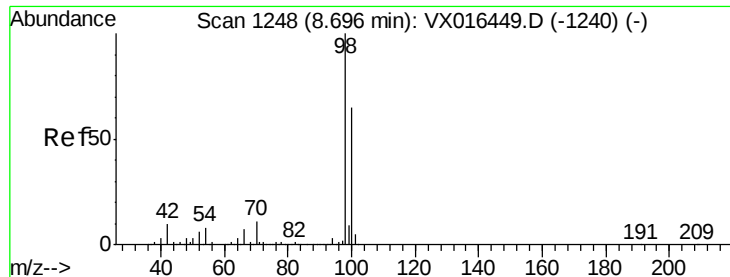
77 27.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 51.40 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

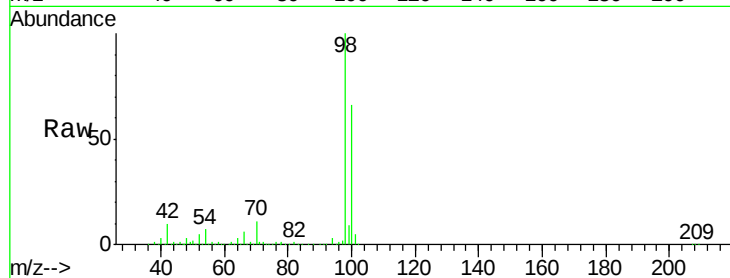
SS003RW114R-200609

Tgt Ion: 98 Resp: 426588

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

300000

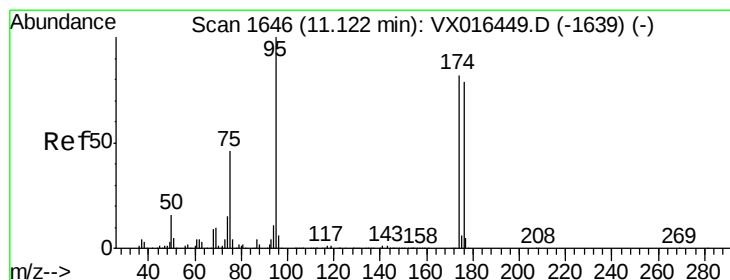
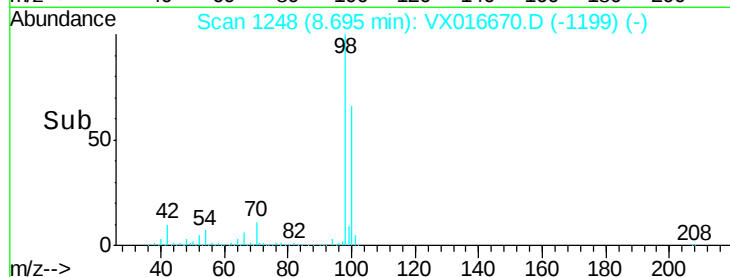
200000

100000

0

Time-->

8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 54.10 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

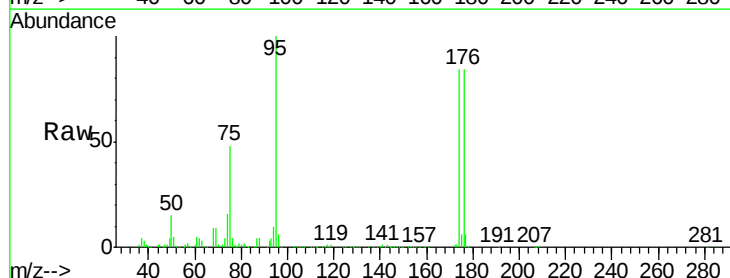
Tgt Ion: 95 Resp: 173498

Ion Ratio Lower Upper

95 100

174 87.4 0.0 163.0

176 83.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

150000

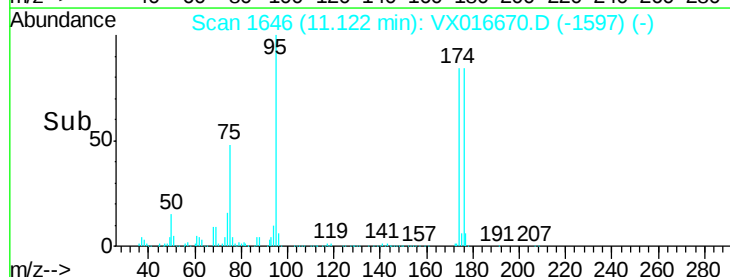
100000

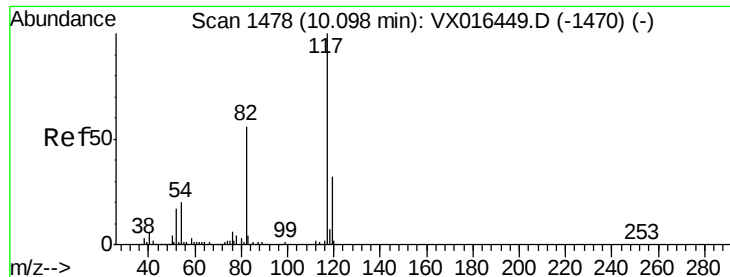
50000

0

Time-->

11.10 11.20

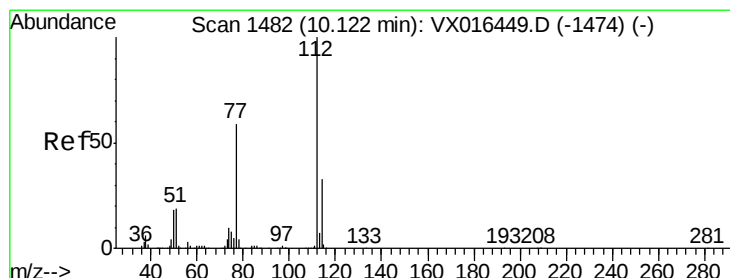
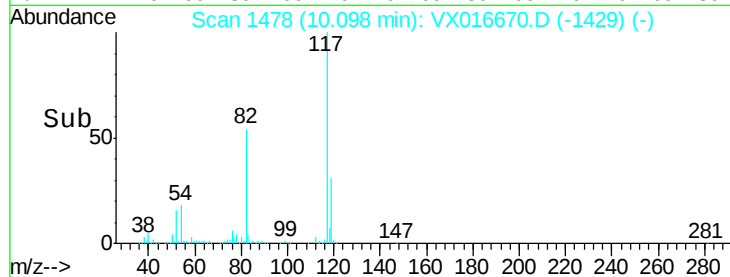
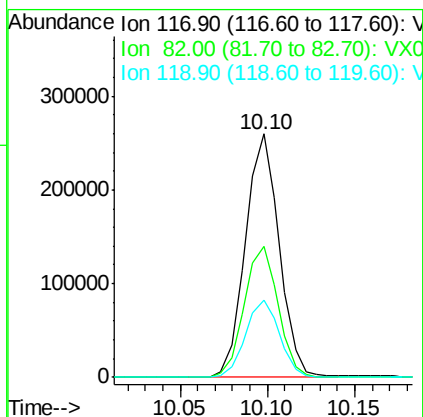
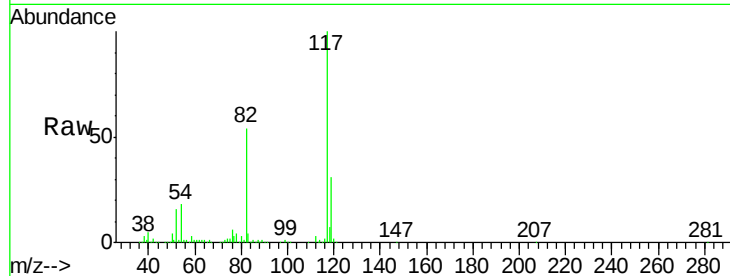




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

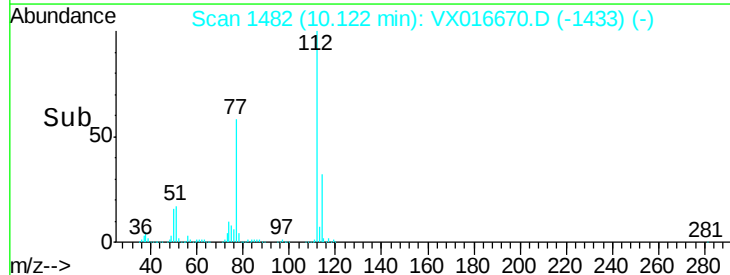
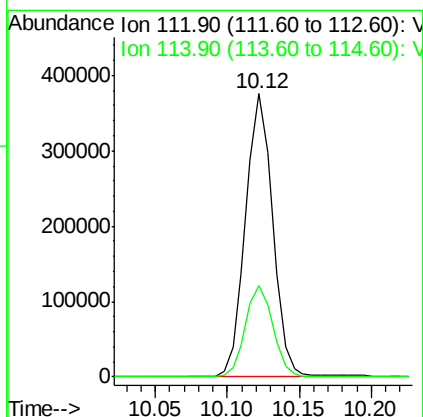
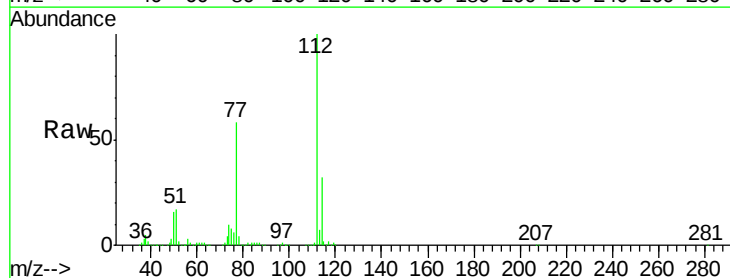
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609

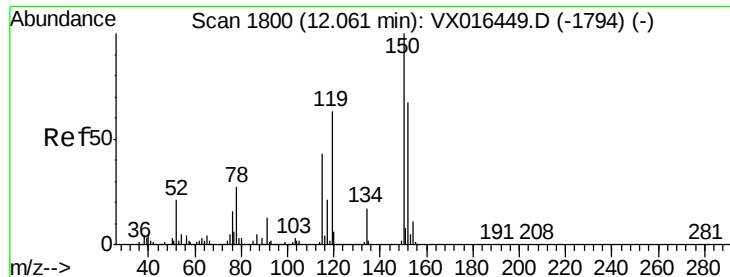
Tgt Ion:117 Resp: 348001
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.6
119 31.5 25.8 38.8



#65
Chlorobenzene
Concen: 69.29 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016670.D
Acq: 10 Jun 2020 13:30

Tgt Ion:112 Resp: 491598
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609

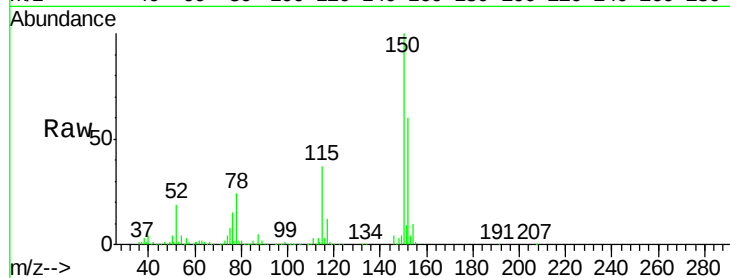
Tgt Ion: 152 Resp: 185773

Ion Ratio Lower Upper

152 100

115 58.3 39.9 119.6

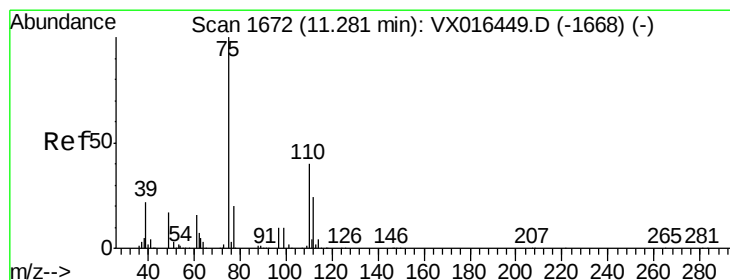
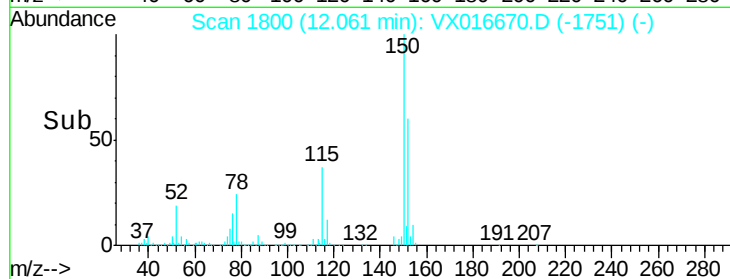
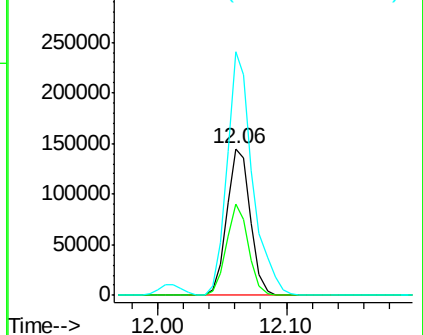
150 179.2 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 20.60 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016670.D

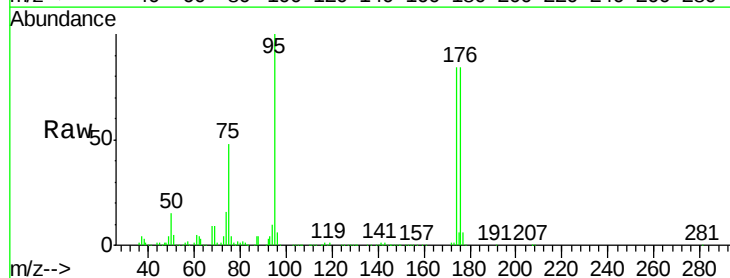
Acq: 10 Jun 2020 13:30

Tgt Ion: 75 Resp: 84124

Ion Ratio Lower Upper

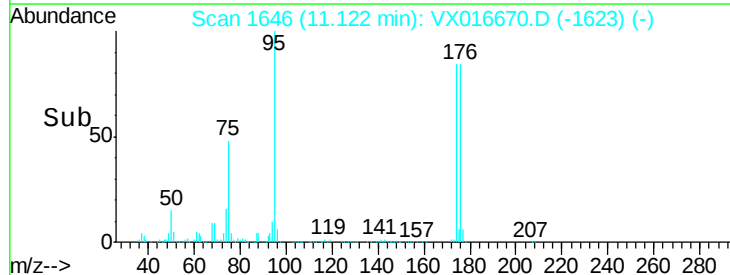
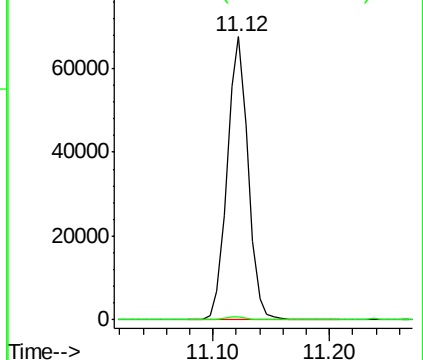
75 100

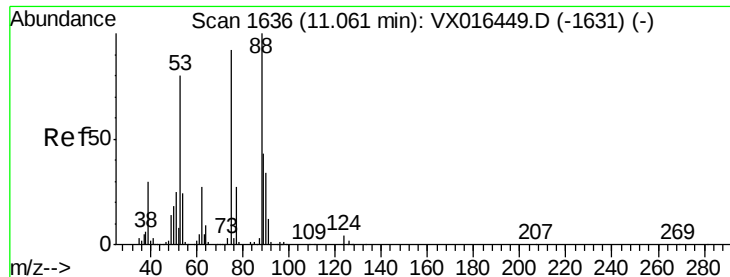
77 1.3 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.68 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609

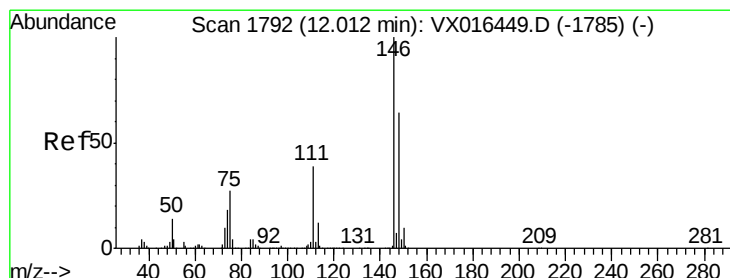
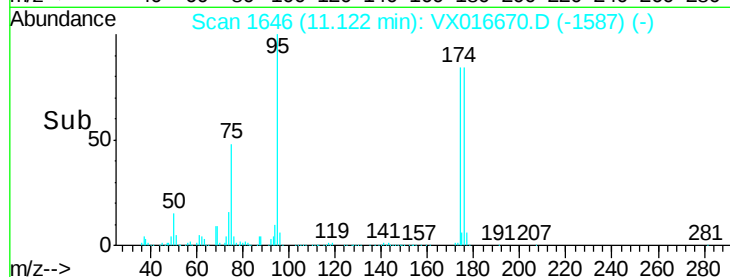
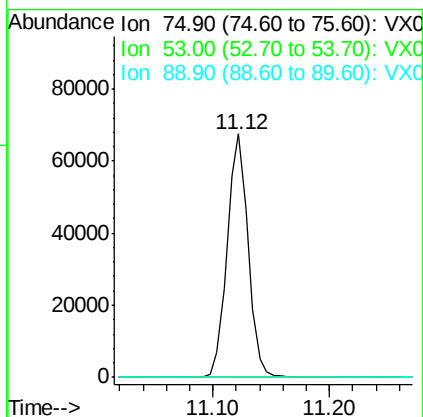
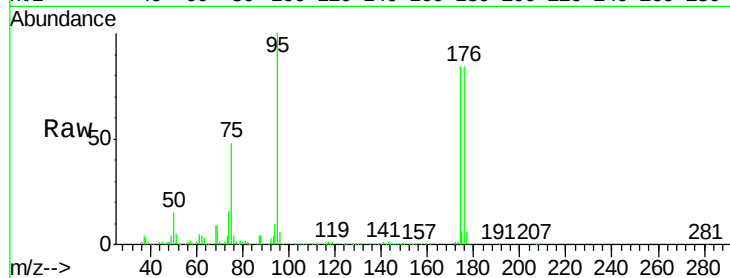
Tgt Ion: 75 Resp: 84124

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#



#87

1,3-Dichlorobenzene

Concen: 23.50 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016670.D

Acq: 10 Jun 2020 13:30

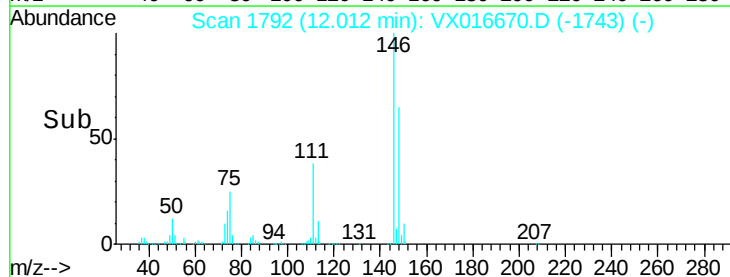
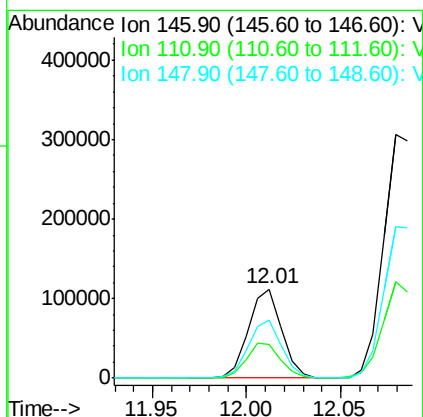
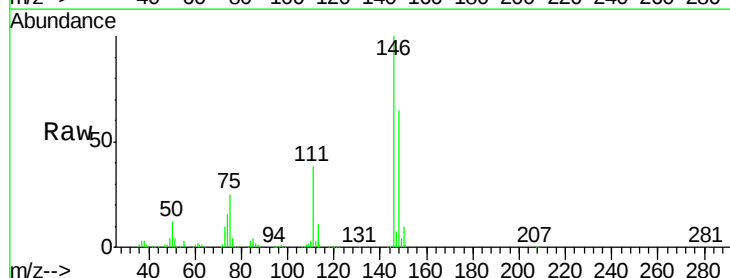
Tgt Ion: 146 Resp: 137471

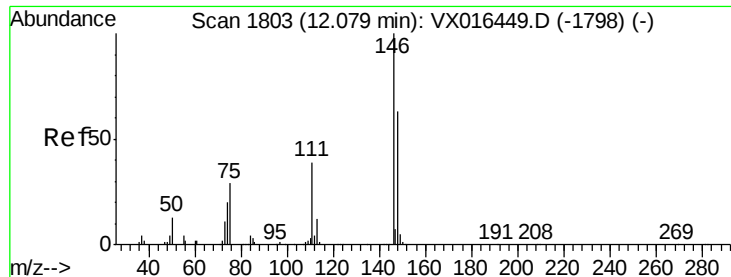
Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

148 65.0 31.9 95.5

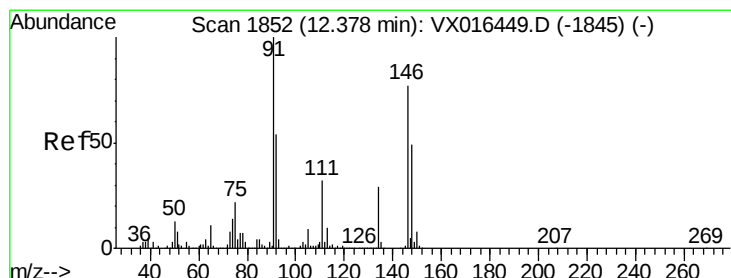
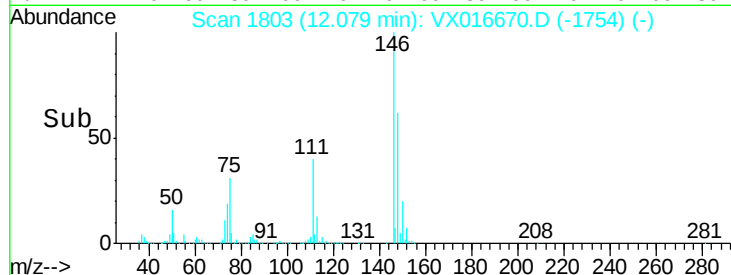
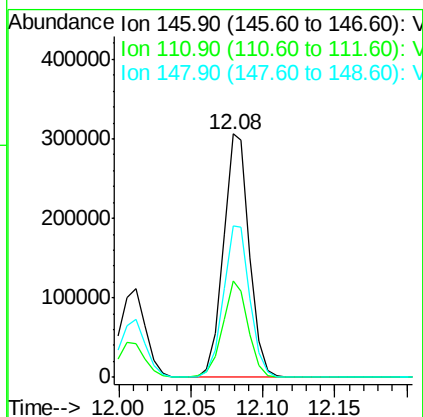
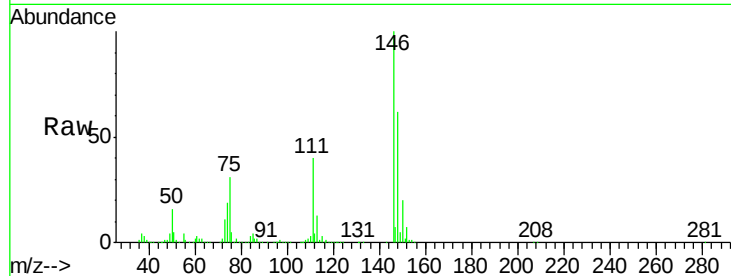




#88
 1,4-Dichlorobenzene
 Concen: 64.58 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

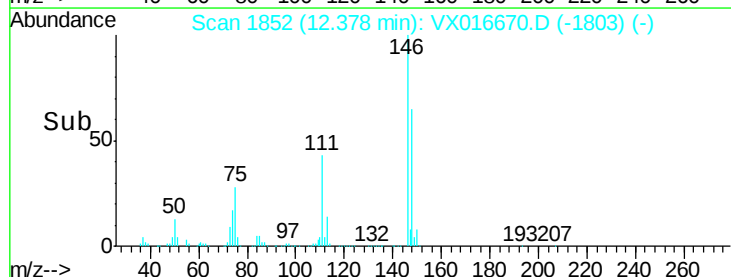
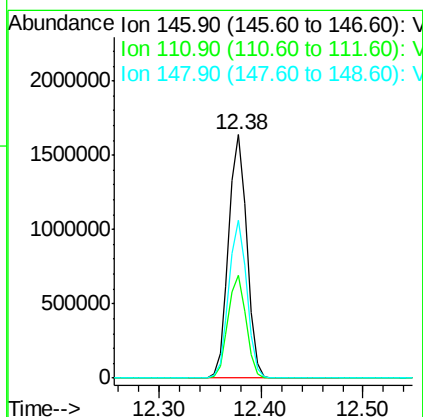
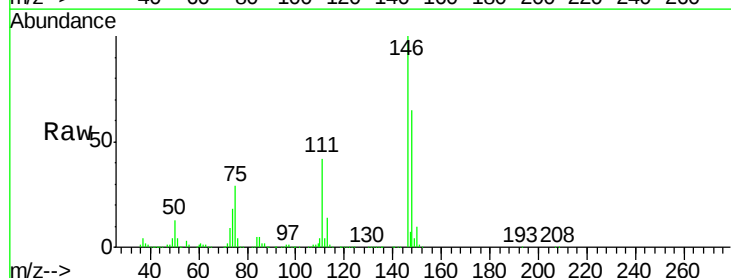
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

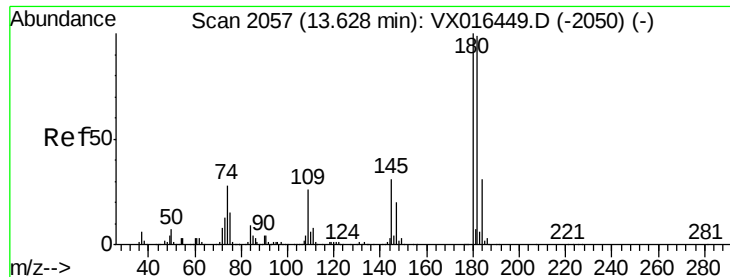
Tgt Ion:146 Resp: 386333
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 63.7 31.4 94.3



#91
 1,2-Dichlorobenzene
 Concen: 355.11 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

Tgt Ion:146 Resp: 2012302
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 64.0 31.9 95.7

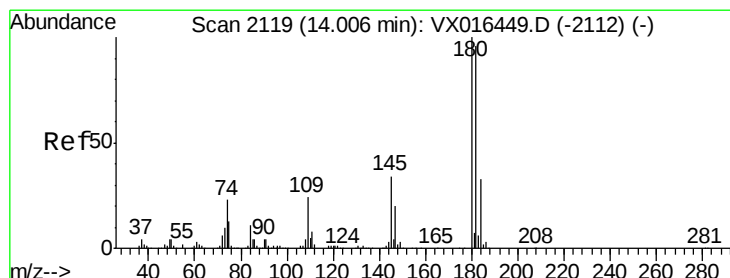
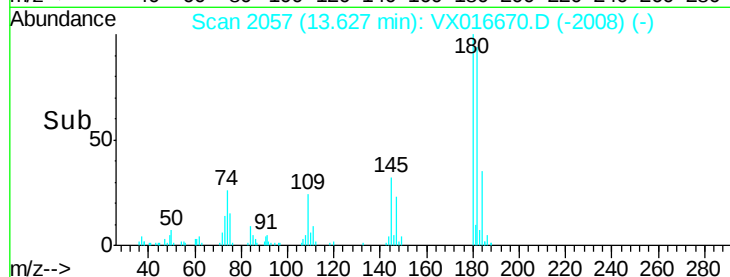
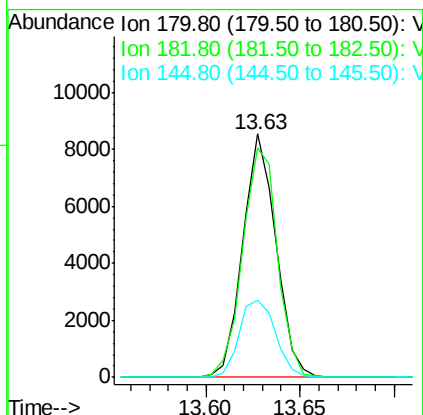
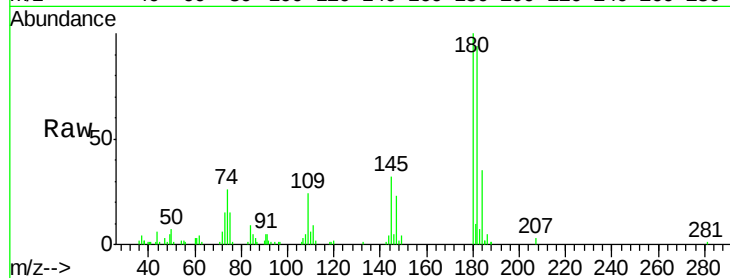




#93
 1,2,4-Trichlorobenzene
 Concen: 2.77 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

Tgt Ion:180 Resp: 10436
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.3 144.8
 145 34.7 15.4 46.2



#96
 1,2,3-Trichlorobenzene
 Concen: 1.70 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016670.D
 Acq: 10 Jun 2020 13:30

Tgt Ion:180 Resp: 6267
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.6 145.8
 145 32.7 16.6 49.8

