

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010220.D
 Acq On : 11 Jun 2019 10:25
 Operator : JC/SP
 Sample : VX0611WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBL01

Quant Time: Jun 12 07:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162631	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113578	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
35) Dibromofluoromethane	5.50	113	117584	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	446351	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	152625	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	

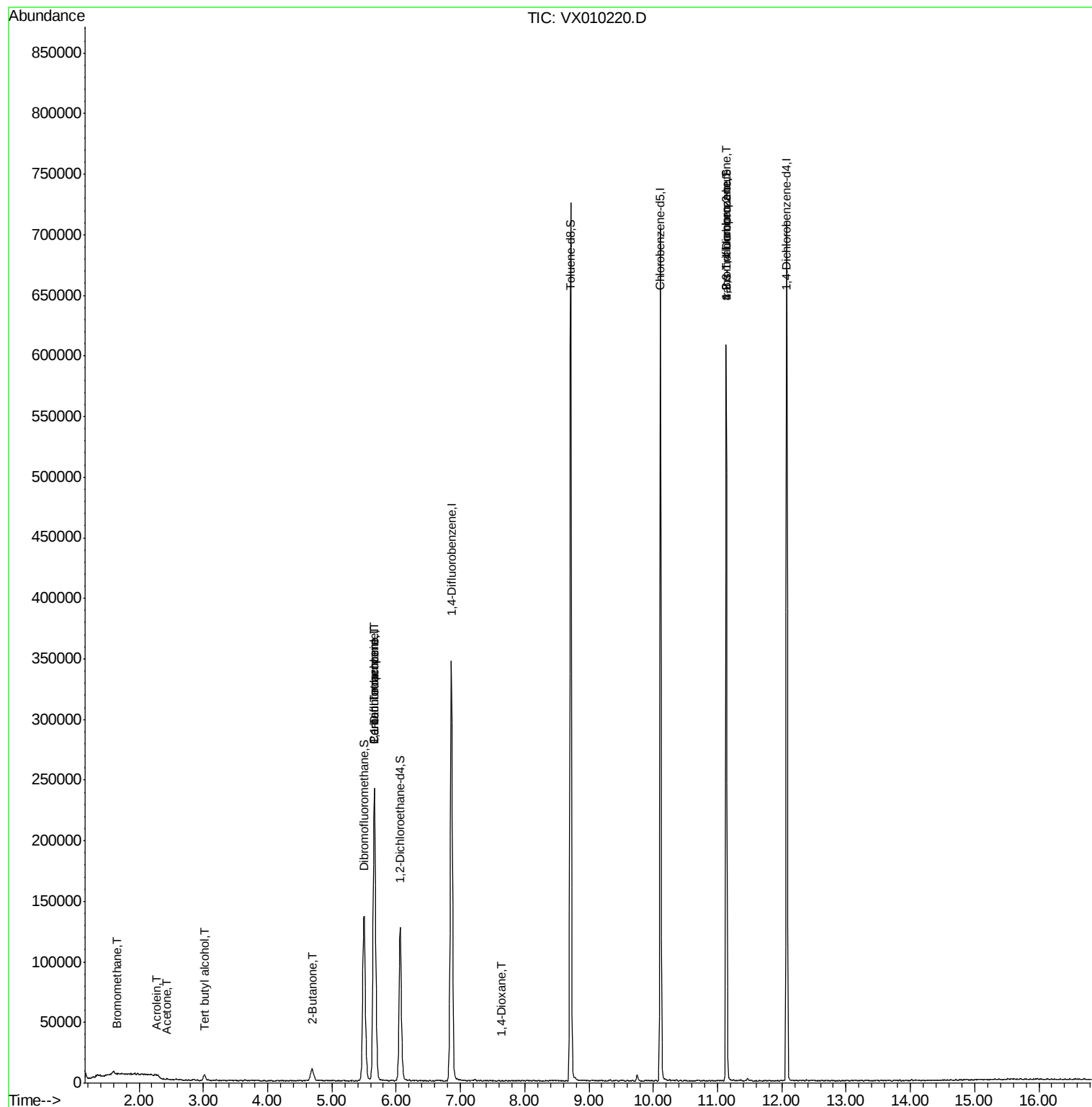
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	572	0.683	ug/l	84
11) Tert butyl alcohol	3.02	59	2732	4.422	ug/l #	73
13) Acrolein	2.28	56	181	1.607	ug/l #	1
16) Acetone	2.44	43	313	0.264	ug/l #	38
25) 2-Butanone	4.70	43	1157	0.655	ug/l #	89
36) 1,1-Dichloropropene	5.66	75	15546	4.944	ug/l #	51
38) Carbon Tetrachloride	5.66	117	22114	6.214	ug/l #	16
49) 1,4-Dioxane	7.63	88	19	0.261	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	70170	21.571	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	70170	47.660	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061119\
Data File : VX010220.D
Acq On : 11 Jun 2019 10:25
Operator : JC/SP
Sample : VX0611WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Quant Time: Jun 12 07:46:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

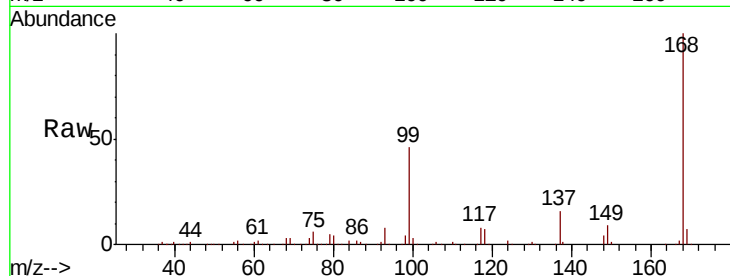
VX0611WBL01

Tot Ion:168 Resp: 258381

Ion Ratio Lower Upper

168 100

99 45.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

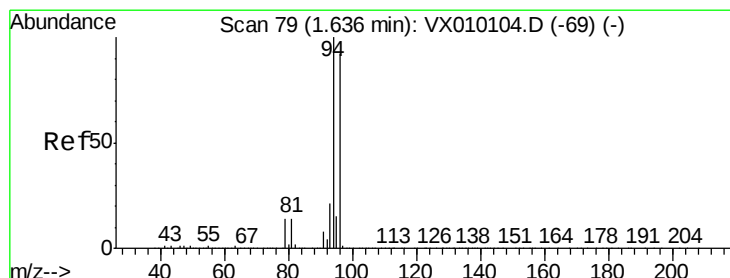
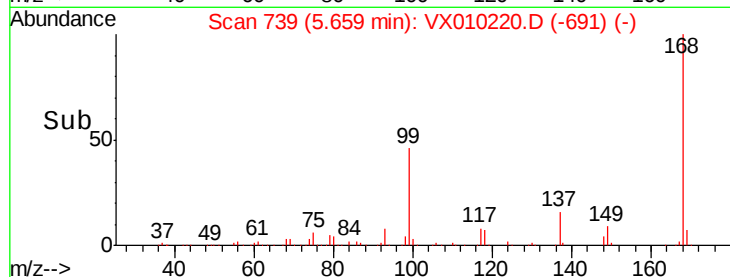
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.683 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010220.D

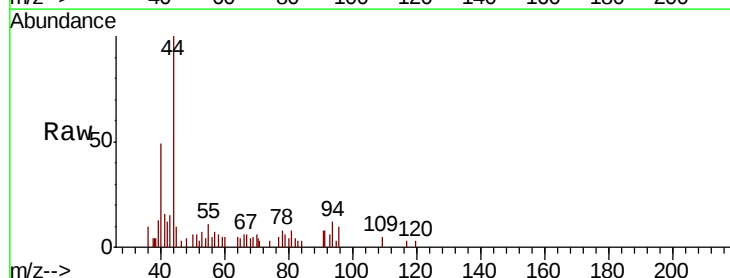
Acq: 11 Jun 2019 10:25

Tgt Ion: 94 Resp: 572

Ion Ratio Lower Upper

94 100

96 79.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

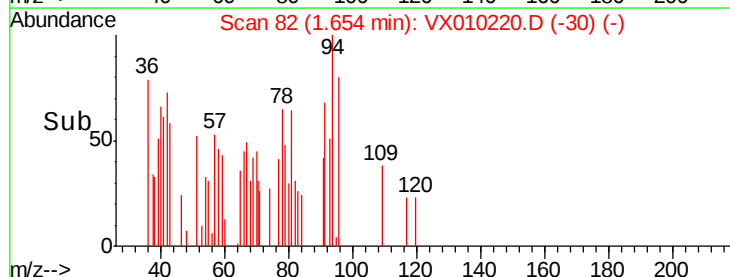
100

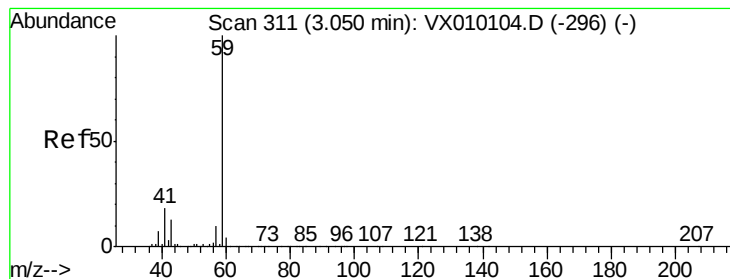
50

0

Time-->

1.60 1.65 1.70



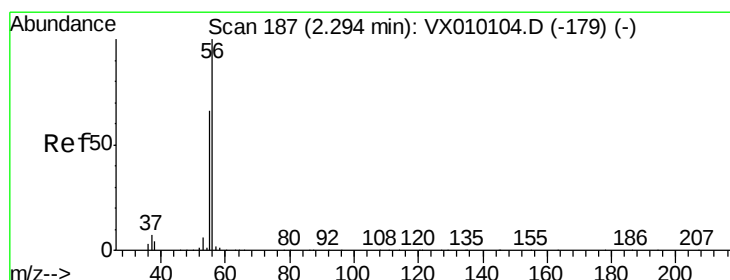
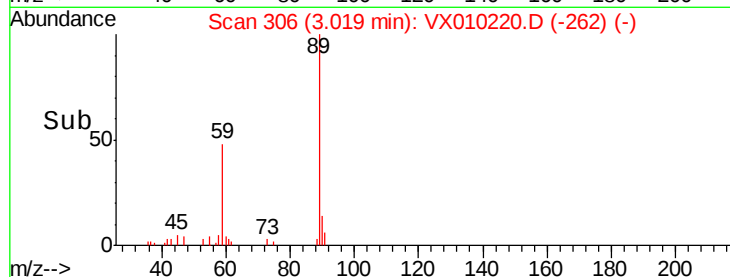
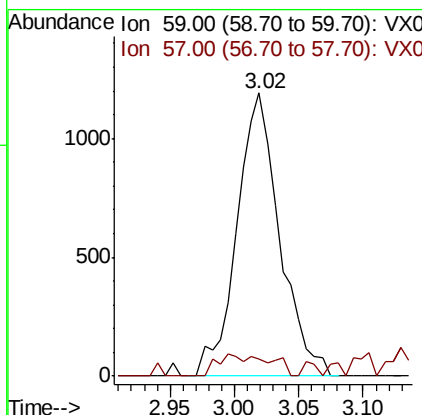
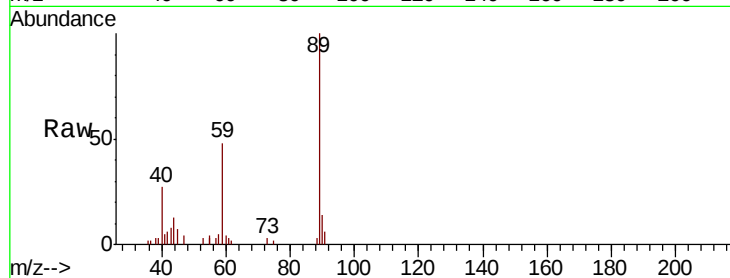


#11

Tert butyl alcohol
 Concen: 4.422 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010220.D
 Acq: 11 Jun 2019 10:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBL01

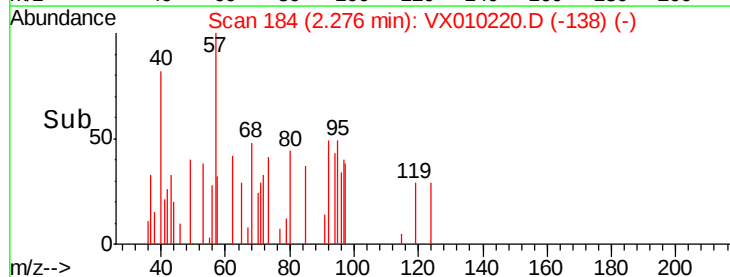
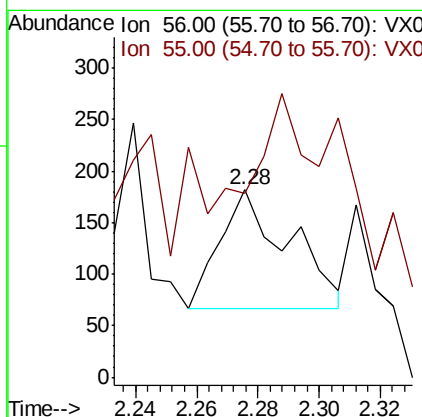
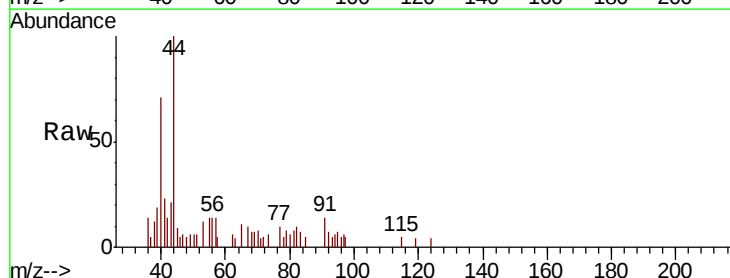
Tot Ion: 59 Resp: 2732
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

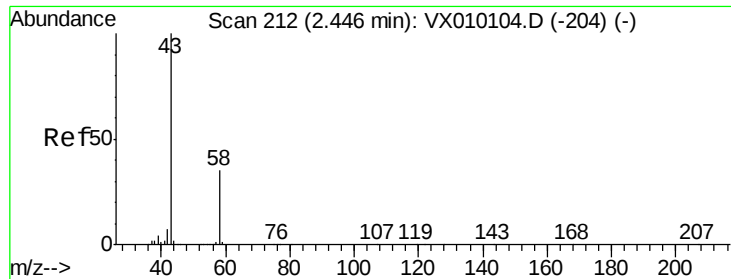


#13

Acrolein
 Concen: 1.607 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX010220.D
 Acq: 11 Jun 2019 10:25

Tgt Ion: 56 Resp: 181
 Ion Ratio Lower Upper
 56 100
 55 181.2 57.0 85.4#





#16

Acetone

Concen: 0.264 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

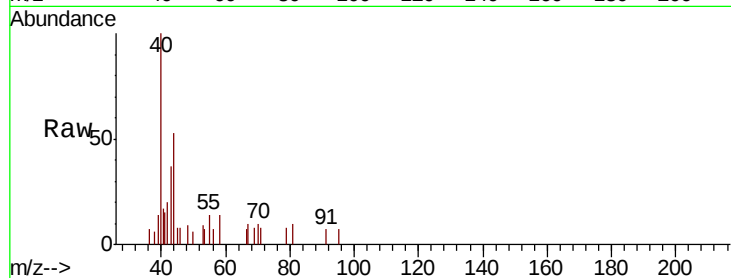
VX0611WBL01

Tot Ion: 43 Resp: 313

Ion Ratio Lower Upper

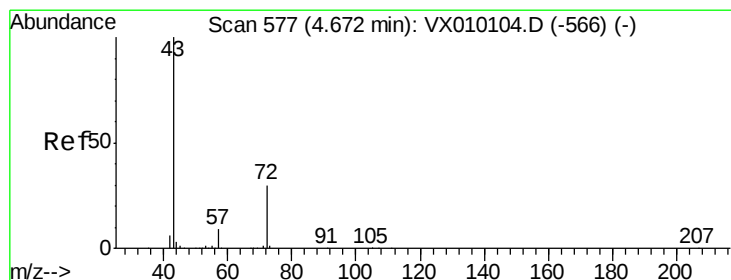
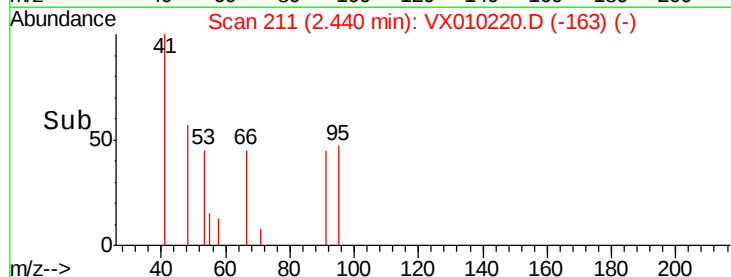
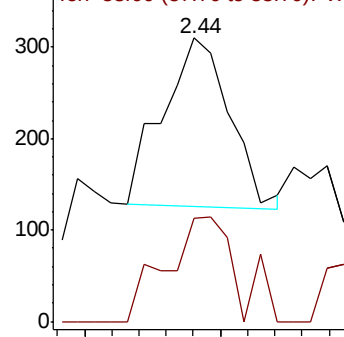
43 100

58 62.1 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 0.655 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX010220.D

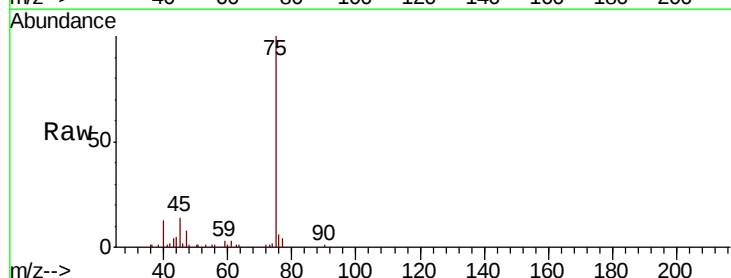
Acq: 11 Jun 2019 10:25

Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

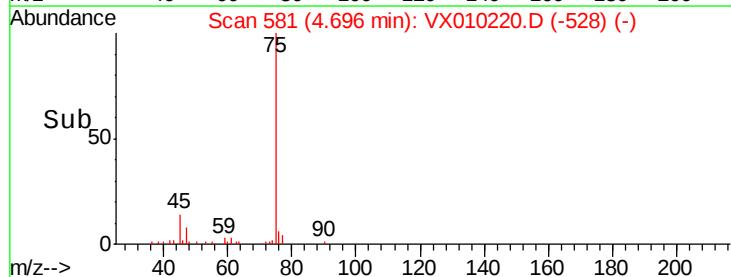
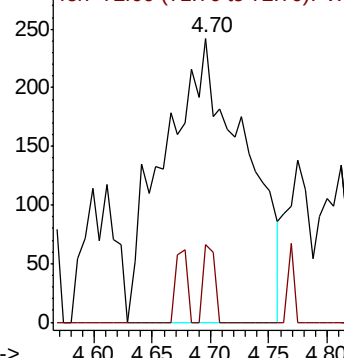
43 100

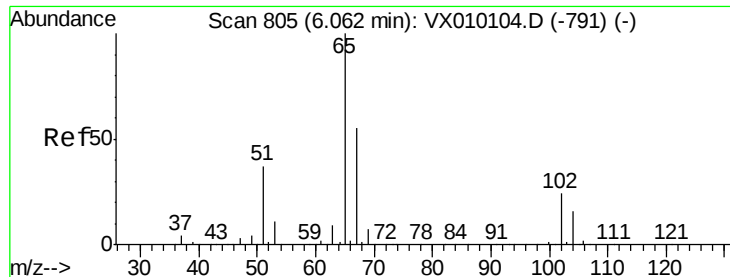
72 27.3 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.033 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

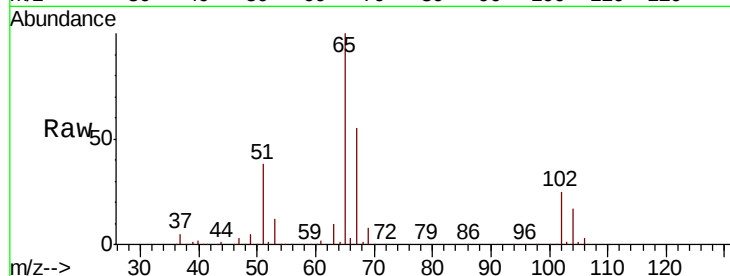
VX0611WBL01

Tot Ion: 65 Resp: 113578

Ion Ratio Lower Upper

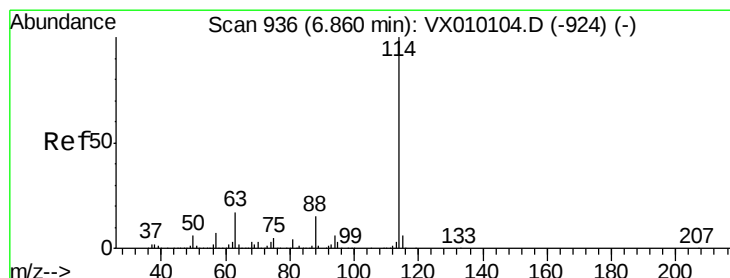
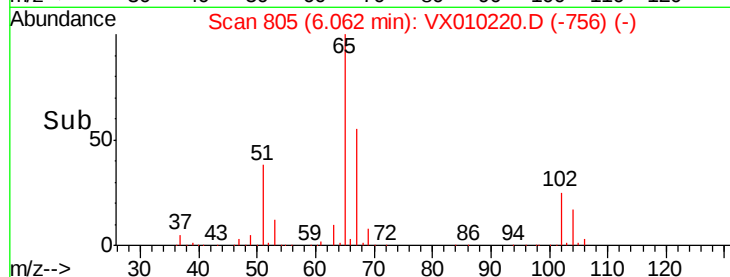
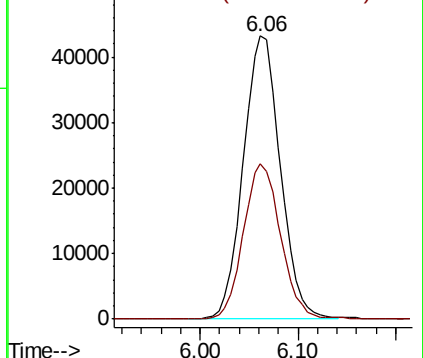
65 100

67 55.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

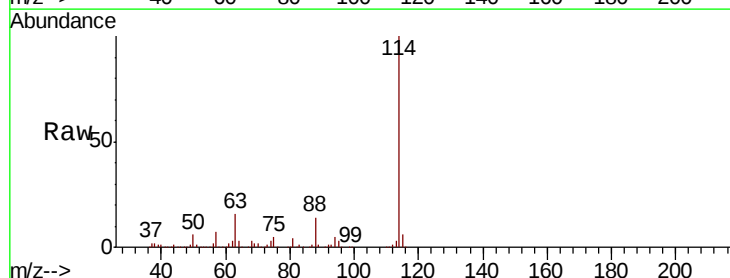
Tgt Ion: 114 Resp: 385390

Ion Ratio Lower Upper

114 100

63 16.0 0.0 47.4

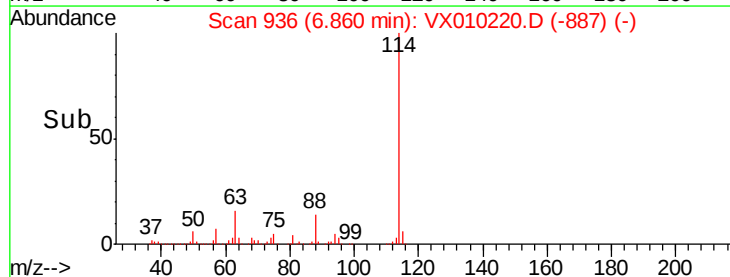
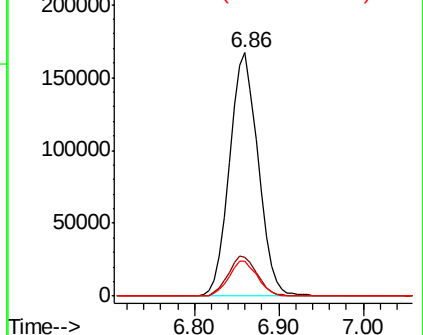
88 14.2 0.0 33.0

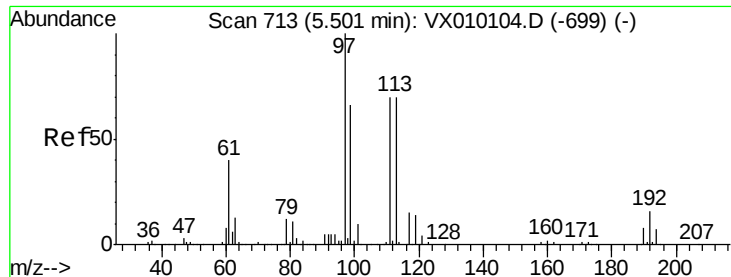


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

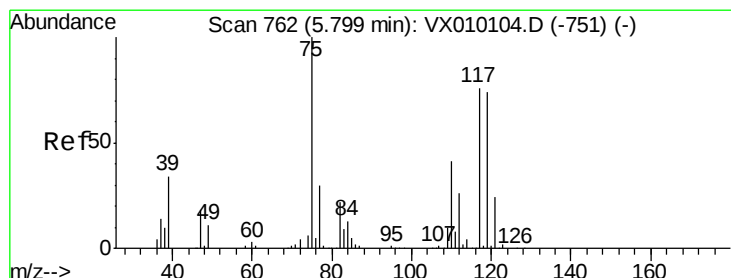
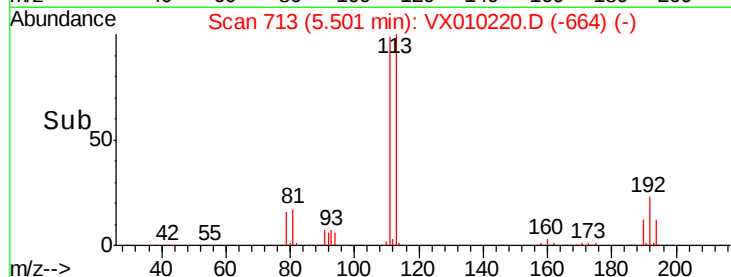
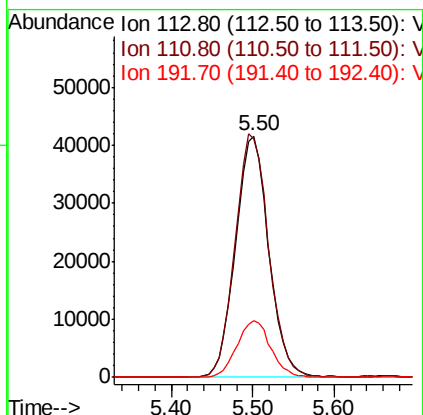
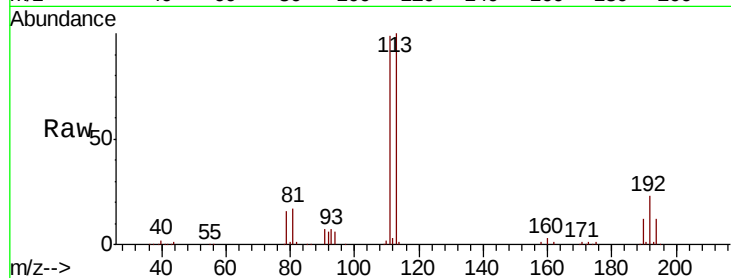




#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010220.D
Acq: 11 Jun 2019 10:25

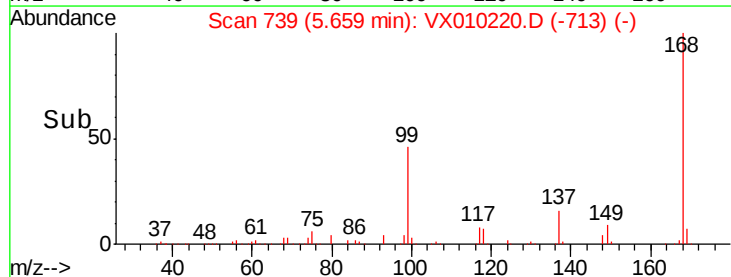
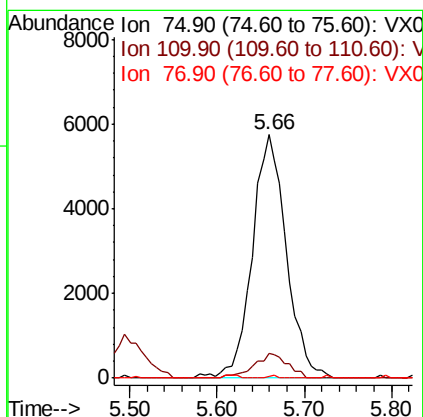
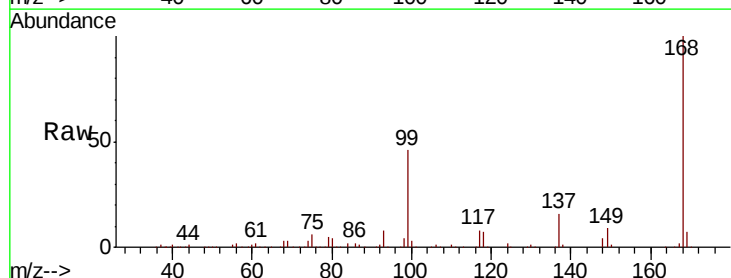
Instrument :
MSVOA_X
ClientSampled :
VX0611WBL01

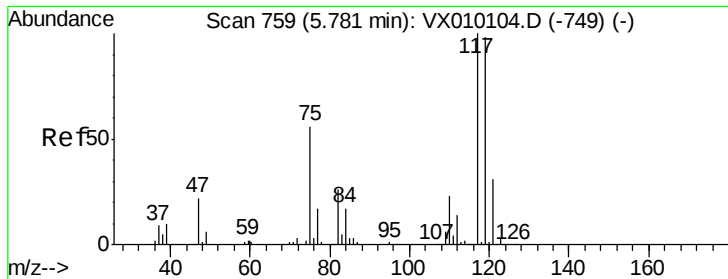
Tot Ion:113 Resp: 117584
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 23.8 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010220.D
Acq: 11 Jun 2019 10:25

Tgt Ion: 75 Resp: 15546
Ion Ratio Lower Upper
75 100
110 9.8 16.7 50.1#
77 0.3 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.214 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

VX0611WBL01

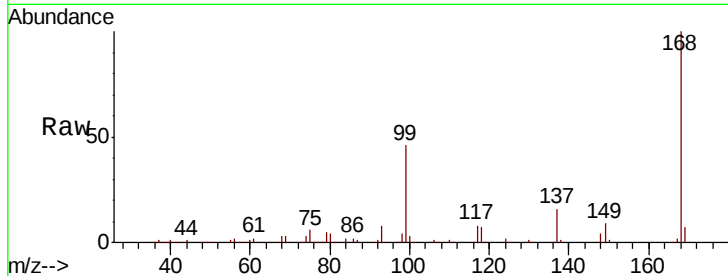
Tot Ion:117 Resp: 22114

Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

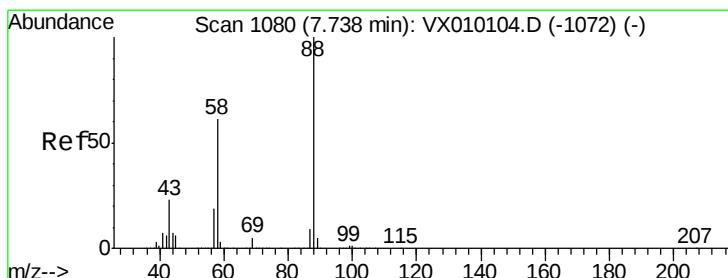
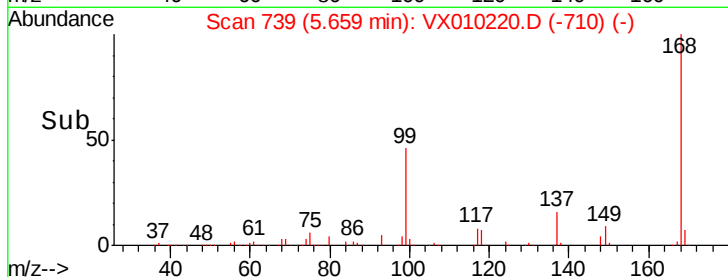
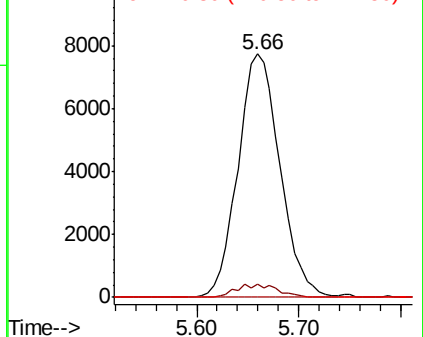
121 0.0 25.4 38.0#



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



#49

1,4-Dioxane

Concen: 0.261 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.10 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

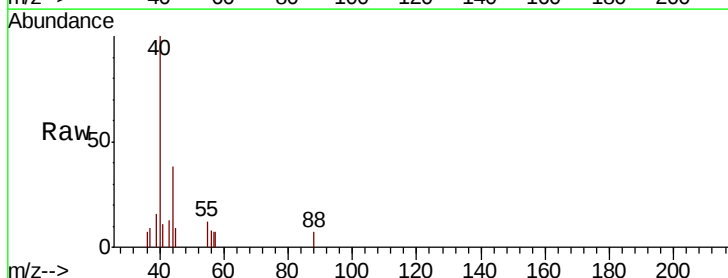
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 821.1 30.2 45.4#

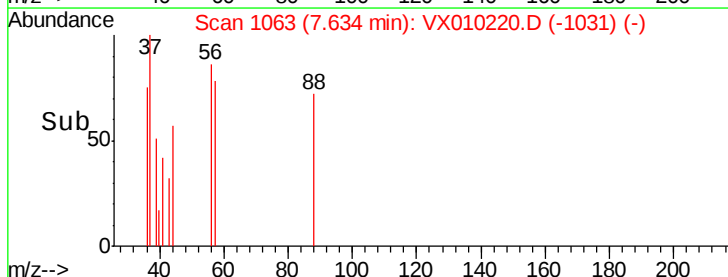
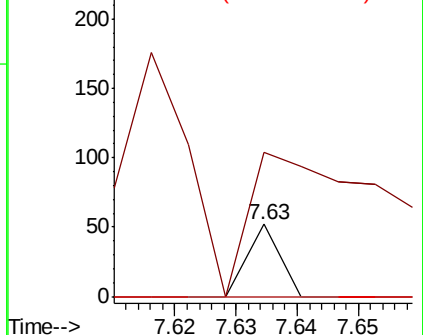
58 0.0 64.0 96.0#

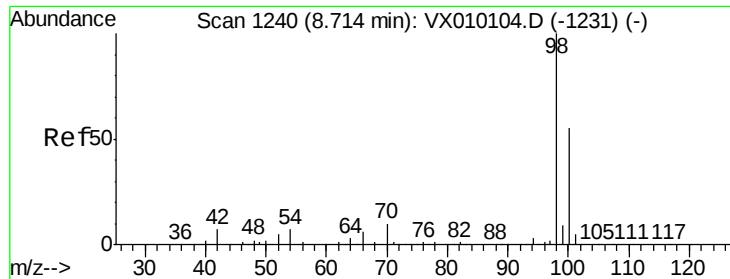


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.100 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

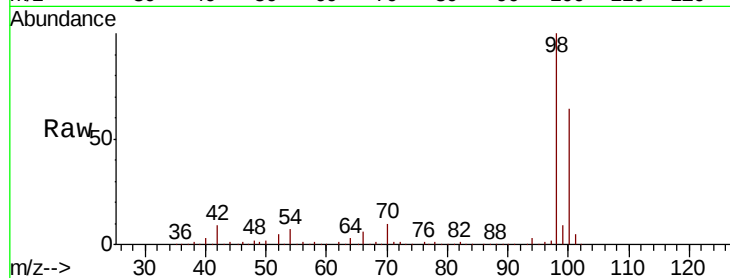
VX0611WBL01

Tot Ion: 98 Resp: 446351

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

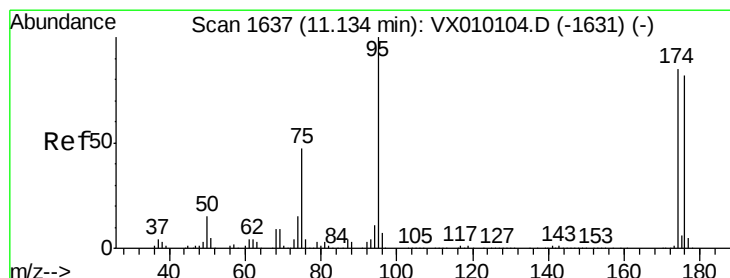
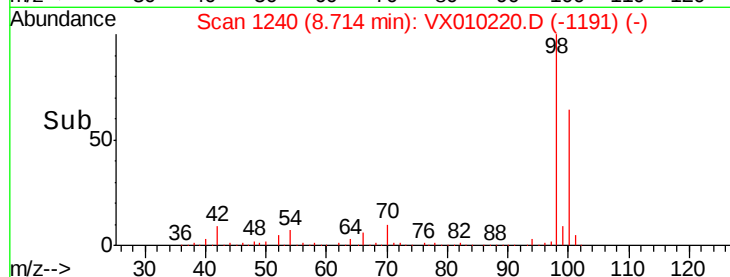
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.871 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

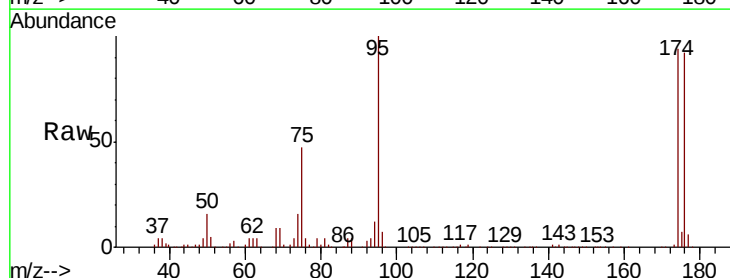
Tgt Ion: 95 Resp: 152625

Ion Ratio Lower Upper

95 100

174 95.5 0.0 160.4

176 92.0 0.0 154.6



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

11.13

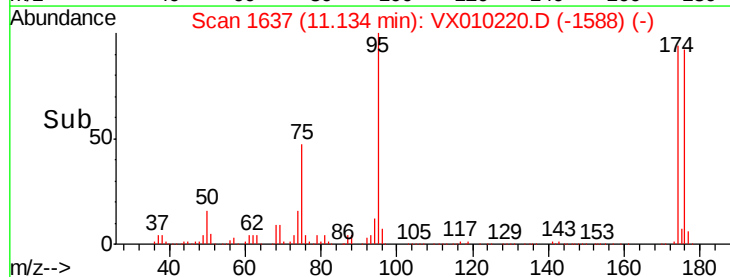
150000

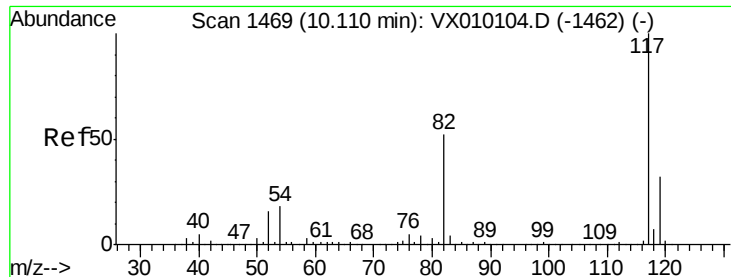
100000

50000

0

Time--> 11.10 11.20

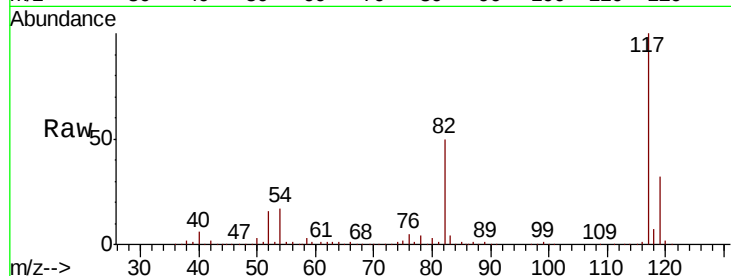




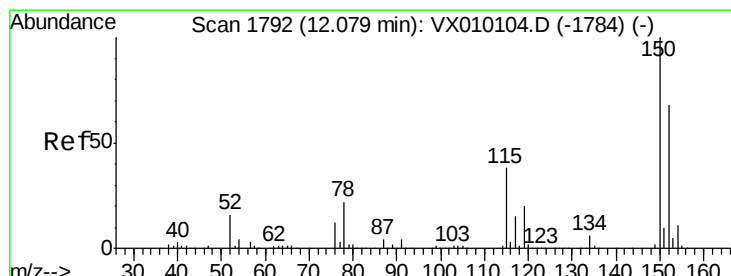
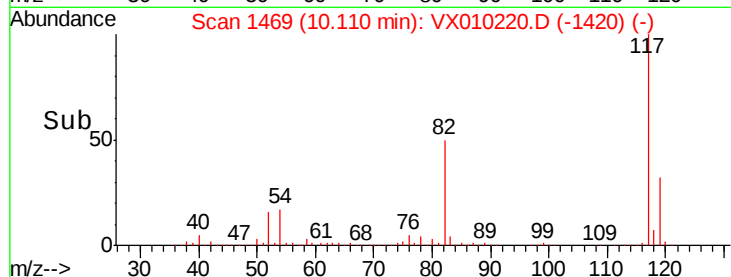
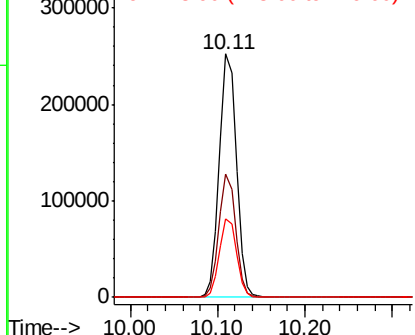
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010220.D
Acq: 11 Jun 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tot Ion:117 Resp: 342322
Ion Ratio Lower Upper
117 100
82 50.5 49.2 73.8
119 32.4 25.2 37.8

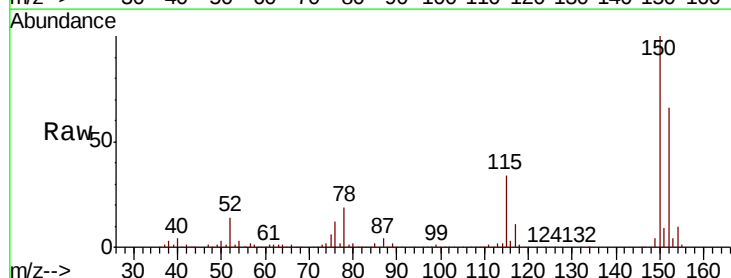


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

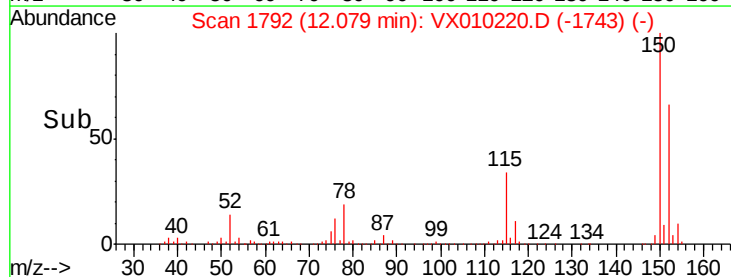
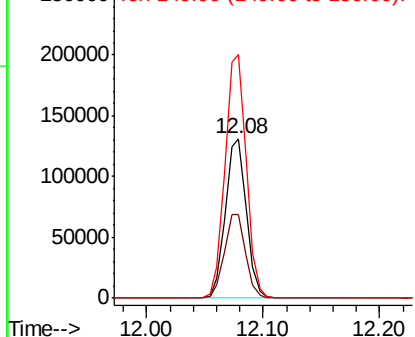


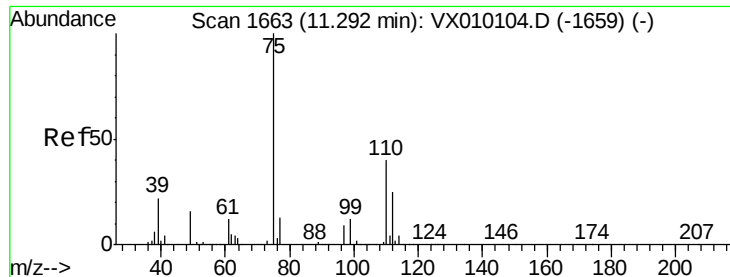
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010220.D
Acq: 11 Jun 2019 10:25

Tgt Ion:152 Resp: 162631
Ion Ratio Lower Upper
152 100
115 53.7 41.4 124.2
150 155.1 0.0 345.2



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: 21.571 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

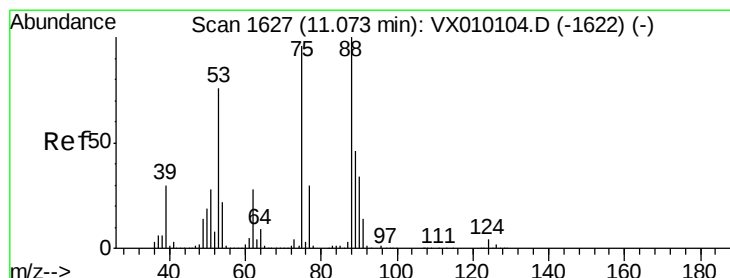
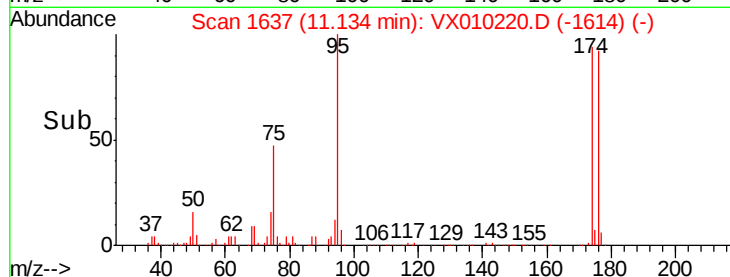
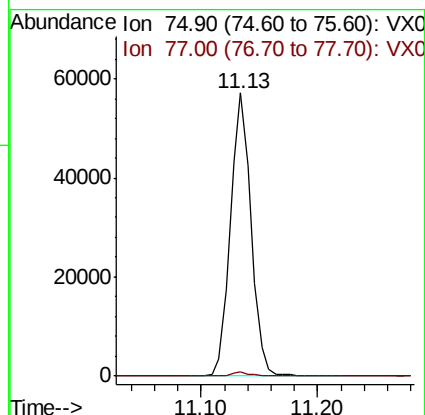
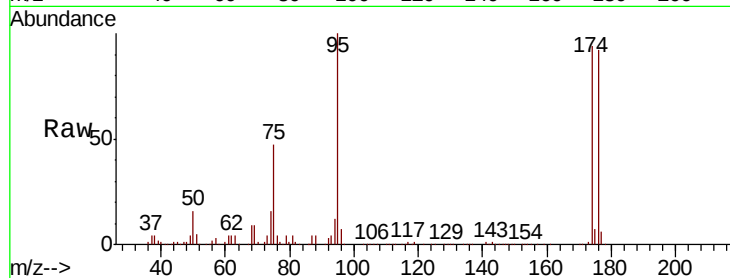
VX0611WBL01

Tot Ion: 75 Resp: 70170

Ion Ratio Lower Upper

75 100

77 1.4 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.660 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010220.D

Acq: 11 Jun 2019 10:25

Tgt Ion: 75 Resp: 70170

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#

