

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
 Data File : VX011787.D
 Acq On : 23 Aug 2019 10:48
 Operator : JC/SP
 Sample : VX0823WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL01

Quant Time: Aug 26 01:48:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	459258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	608282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	550702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261690	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	198328	42.99	ug/l	0.00
Spiked Amount			Recovery	=	85.98%	
35) Dibromofluoromethane	5.49	113	182778	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	694073	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	243718	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	

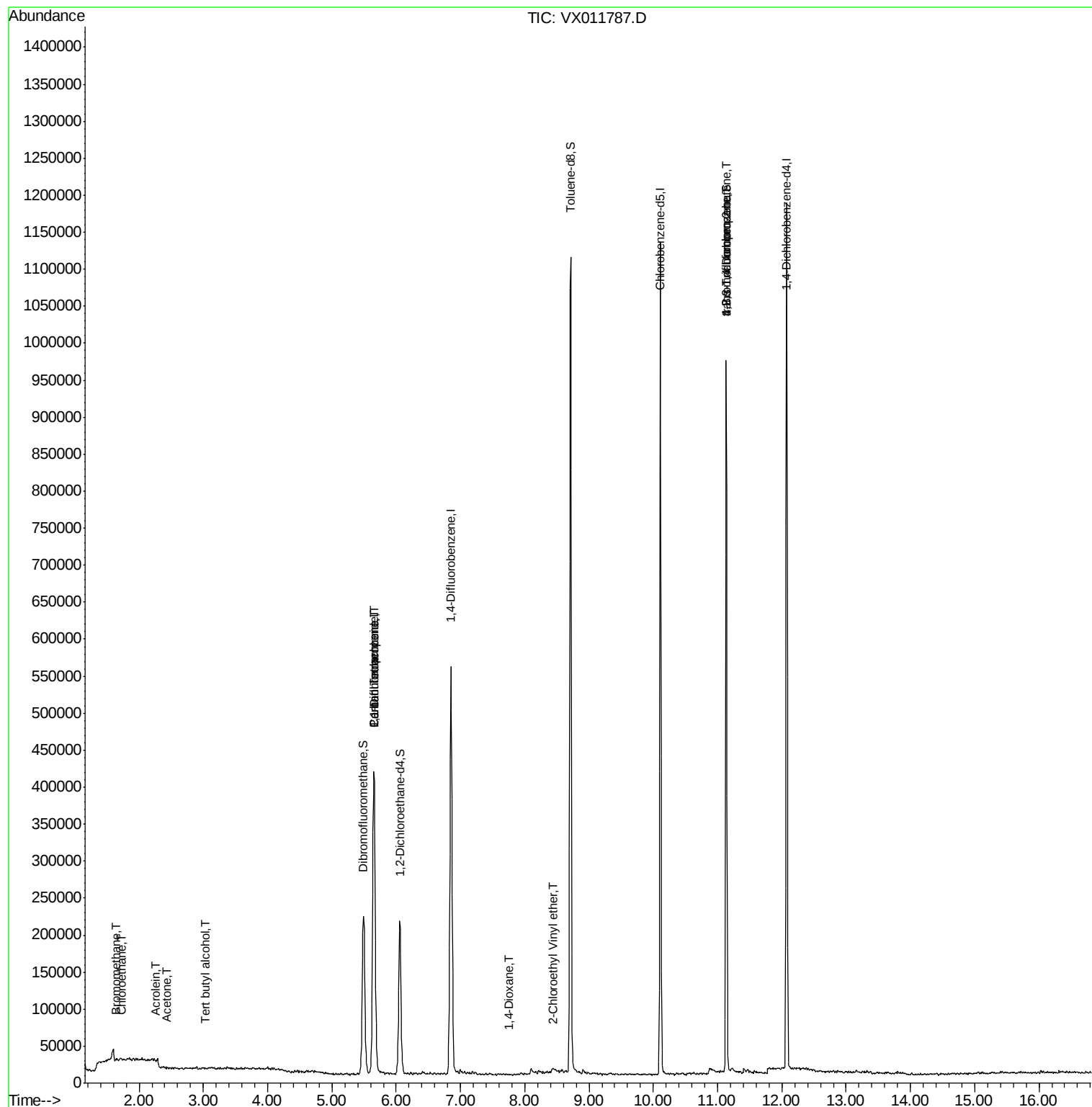
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	447	0.216	ug/l #	28
6) Chloroethane	1.73	64	559	0.254	ug/l #	44
11) Tert butyl alcohol	3.04	59	247	0.271	ug/l #	1
13) Acrolein	2.26	56	109	0.309	ug/l #	1
16) Acetone	2.43	43	631	0.314	ug/l #	68
36) 1,1-Dichloropropene	5.65	75	24504	5.137	ug/l #	51
38) Carbon Tetrachloride	5.65	117	36088	6.676	ug/l #	17
49) 1,4-Dioxane	7.75	88	149	1.323	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.45	63	642	0.216	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	111143	24.204	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	111143	72.996	ug/l #	11

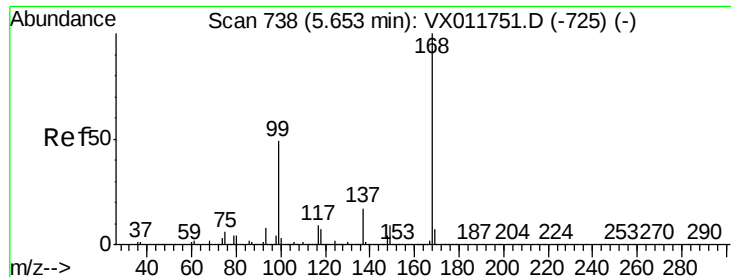
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
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ClientSampleId :
VX0823WBL01

Quant Time: Aug 26 01:48:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

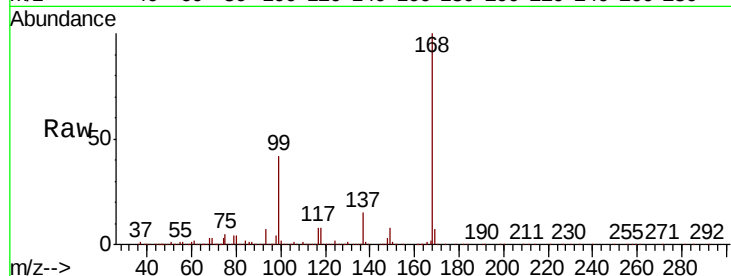
VX0823WBL01

Tgt Ion:168 Resp: 459258

Ion Ratio Lower Upper

168 100

99 42.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

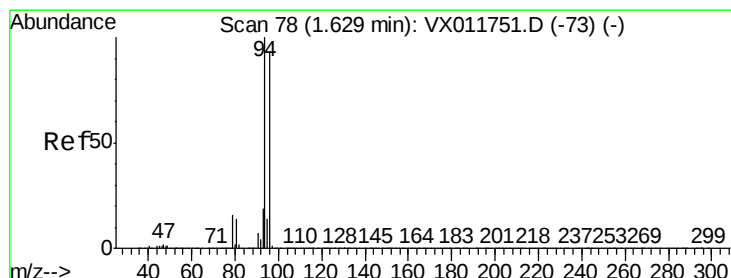
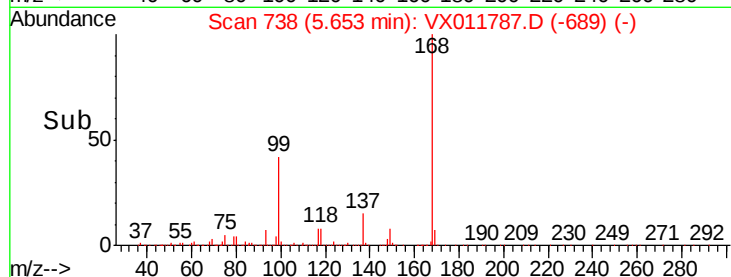
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.216 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011787.D

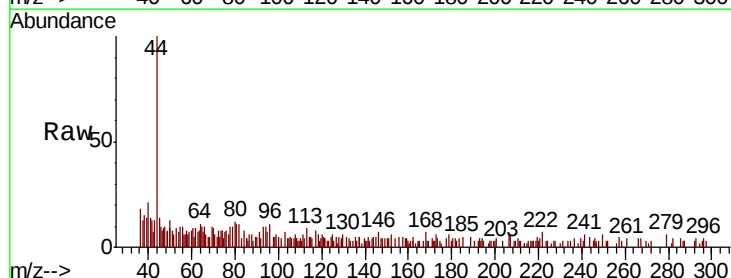
Acq: 23 Aug 2019 10:48

Tgt Ion: 94 Resp: 447

Ion Ratio Lower Upper

94 100

96 23.3 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

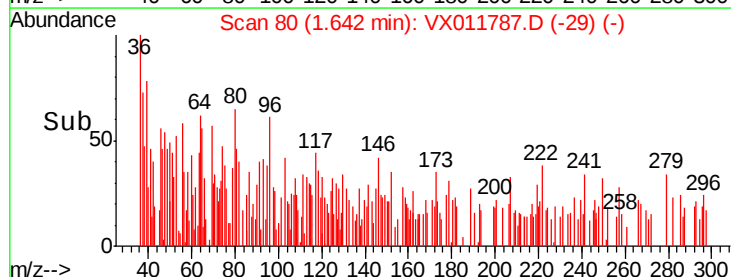
200

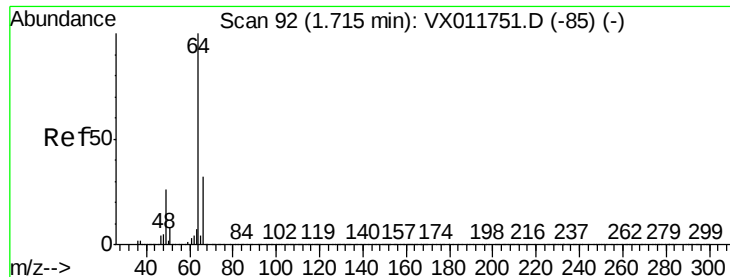
100

0

Time-->

1.60 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.254 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

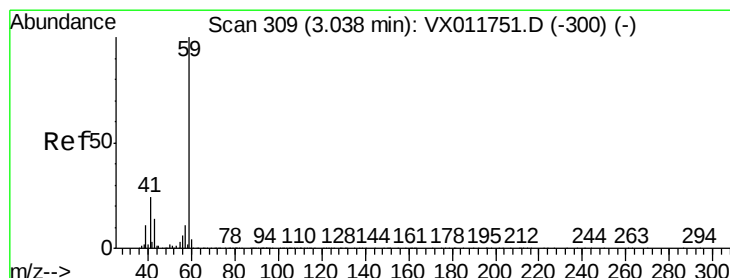
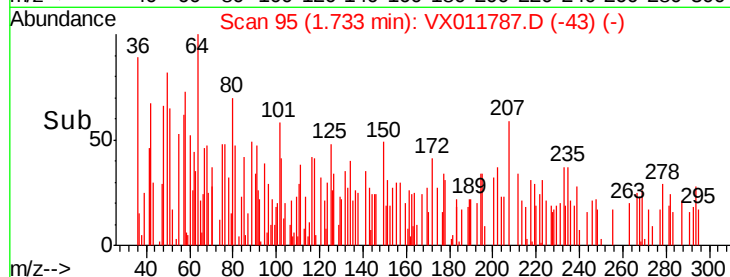
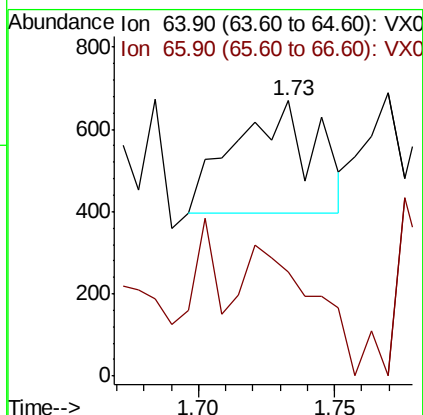
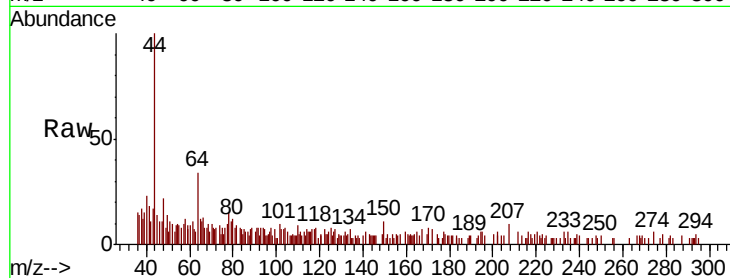
VX0823WBL01

Tgt Ion: 64 Resp: 559

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



#11

Tert butyl alcohol

Concen: 0.271 ug/l

RT: 3.04 min Scan# 310

Delta R.T. 0.01 min

Lab File: VX011787.D

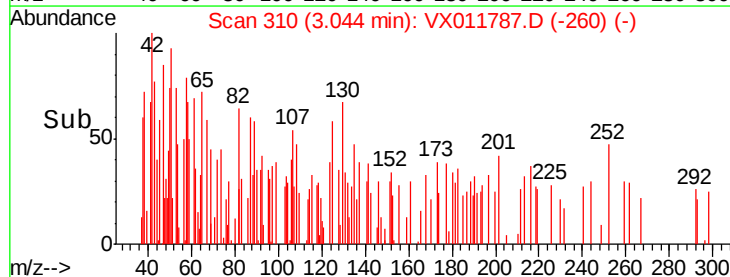
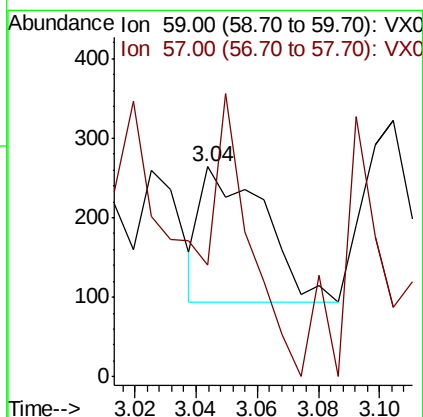
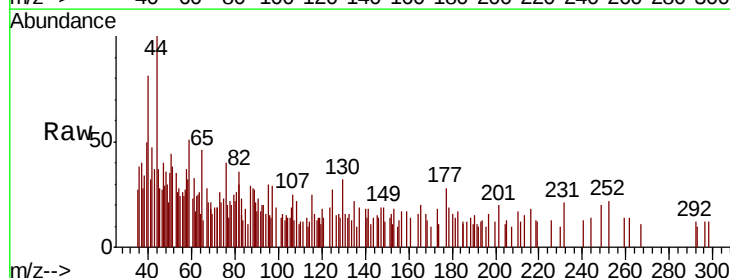
Acq: 23 Aug 2019 10:48

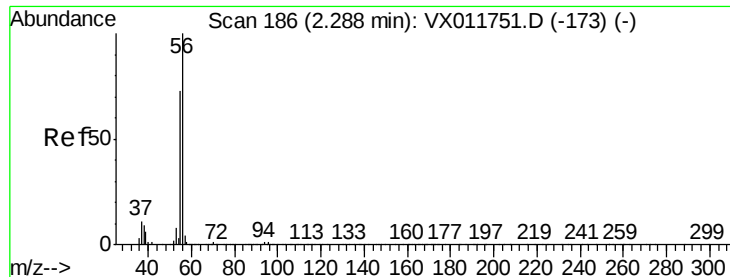
Tgt Ion: 59 Resp: 247

Ion Ratio Lower Upper

59 100

57 105.3 8.4 12.6#

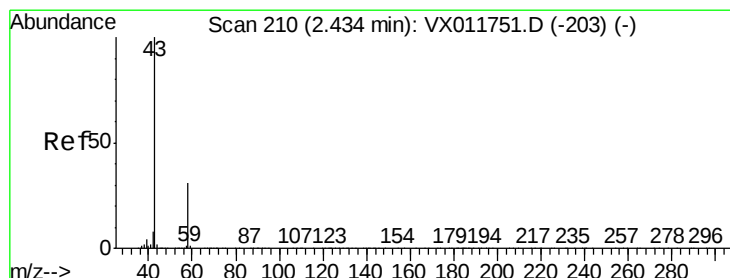
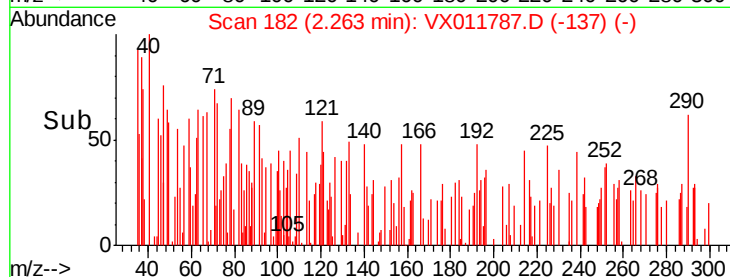
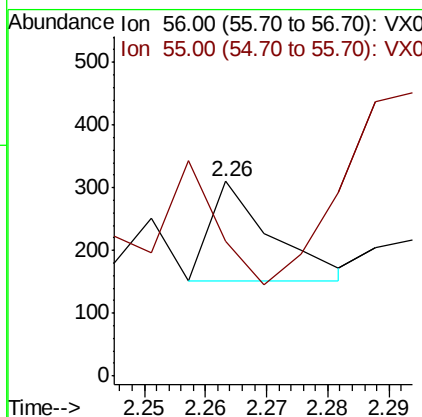
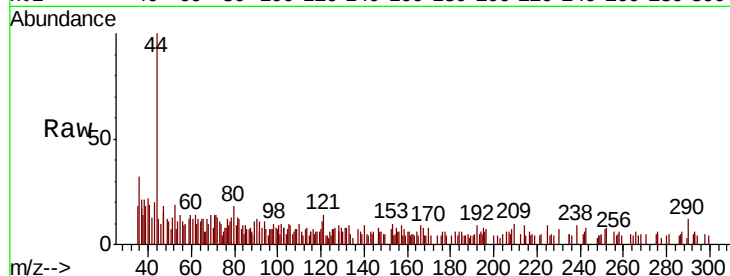




#13
Acrolein
Concen: 0.309 ug/l
RT: 2.26 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

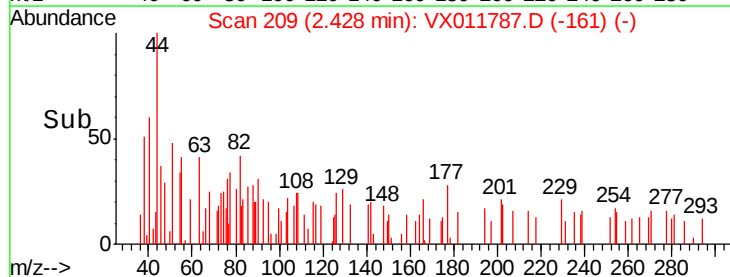
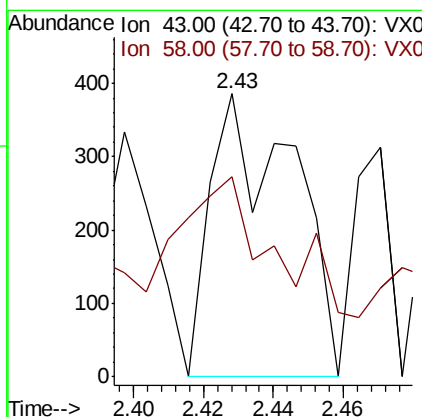
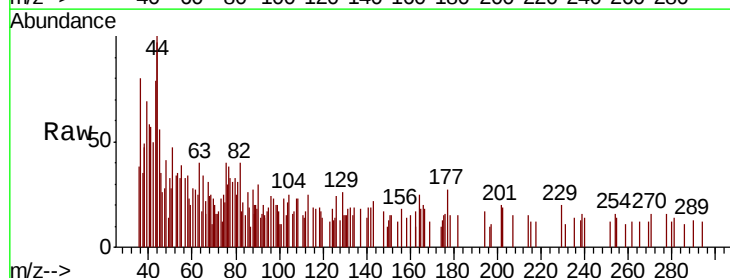
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

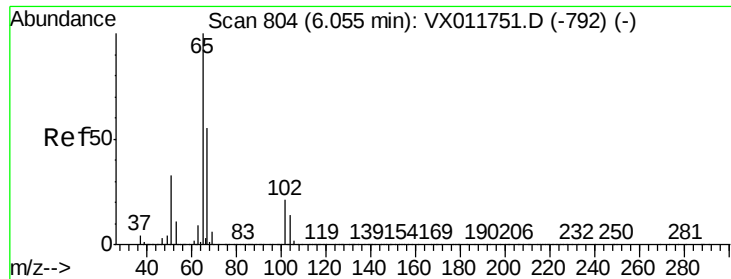
Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 377.1 54.8 82.2#



#16
Acetone
Concen: 0.314 ug/l
RT: 2.43 min Scan# 209
Delta R.T. -0.01 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 47.9 24.4 36.6#

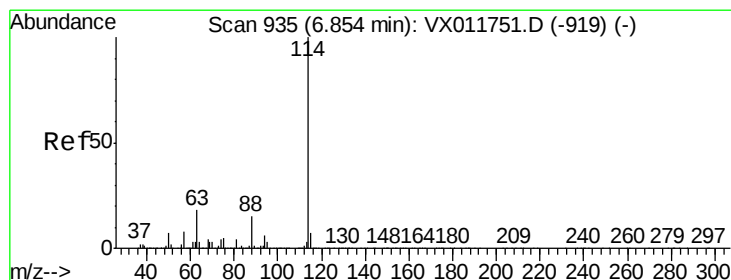
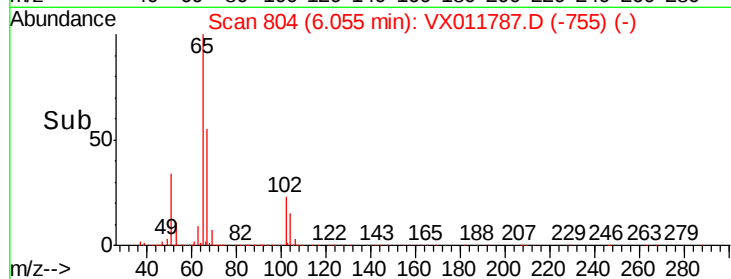
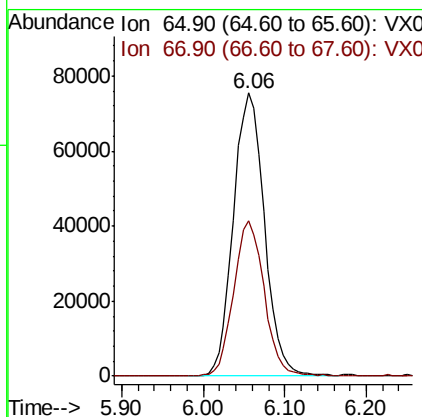
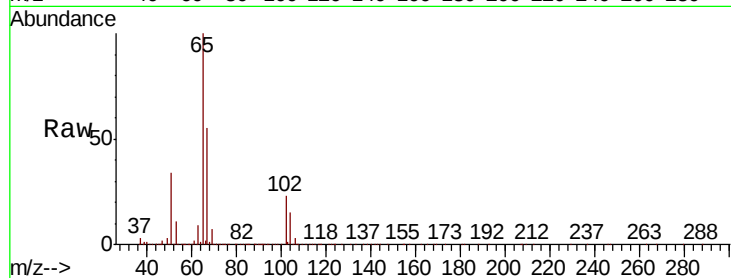




#33
 1,2-Dichloroethane-d4
 Concen: 42.988 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011787.D
 Acq: 23 Aug 2019 10:48

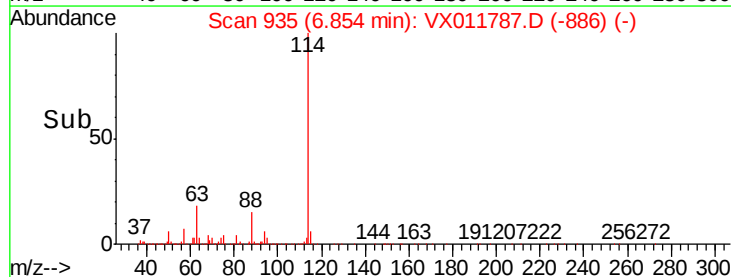
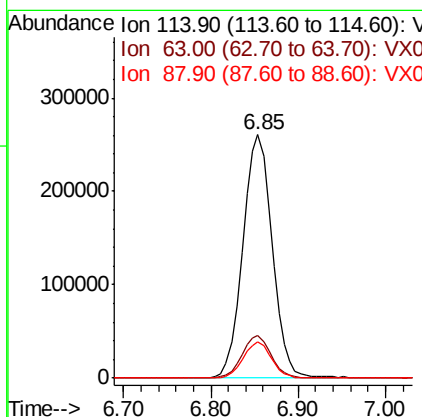
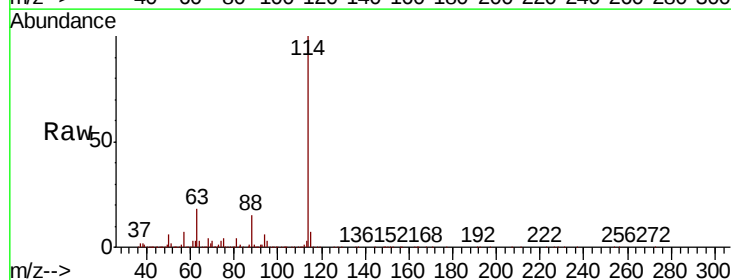
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL01

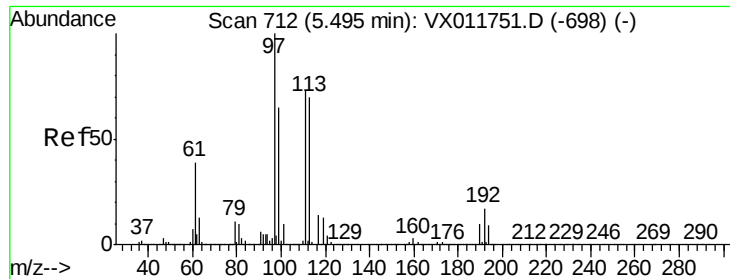
Tgt Ion: 65 Resp: 198328
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011787.D
 Acq: 23 Aug 2019 10:48

Tgt Ion: 114 Resp: 608282
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.8
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.468 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBL01

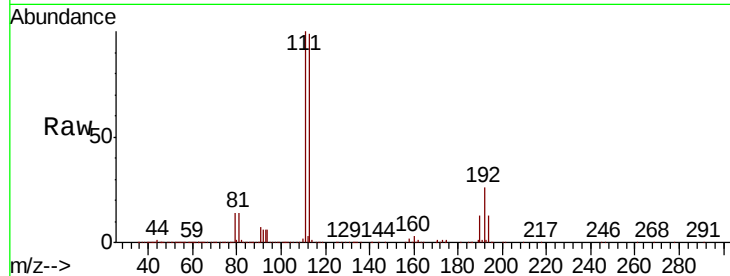
Tgt Ion:113 Resp: 182778

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

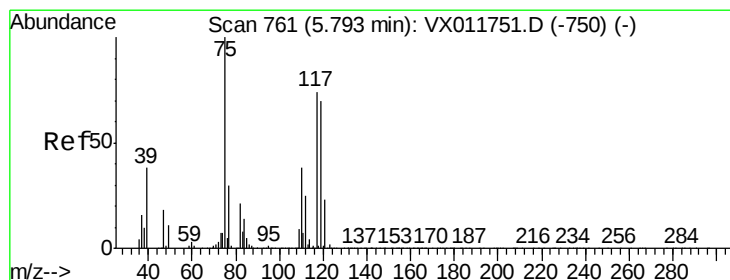
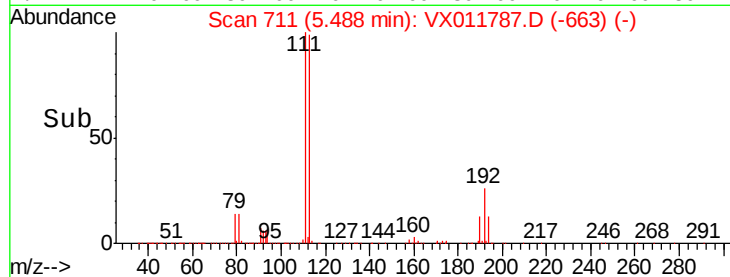
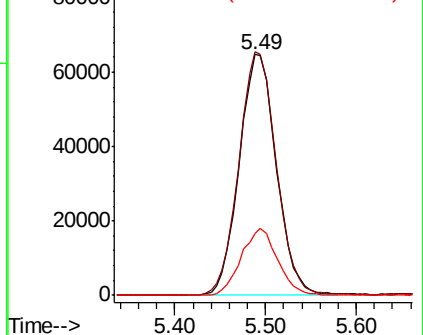
192 27.5 19.9 29.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.137 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

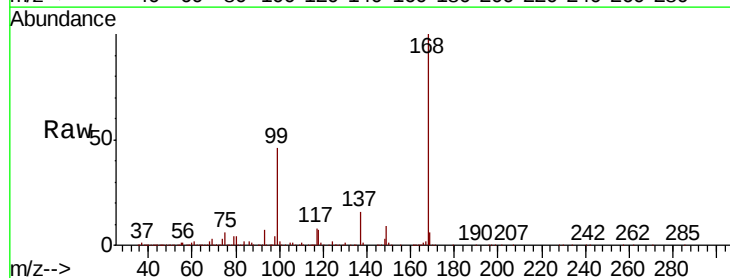
Tgt Ion: 75 Resp: 24504

Ion Ratio Lower Upper

75 100

110 12.0 19.0 57.0#

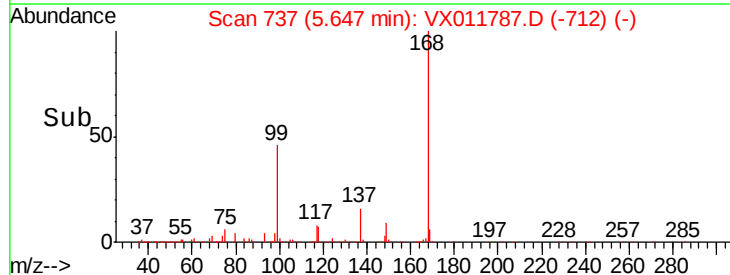
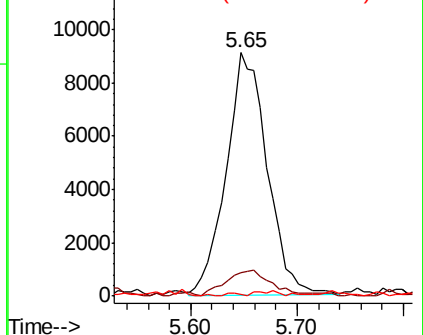
77 0.4 24.6 36.8#

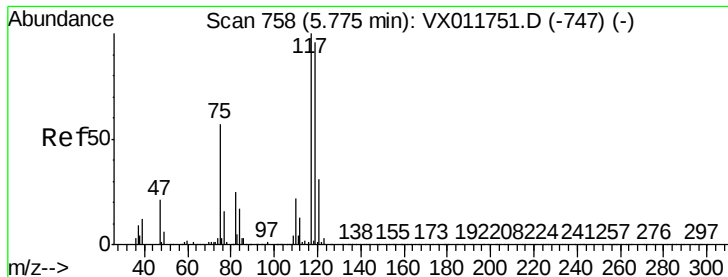


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

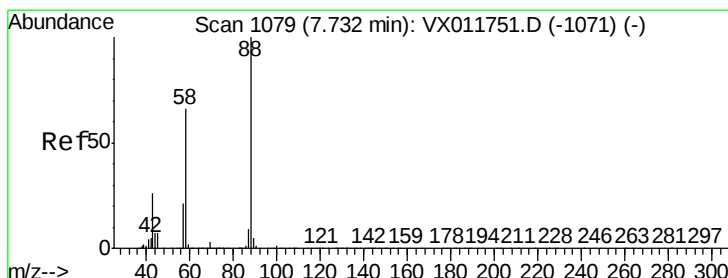
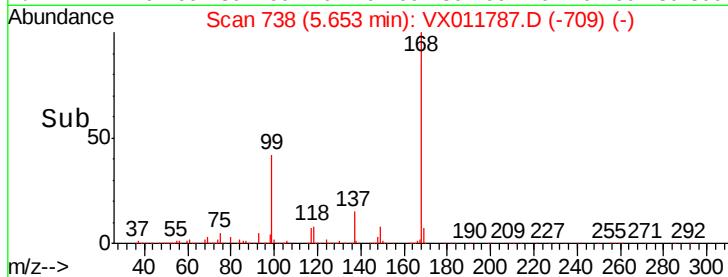
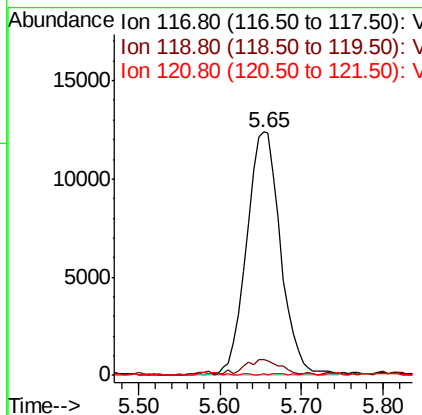
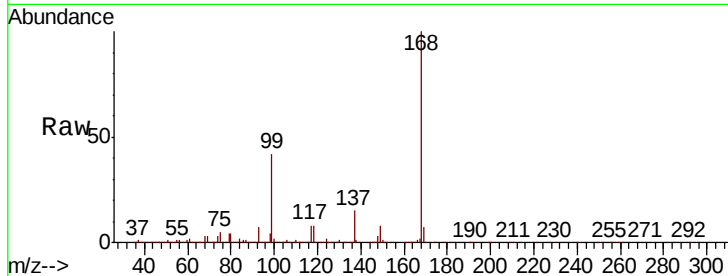




#38
Carbon Tetrachloride
Concen: 6.676 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.12 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

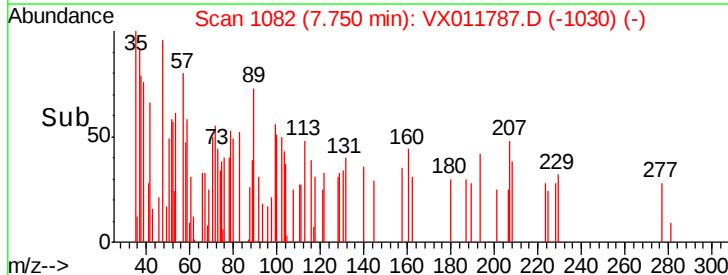
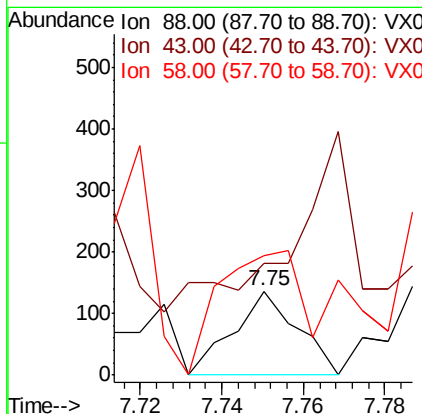
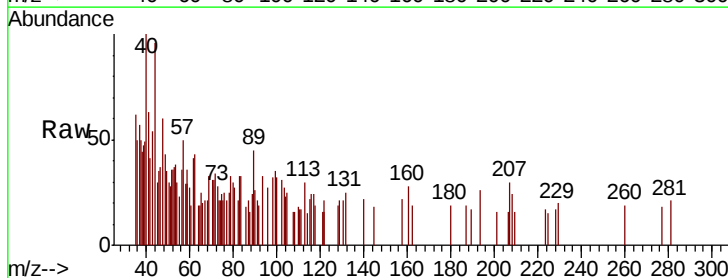
Instrument :
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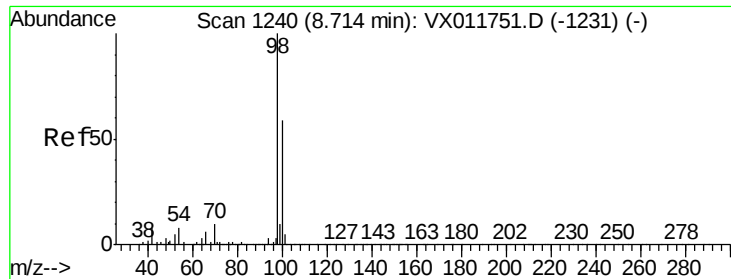
Tgt Ion: 117 Resp: 36088
Ion Ratio Lower Upper
117 100
119 6.1 76.6 114.8#
121 0.4 25.2 37.8#



#49
1,4-Dioxane
Concen: 1.323 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

Tgt Ion: 88 Resp: 149
Ion Ratio Lower Upper
88 100
43 0.0 24.6 37.0#
58 253.7 51.4 77.2#





#50

Toluene-d8

Concen: 50.589 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

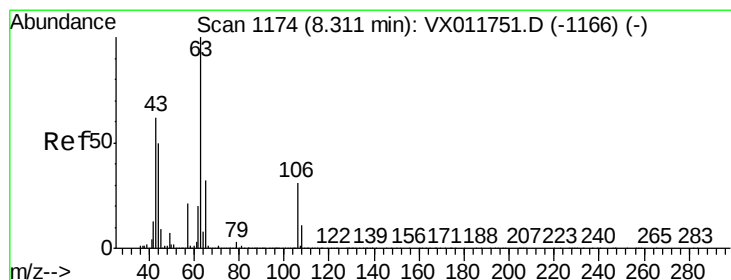
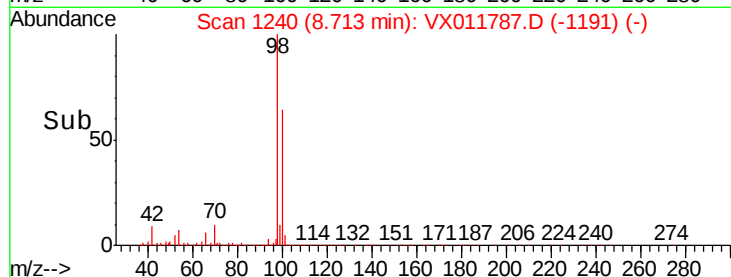
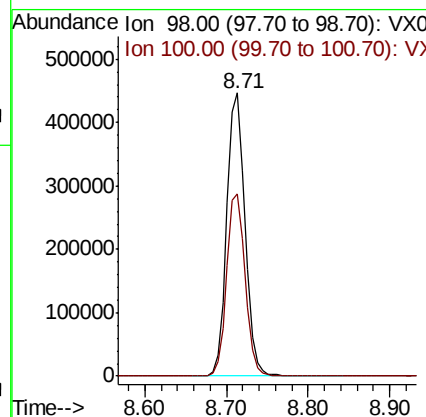
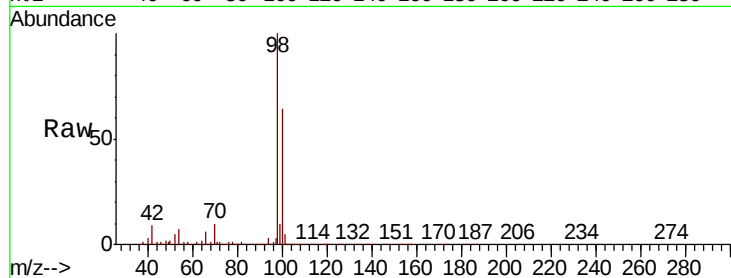
VX0823WBL01

Tgt Ion: 98 Resp: 694073

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.216 ug/l

RT: 8.45 min Scan# 1196

Delta R.T. 0.13 min

Lab File: VX011787.D

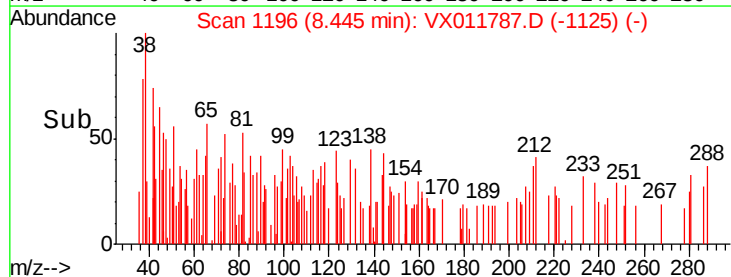
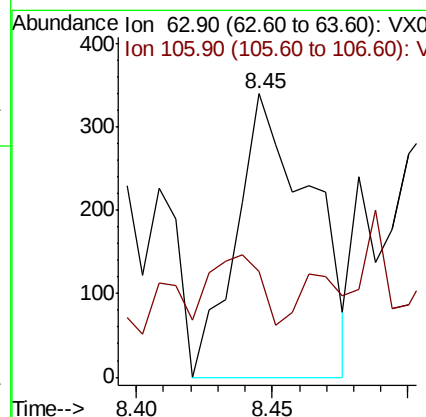
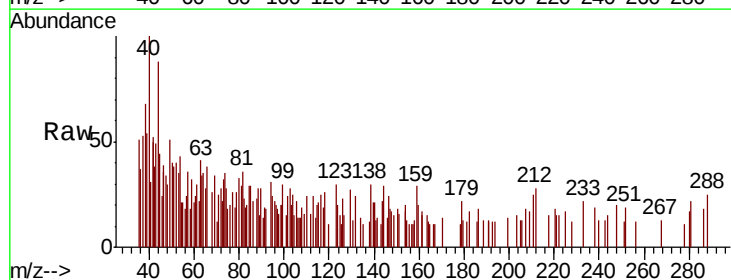
Acq: 23 Aug 2019 10:48

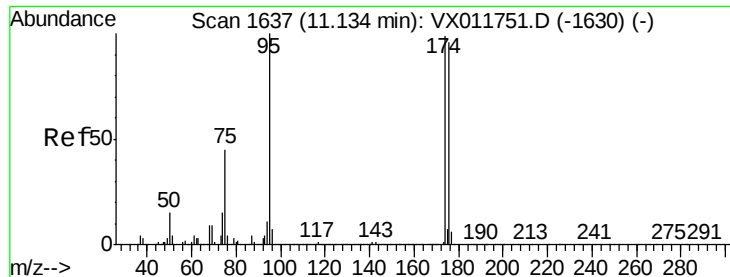
Tgt Ion: 63 Resp: 642

Ion Ratio Lower Upper

63 100

106 34.3 24.9 37.3

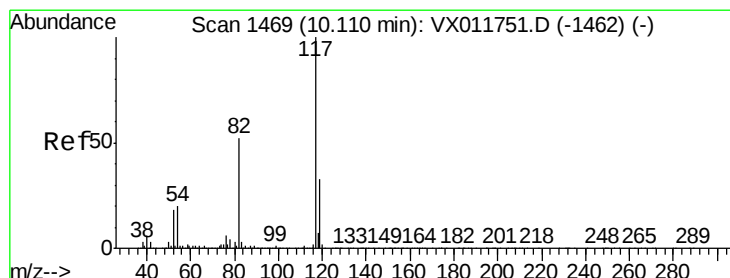
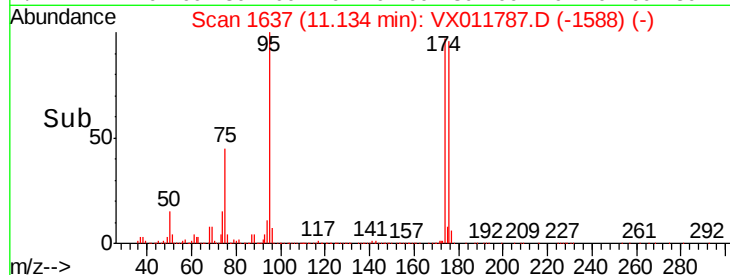
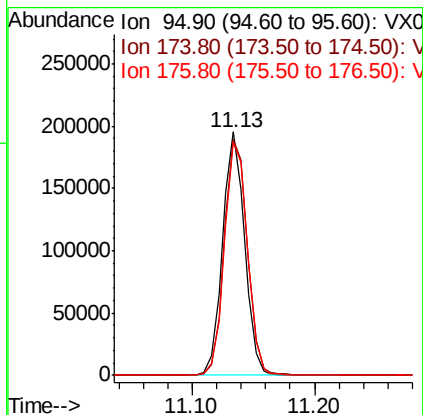
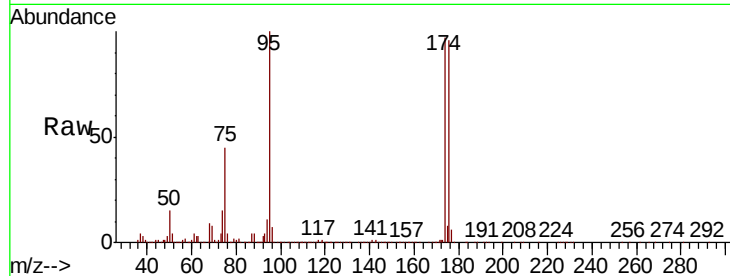




#62
4-Bromofluorobenzene
Concen: 44.943 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

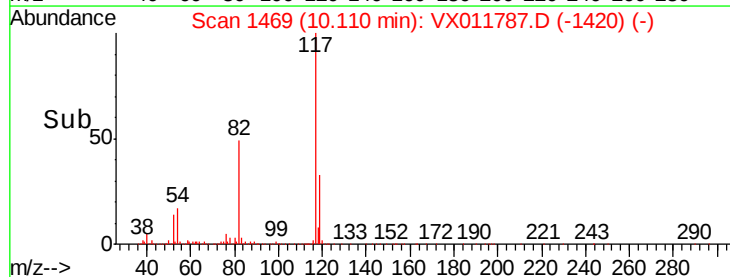
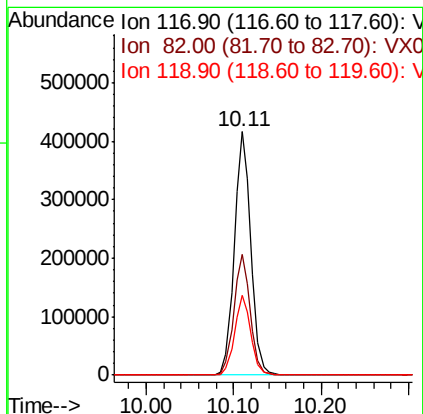
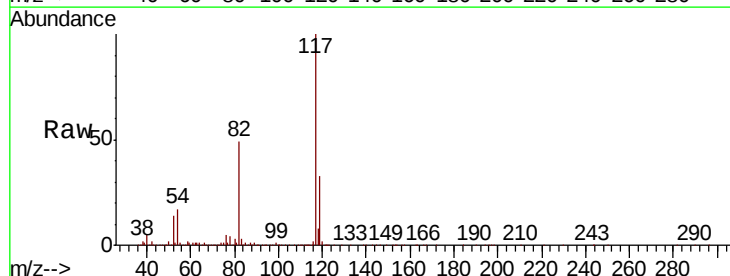
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

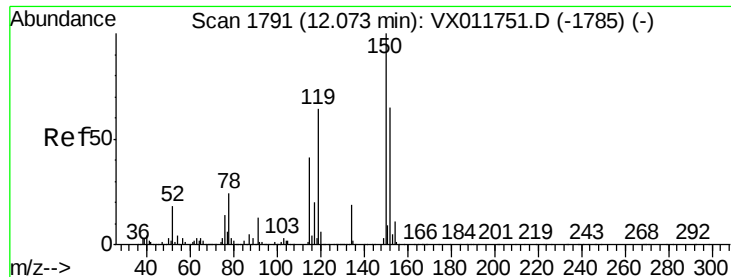
Tgt Ion: 95 Resp: 243718
Ion Ratio Lower Upper
95 100
174 101.5 0.0 197.4
176 99.3 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011787.D
Acq: 23 Aug 2019 10:48

Tgt Ion: 117 Resp: 550702
Ion Ratio Lower Upper
117 100
82 49.3 41.7 62.5
119 33.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBL01

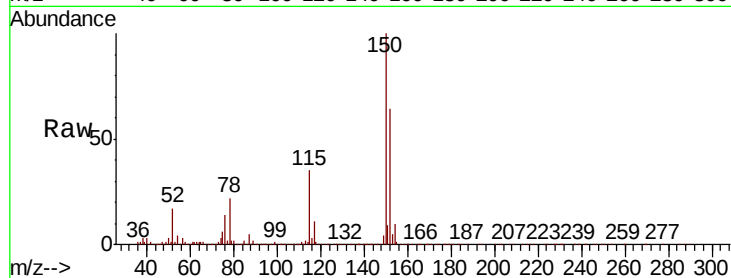
Tgt Ion:152 Resp: 261690

Ion Ratio Lower Upper

152 100

115 53.7 37.3 111.8

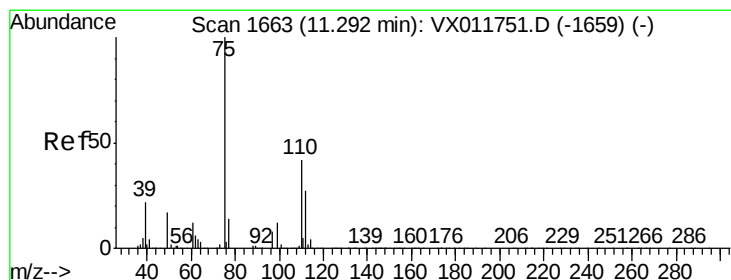
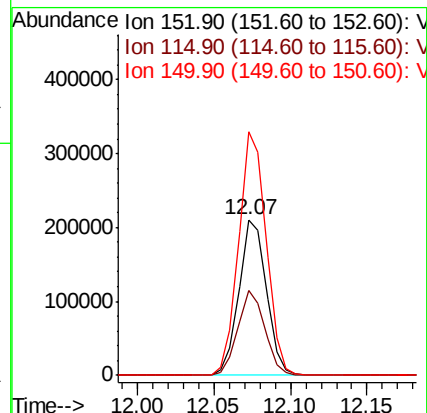
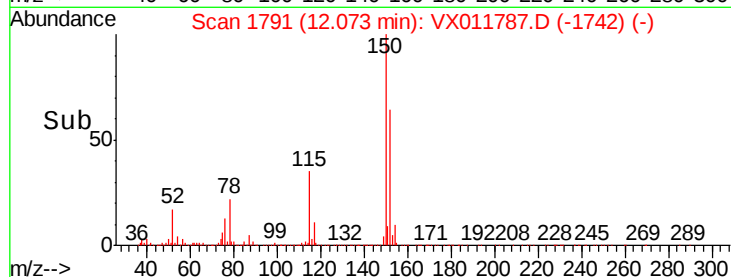
150 157.2 0.0 343.0



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: 24.204 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011787.D

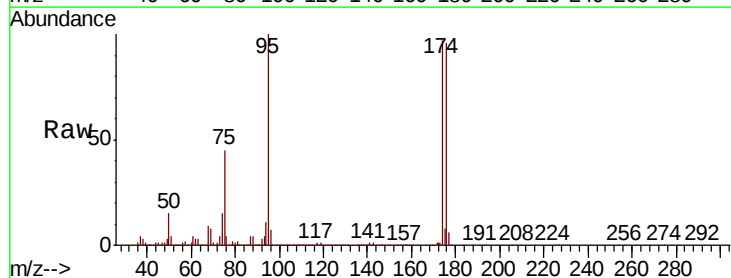
Acq: 23 Aug 2019 10:48

Tgt Ion: 75 Resp: 111143

Ion Ratio Lower Upper

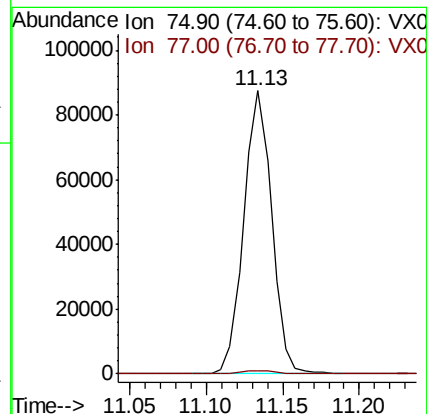
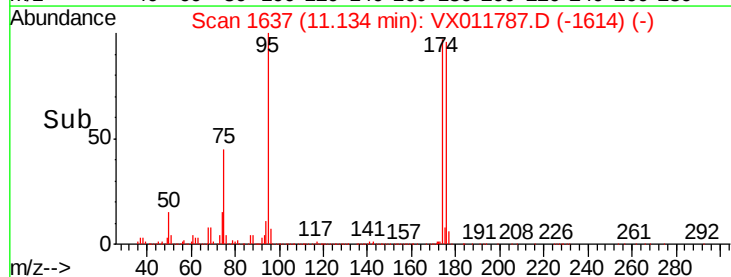
75 100

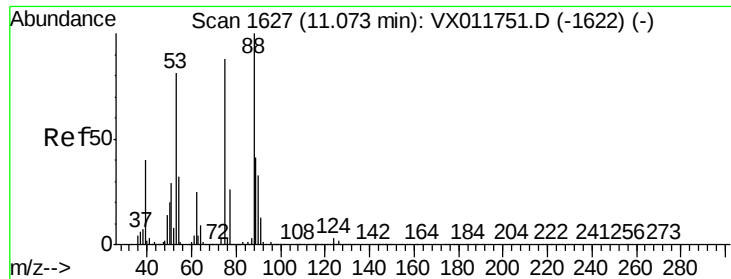
77 1.2 21.1 63.3#



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: 72.996 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011787.D

Acq: 23 Aug 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBL01

Tgt Ion: 75 Resp: 111143

Ion Ratio Lower Upper

75 100

53 0.4 77.1 115.7#

89 0.1 38.5 57.7#

