

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
 Data File : VX011621.D
 Acq On : 19 Aug 2019 10:50
 Operator : JC/SP
 Sample : VX0819WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBL01

Quant Time: Aug 20 09:35:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	602286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	527188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	257251	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	205799	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.49	113	178974	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
50) Toluene-d8	8.71	98	678529	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
62) 4-Bromofluorobenzene	11.13	95	234508	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

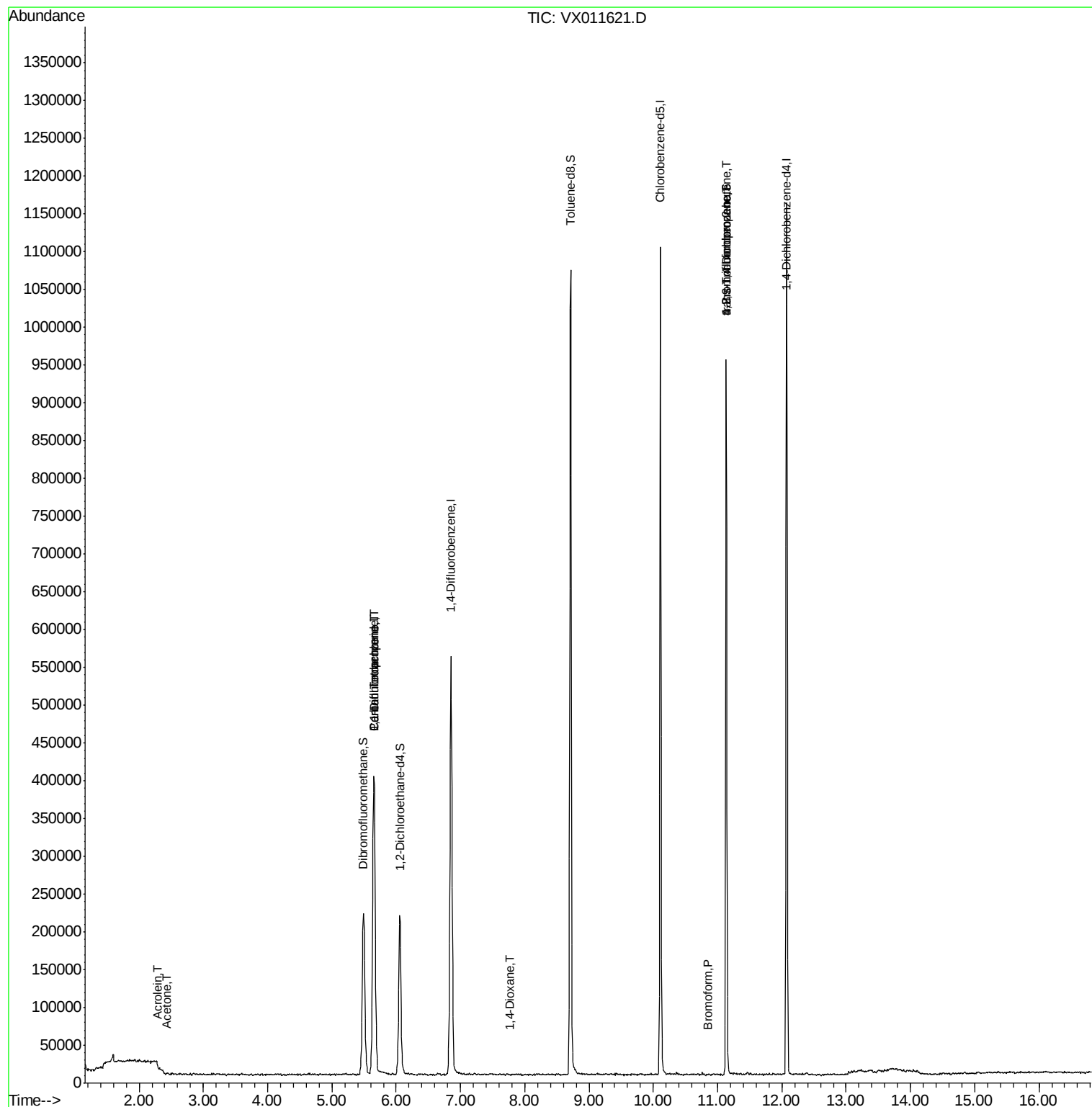
Target Compounds						Qvalue
13) Acrolein	2.29	56	491	13.702	ug/l #	49
16) Acetone	2.43	43	412	0.201	ug/l #	43
36) 1,1-Dichloropropene	5.65	75	24648	4.787	ug/l #	51
38) Carbon Tetrachloride	5.65	117	36621	6.455	ug/l #	17
49) 1,4-Dioxane	7.77	88	83	0.682	ug/l #	1
71) Bromoform	10.85	173	87	3.311	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	108354	22.212	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	108354	59.259	ug/l #	11

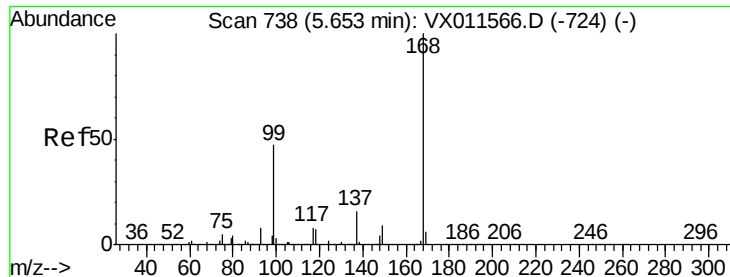
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
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MSVOA_X
ClientSampleId :
VX0819WBL01

Quant Time: Aug 20 09:35:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 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: VX011621.D

Acq: 19 Aug 2019 10:50

Instrument :

MSVOA_X

ClientSampleId :

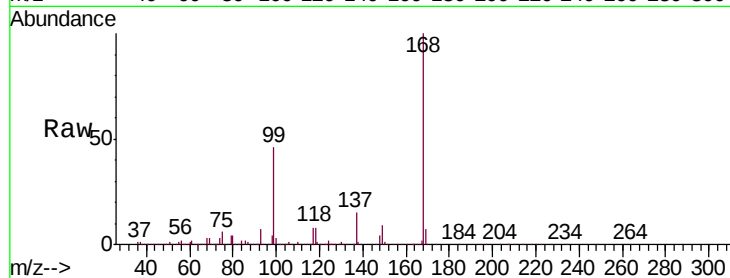
VX0819WBL01

Tgt Ion:168 Resp: 439452

Ion Ratio Lower Upper

168 100

99 45.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

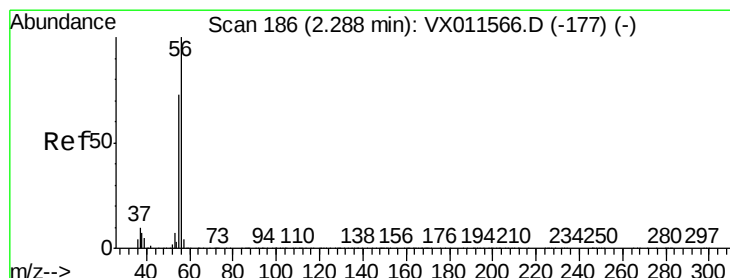
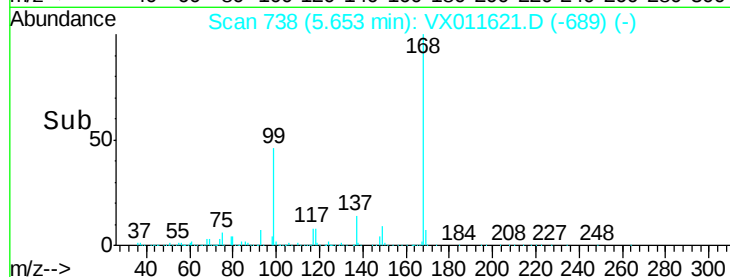
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#13

Acrolein

Concen: 13.702 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011621.D

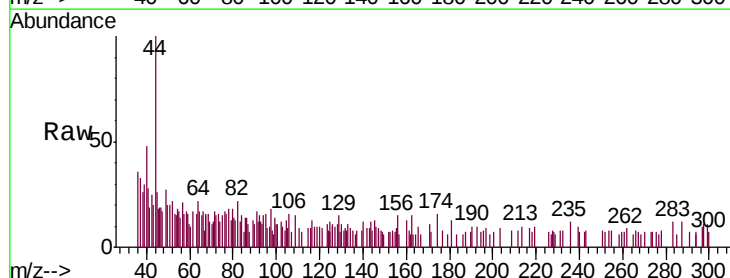
Acq: 19 Aug 2019 10:50

Tgt Ion: 56 Resp: 491

Ion Ratio Lower Upper

56 100

55 27.7 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

500

400

300

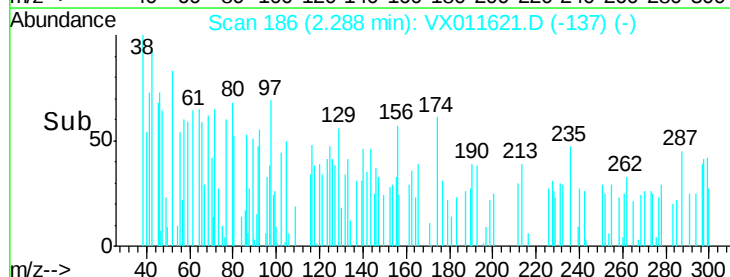
200

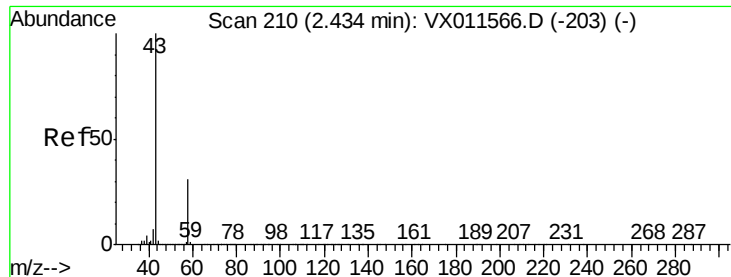
100

0

Time-->

2.26 2.28 2.30 2.32

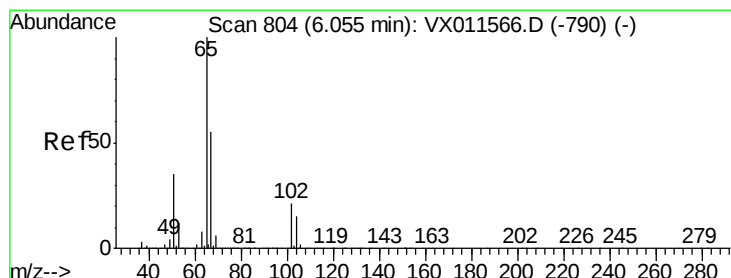
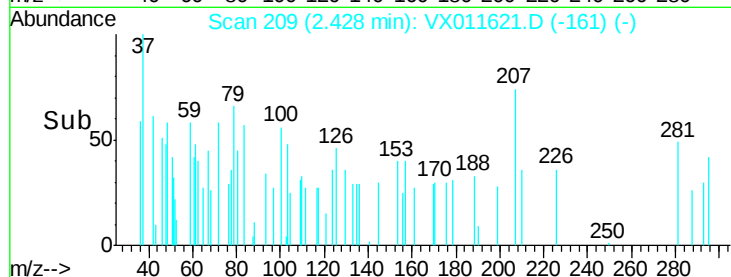
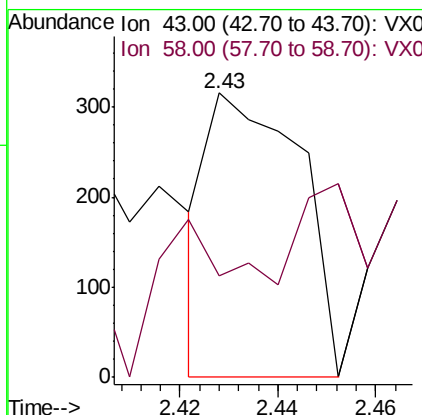
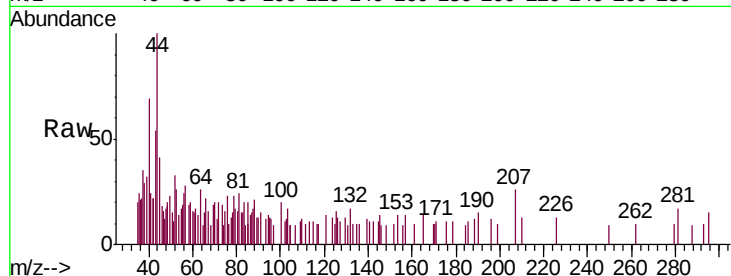




#16
Acetone
Concen: 0.201 ug/l
RT: 2.43 min Scan# 209
Delta R.T. -0.01 min
Lab File: VX011621.D
Acq: 19 Aug 2019 10:50

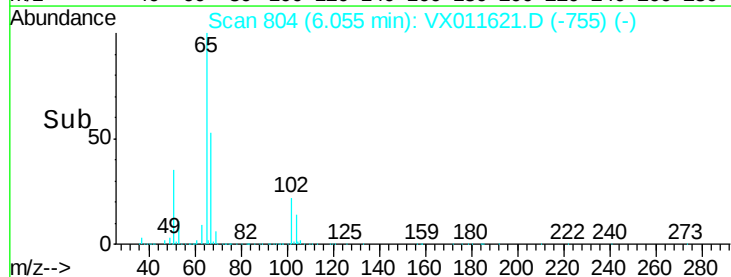
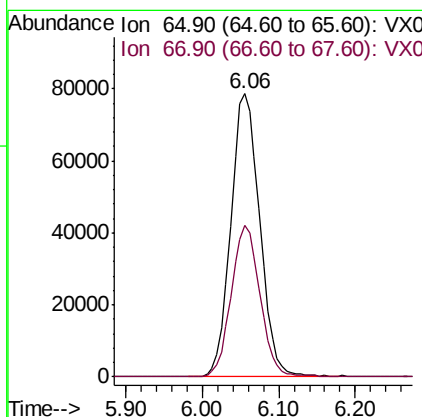
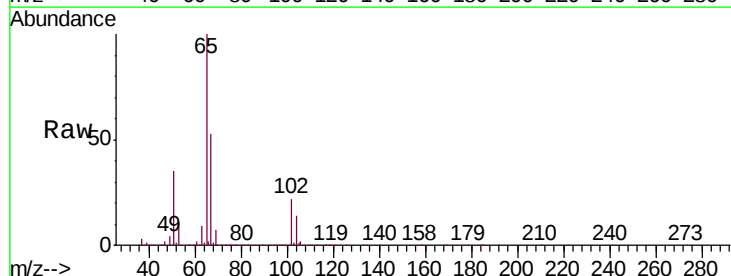
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBL01

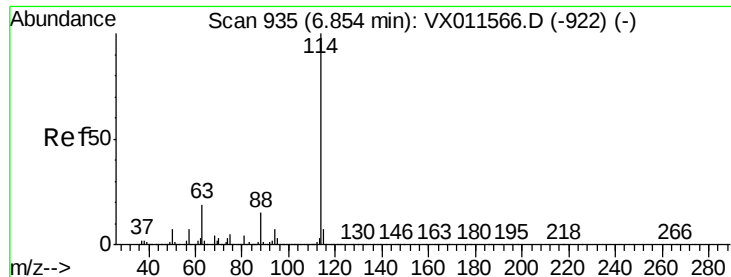
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#33
1,2-Dichloroethane-d4
Concen: 50.499 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011621.D
Acq: 19 Aug 2019 10:50

Tgt Ion: 65 Resp: 205799
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

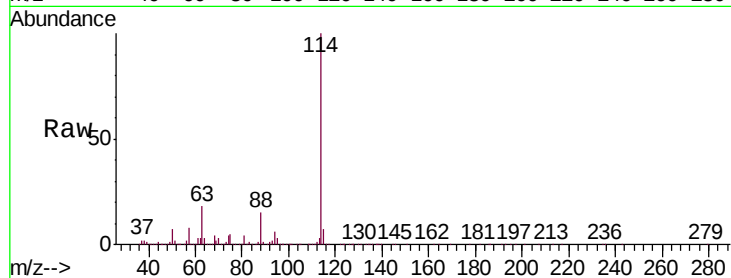
Tgt Ion:114 Resp: 602286

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

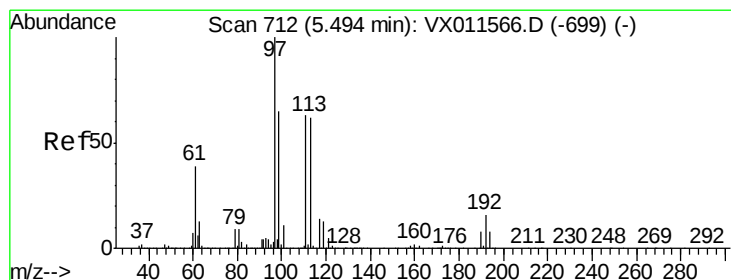
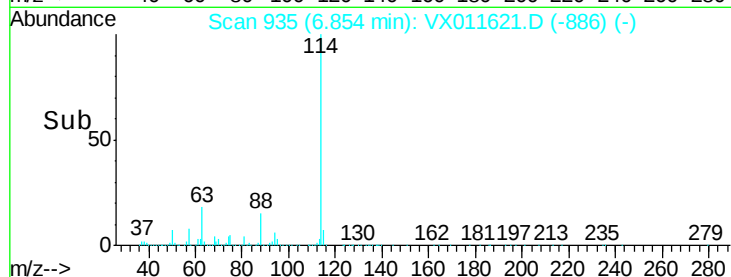
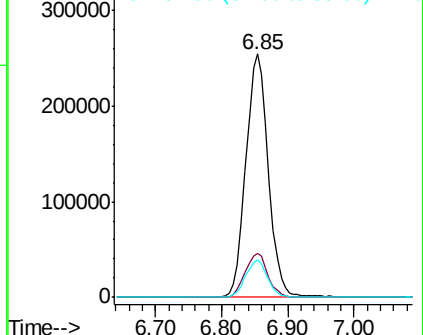
88 15.2 0.0 30.2



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: 45.433 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

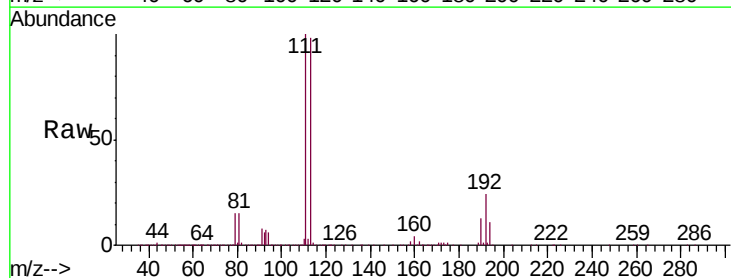
Tgt Ion:113 Resp: 178974

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

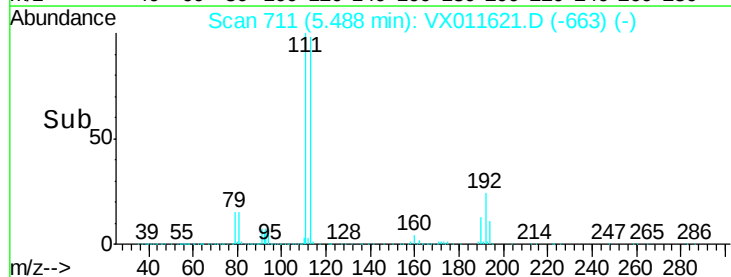
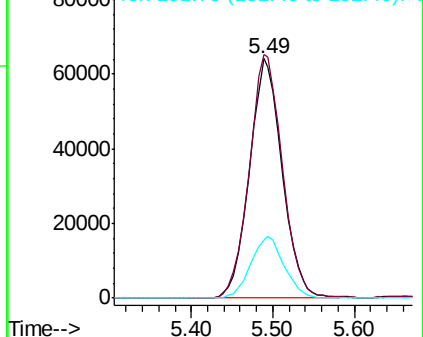
192 26.2 20.8 31.2

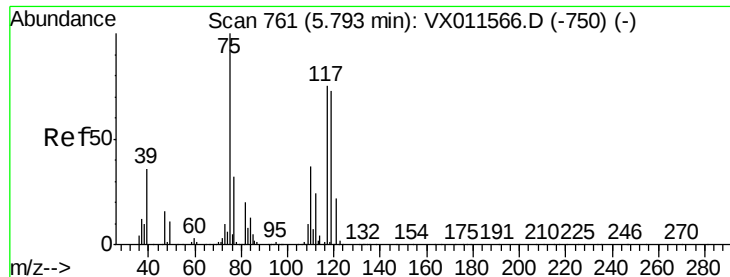


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.787 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

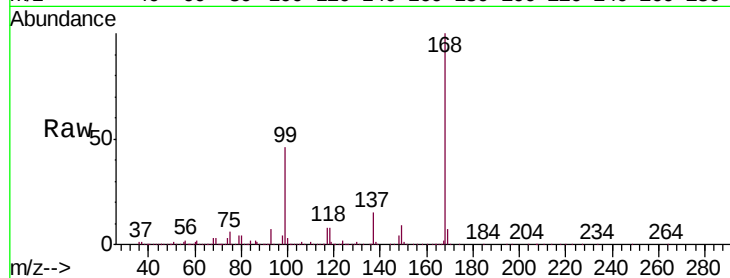
Tgt Ion: 75 Resp: 24648

Ion Ratio Lower Upper

75 100

110 12.9 19.4 58.1#

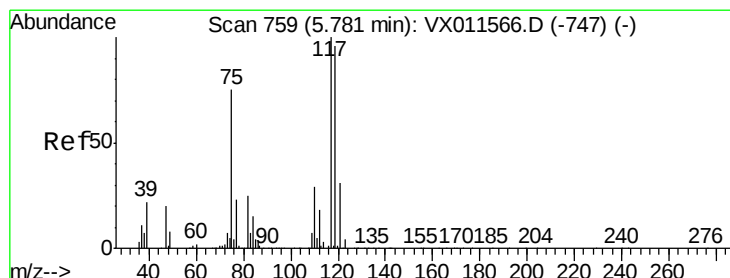
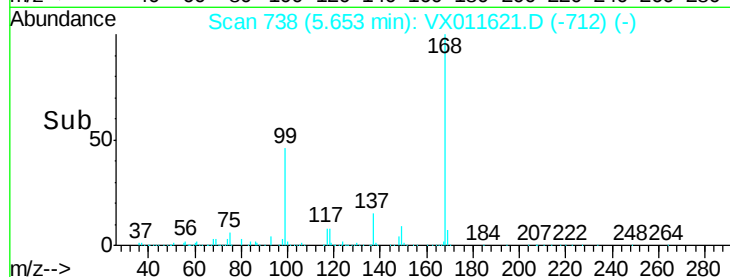
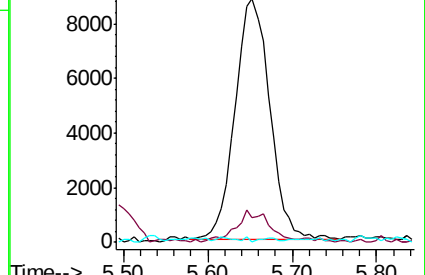
77 0.0 25.1 37.7#



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: 6.455 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

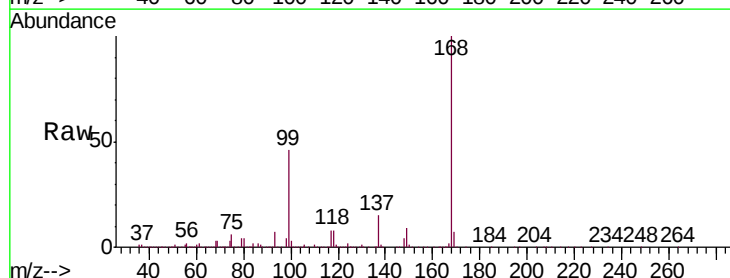
Tgt Ion: 117 Resp: 36621

Ion Ratio Lower Upper

117 100

119 6.4 76.9 115.3#

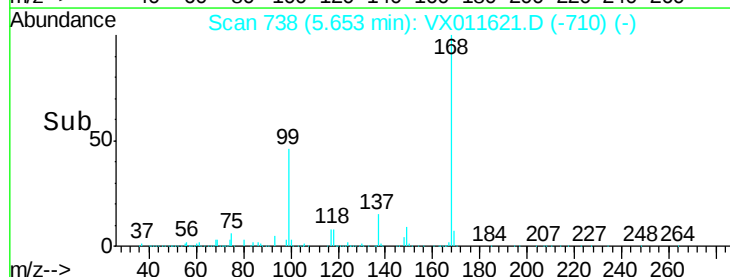
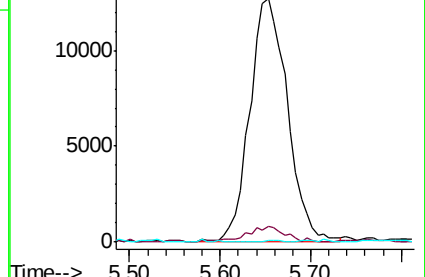
121 0.5 24.8 37.2#

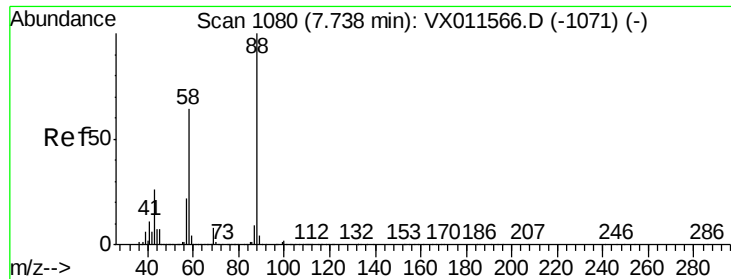


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

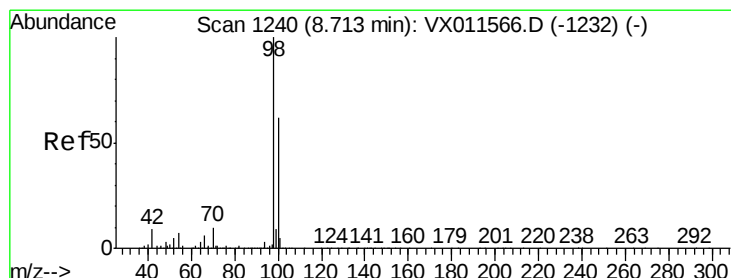
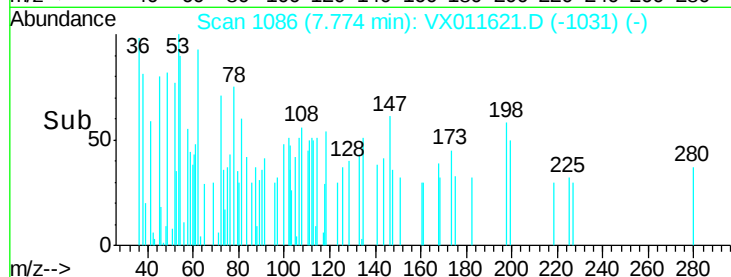
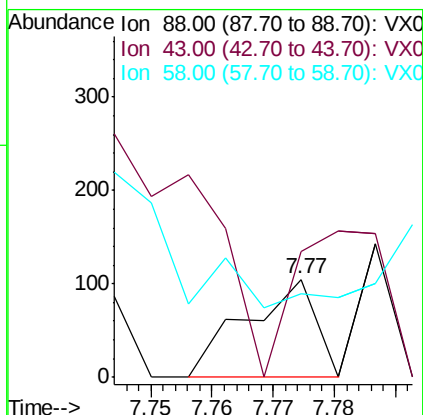
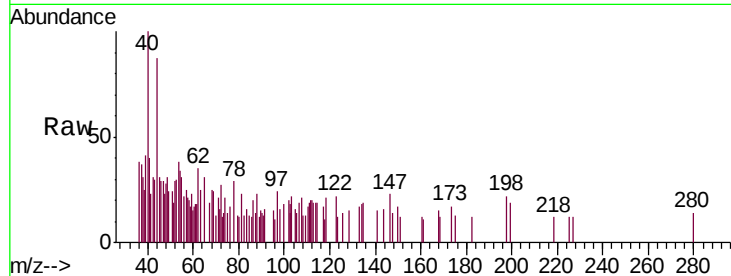




#49
1,4-Dioxane
Concen: 0.682 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX011621.D
Acq: 19 Aug 2019 10:50

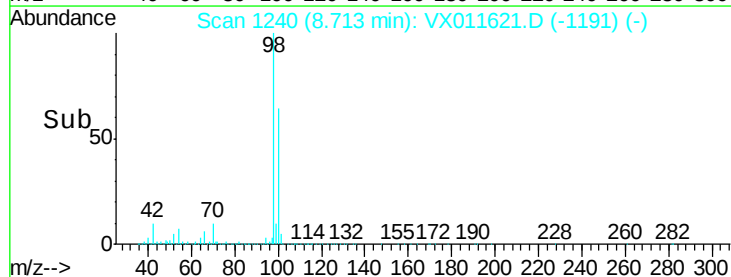
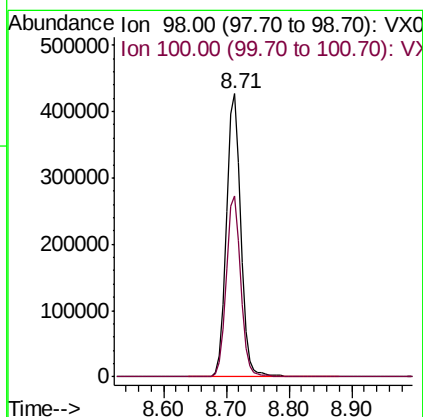
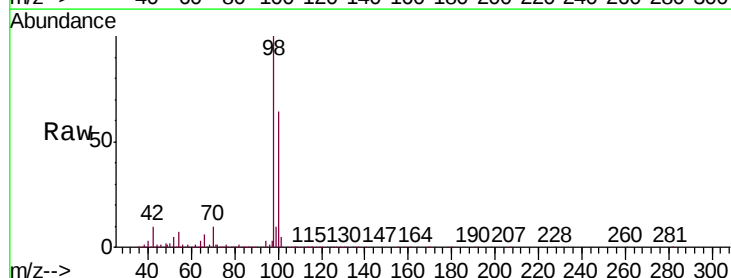
Instrument :
MSVOA_X
ClientSampled :
VX0819WBL01

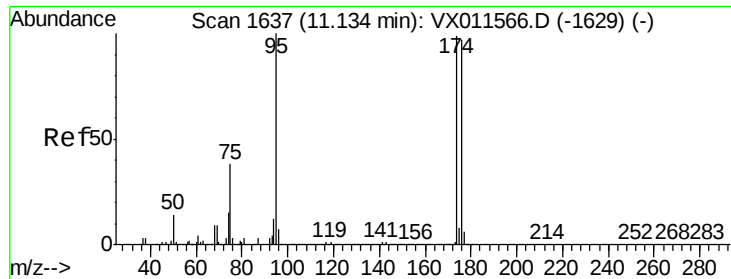
Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 241.0 23.4 35.0#
58 0.0 54.3 81.5#



#50
Toluene-d8
Concen: 55.280 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011621.D
Acq: 19 Aug 2019 10:50

Tgt Ion: 98 Resp: 678529
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 45.264 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

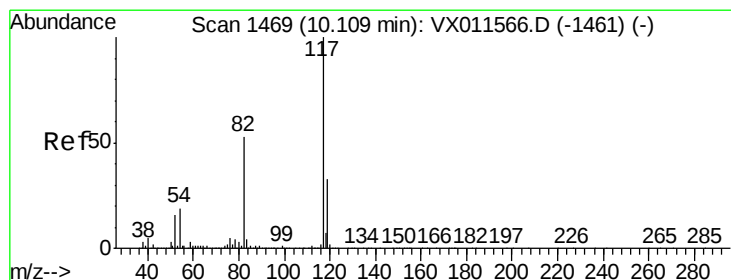
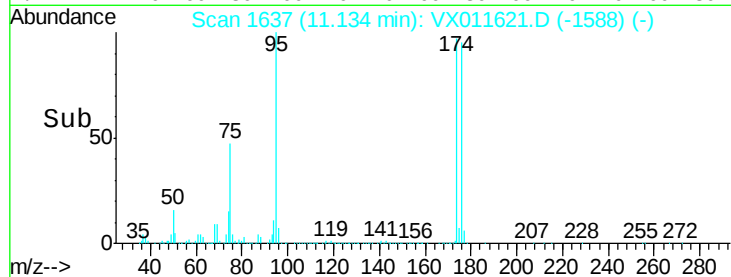
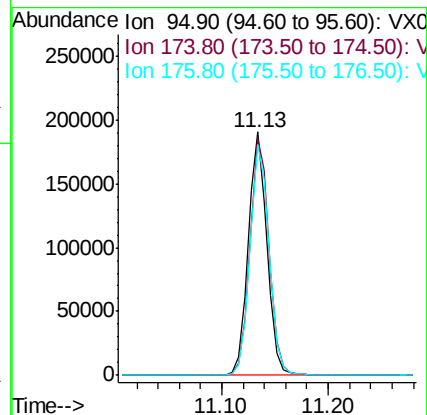
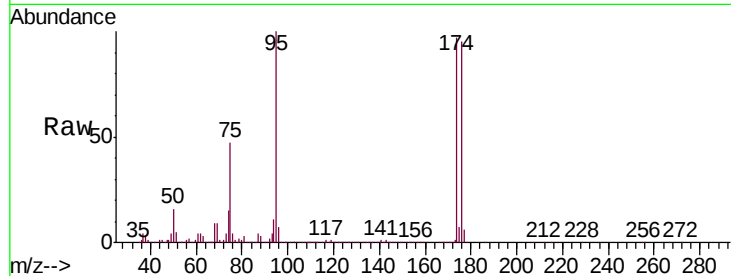
Tgt Ion: 95 Resp: 234508

Ion Ratio Lower Upper

95 100

174 99.7 0.0 200.6

176 97.1 0.0 196.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

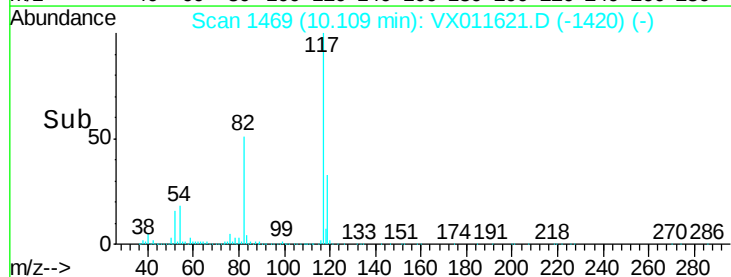
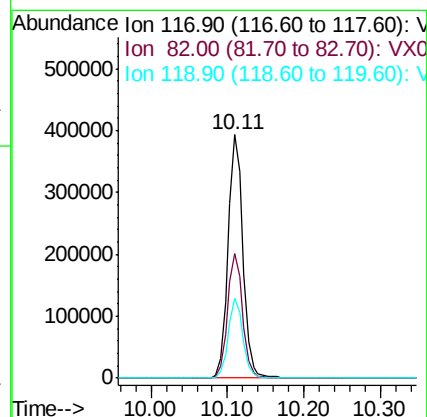
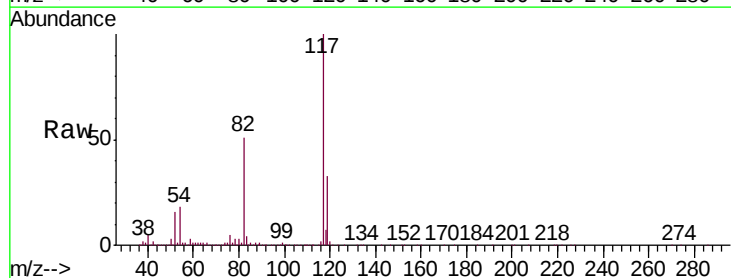
Tgt Ion: 117 Resp: 527188

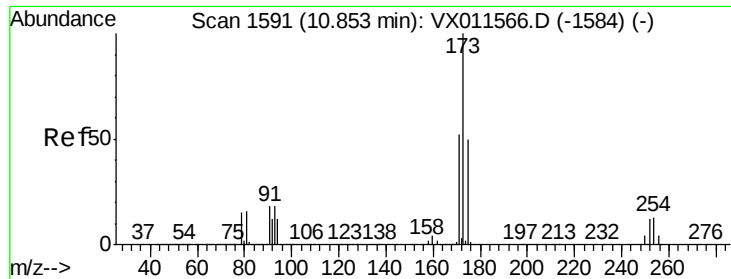
Ion Ratio Lower Upper

117 100

82 51.0 42.0 63.0

119 32.6 26.5 39.7





#71

Bromoform

Concen: 3.311 ug/l

RT: 10.85 min Scan# 1590

Delta R.T. -0.01 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBL01

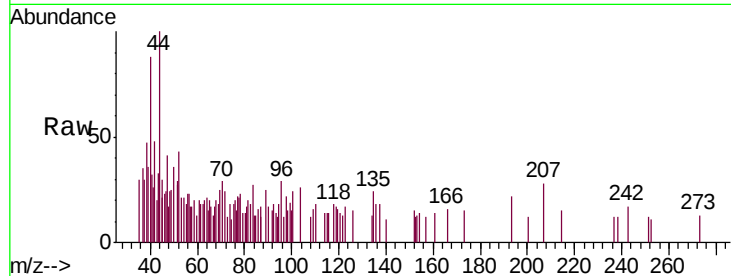
Tgt Ion:173 Resp: 87

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

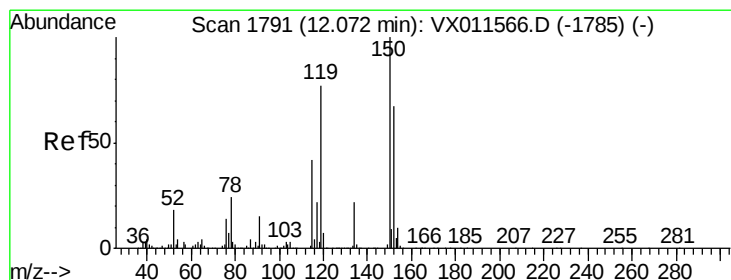
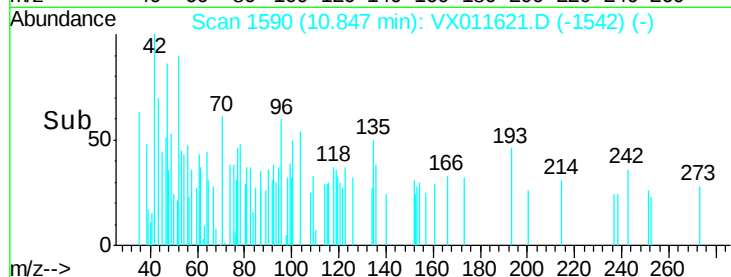
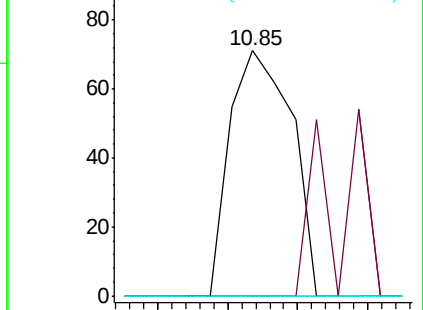
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

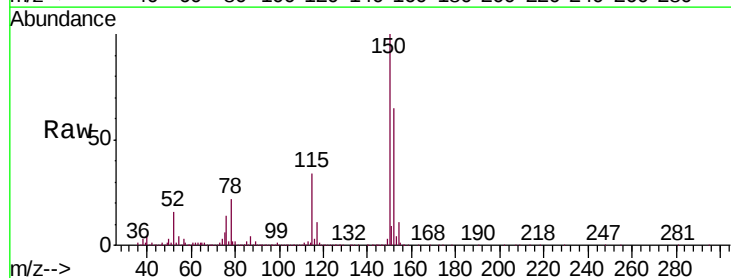
Tgt Ion:152 Resp: 257251

Ion Ratio Lower Upper

152 100

115 52.7 37.3 111.9

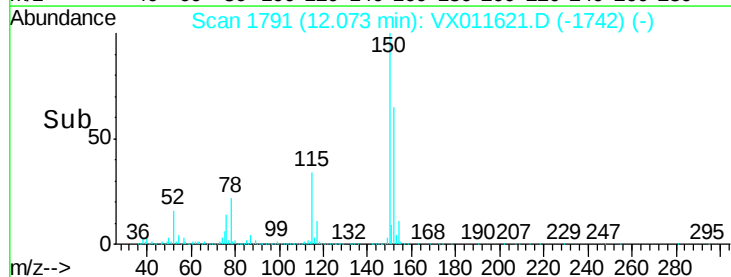
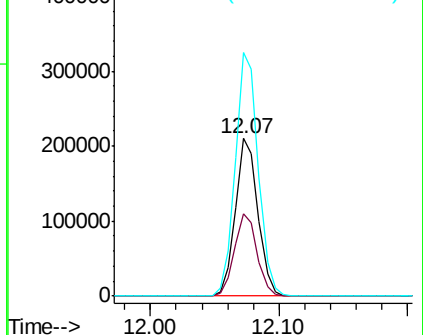
150 156.7 0.0 346.2

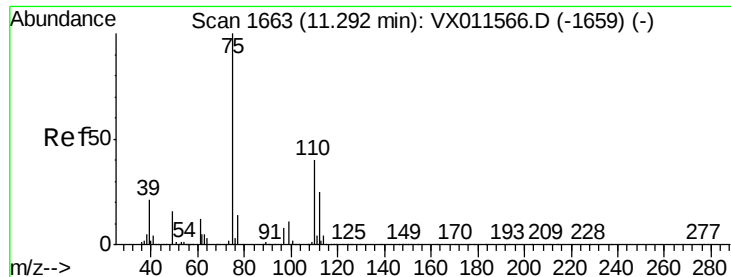


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.212 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

Instrument :

MSVOA_X

ClientSampleId :

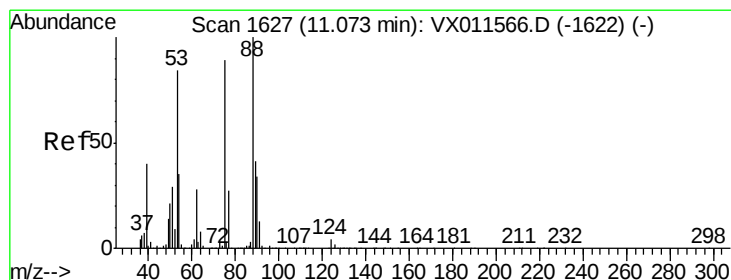
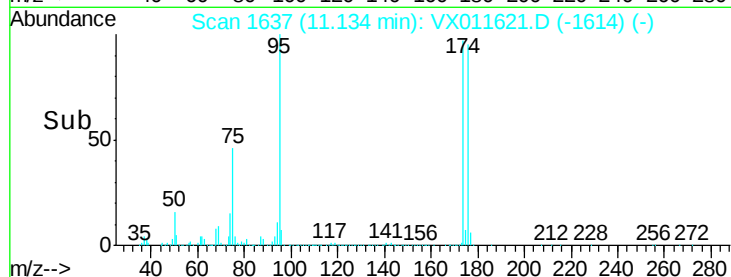
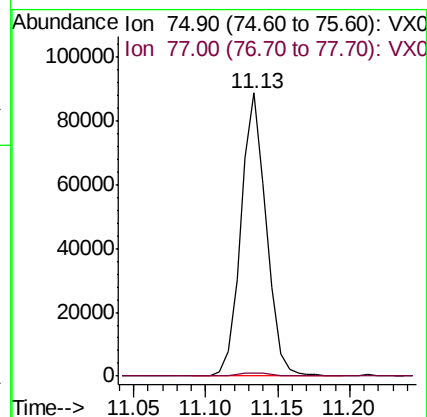
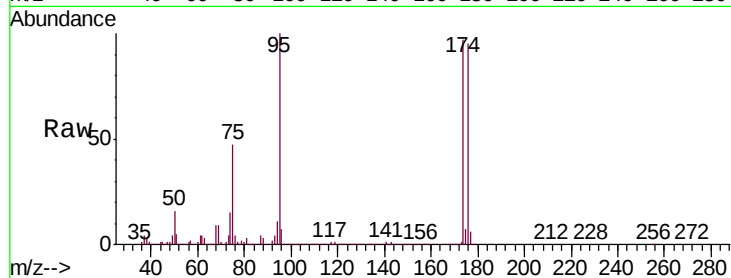
VX0819WBL01

Tgt Ion: 75 Resp: 108354

Ion Ratio Lower Upper

75 100

77 1.5 20.9 62.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.259 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011621.D

Acq: 19 Aug 2019 10:50

Tgt Ion: 75 Resp: 108354

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.1 37.3 55.9#

