

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011696.D
 Acq On : 20 Aug 2019 20:30
 Operator : JC/SP
 Sample : VX0820WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBL02

Quant Time: Aug 20 23:27:03 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	5.66	168	355882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	523426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	490114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	233089	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	188059	56.98	ug/l	0.00
Spiked Amount			Recovery	=	113.96%	
35) Dibromofluoromethane	5.49	113	150683	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	
50) Toluene-d8	8.71	98	627748	58.85	ug/l	0.00
Spiked Amount			Recovery	=	117.70%	
62) 4-Bromofluorobenzene	11.13	95	219147	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	

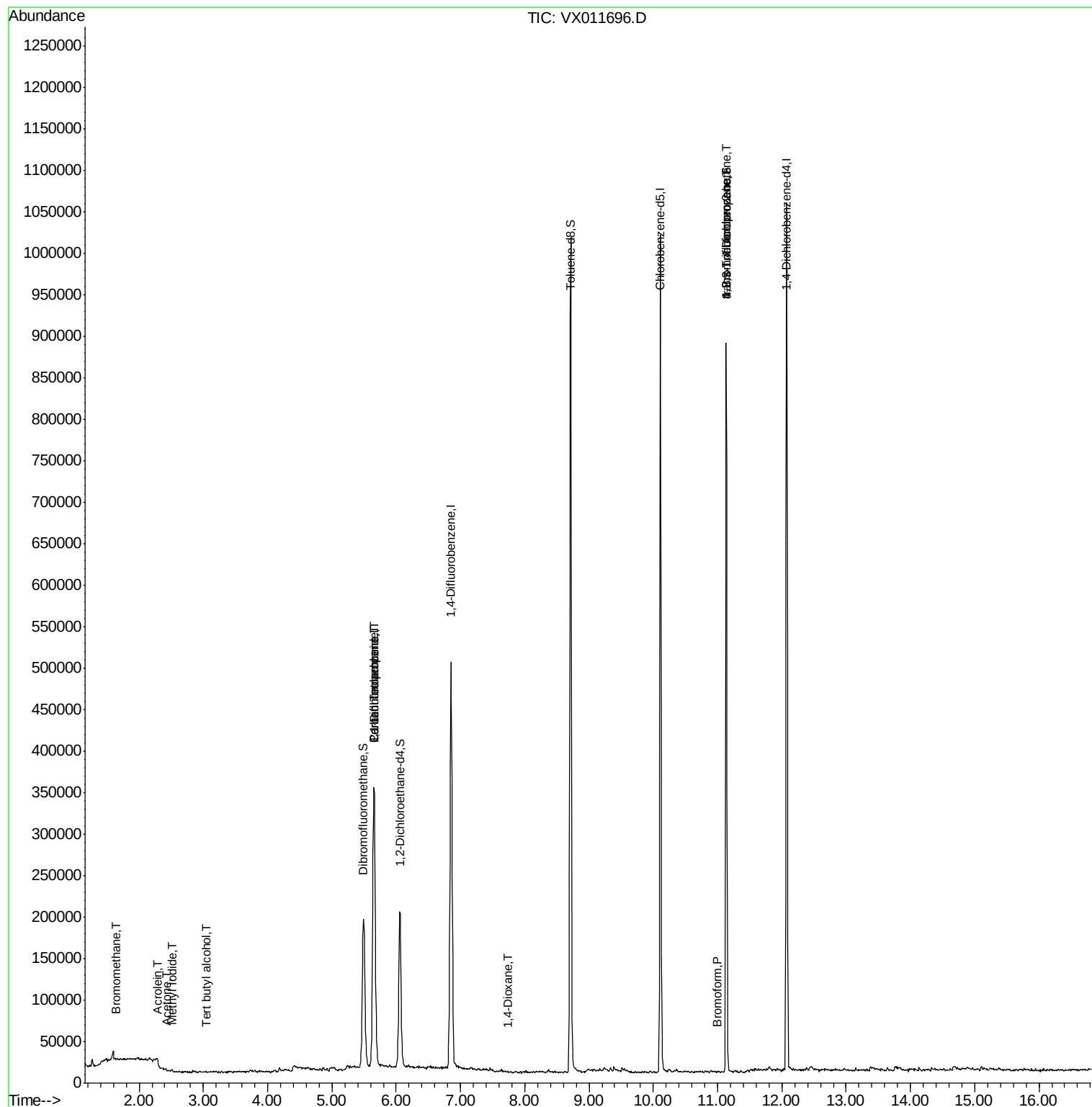
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	452	0.307	ug/l #	75
10) Methyl Iodide	2.51	142	1989	0.445	ug/l	89
11) Tert butyl alcohol	3.04	59	341	0.421	ug/l #	1
13) Acrolein	2.29	56	320	13.406	ug/l #	64
16) Acetone	2.43	43	1019	0.614	ug/l #	71
36) 1,1-Dichloropropene	5.66	75	21275	4.754	ug/l #	51
38) Carbon Tetrachloride	5.65	117	31423	6.373	ug/l #	16
49) 1,4-Dioxane	7.75	88	169	1.597	ug/l #	1
71) Bromoform	10.99	173	72	3.309	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	102269	23.138	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	102269	61.542	ug/l #	11

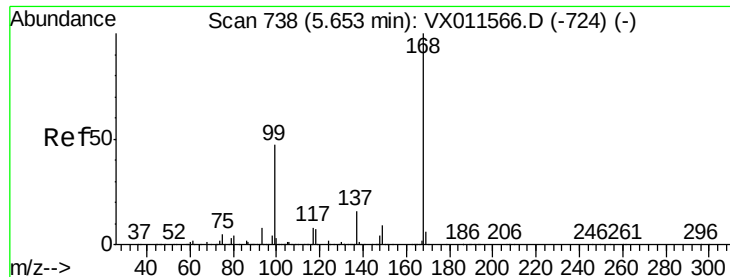
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
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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: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

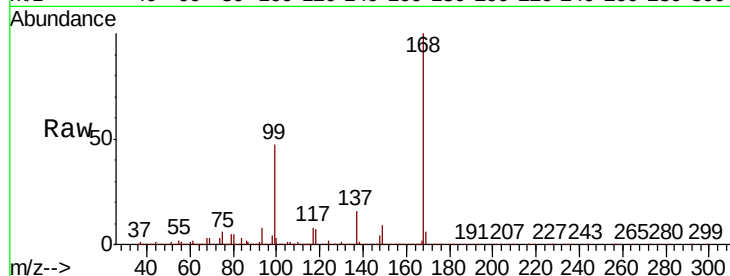
VX0820WBL02

Tgt Ion:168 Resp: 355882

Ion Ratio Lower Upper

168 100

99 47.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

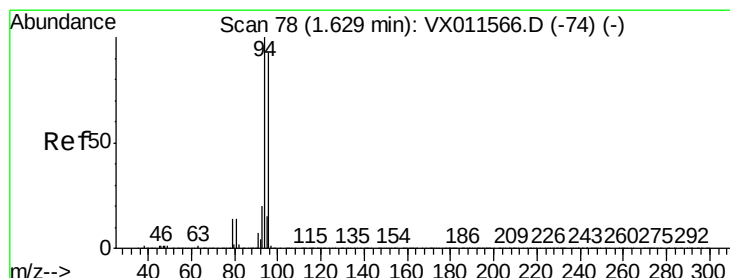
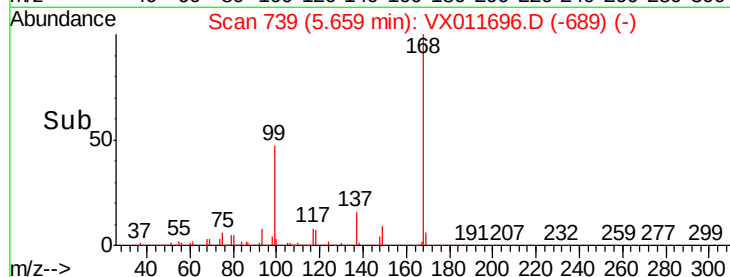
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#5

Bromomethane

Concen: 0.307 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.02 min

Lab File: VX011696.D

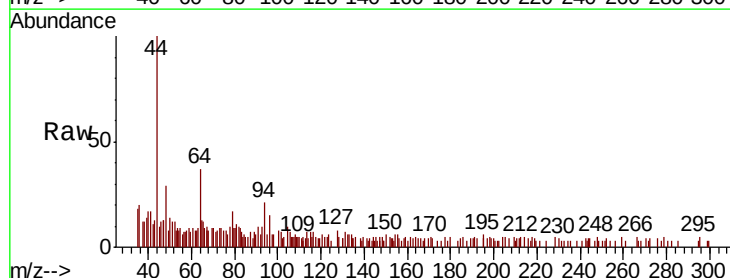
Acq: 20 Aug 2019 20:30

Tgt Ion: 94 Resp: 452

Ion Ratio Lower Upper

94 100

96 69.3 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

500

400

300

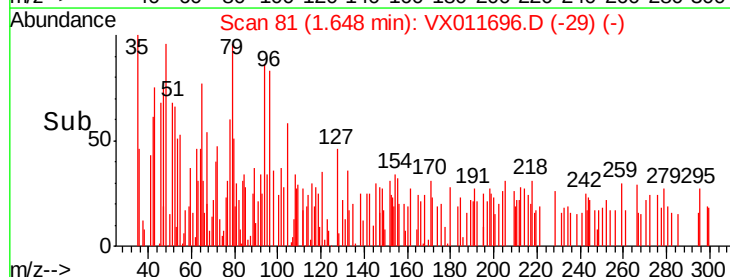
200

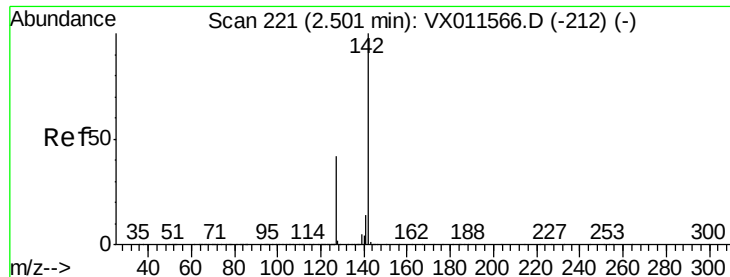
100

0

1.60 1.65

Time-->

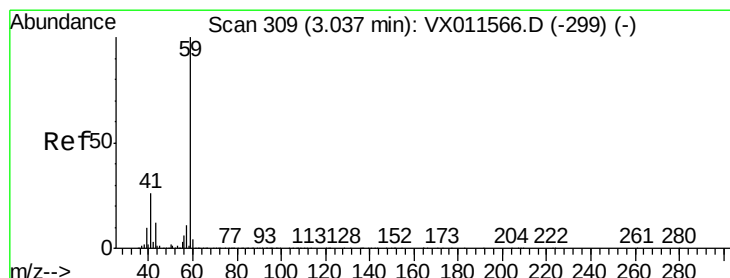
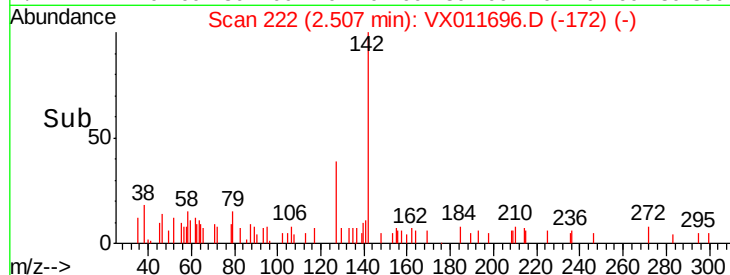
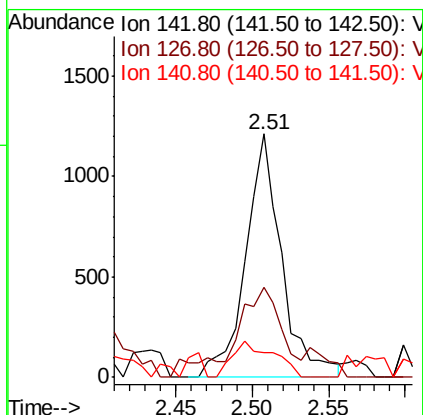
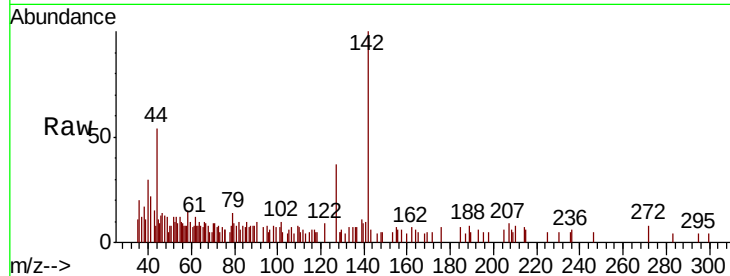




#10
Methyl Iodide
Concen: 0.445 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX011696.D
Acq: 20 Aug 2019 20:30

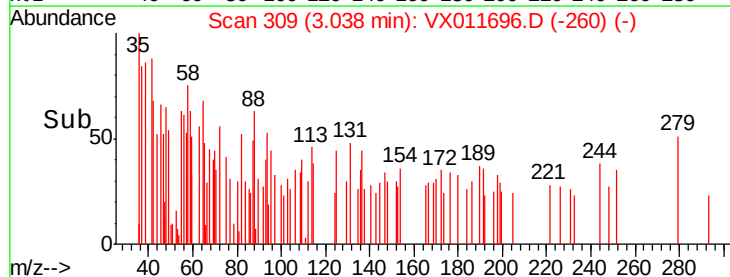
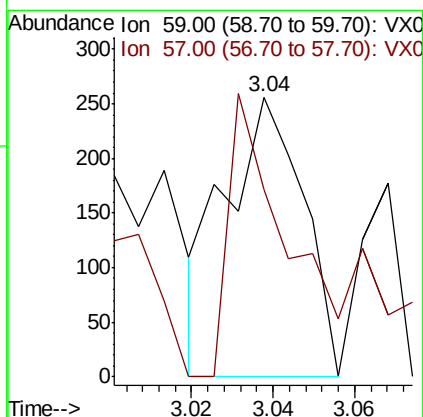
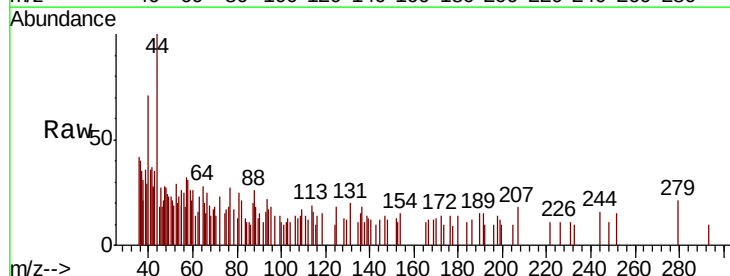
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL02

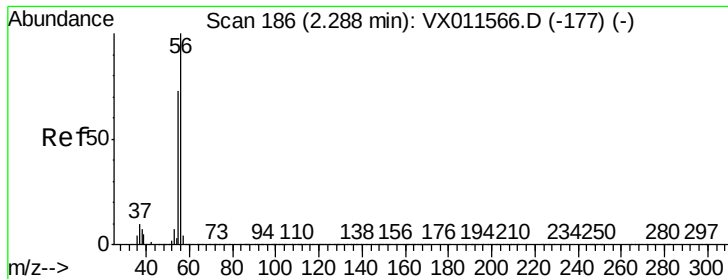
Tgt Ion:142 Resp: 1989
Ion Ratio Lower Upper
142 100
127 48.8 32.8 49.2
141 17.1 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.421 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011696.D
Acq: 20 Aug 2019 20:30

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 75.7 8.7 13.1#





#13

Acrolein

Concen: 13.406 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

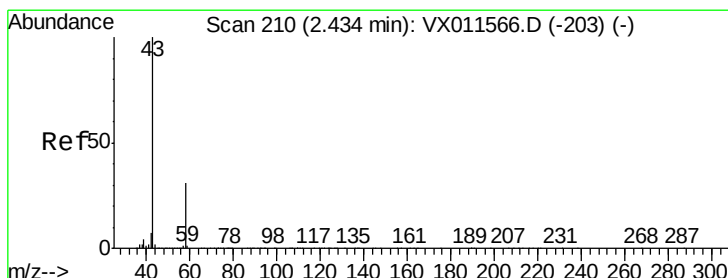
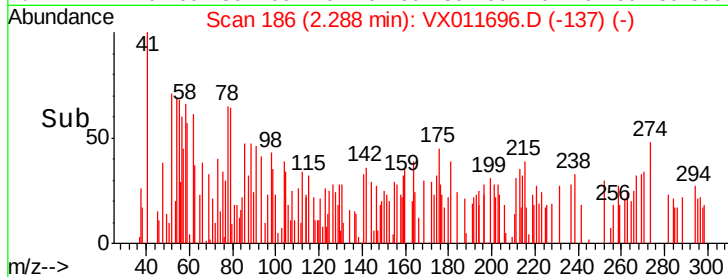
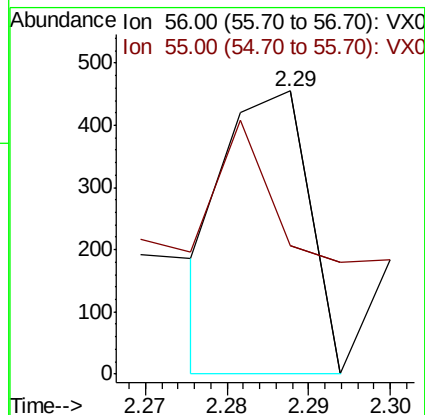
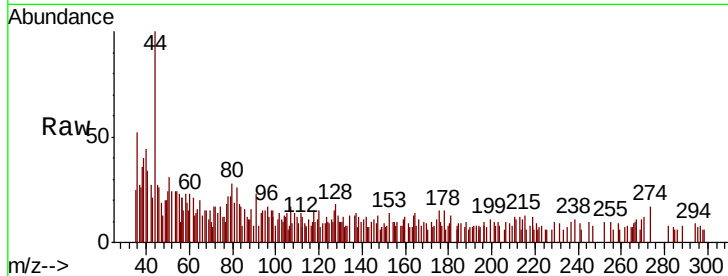
VX0820WBL02

Tgt Ion: 56 Resp: 320

Ion Ratio Lower Upper

56 100

55 40.3 55.5 83.3#



#16

Acetone

Concen: 0.614 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011696.D

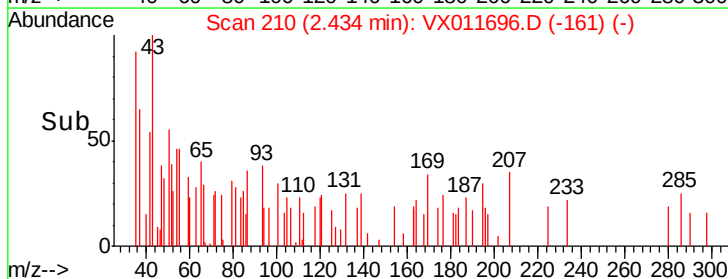
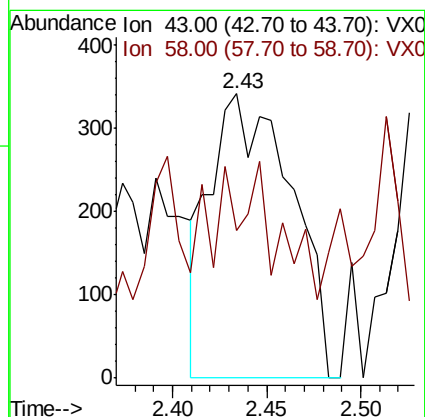
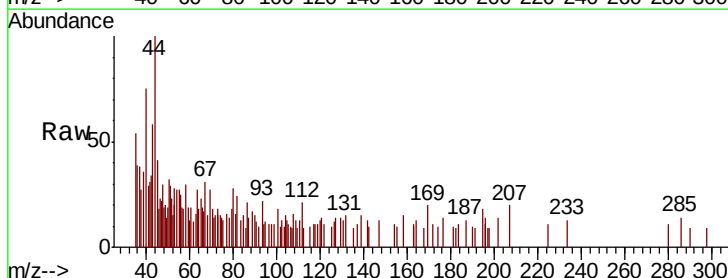
Acq: 20 Aug 2019 20:30

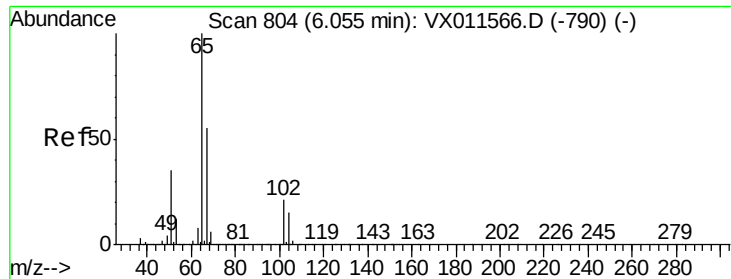
Tgt Ion: 43 Resp: 1019

Ion Ratio Lower Upper

43 100

58 15.2 25.2 37.8#

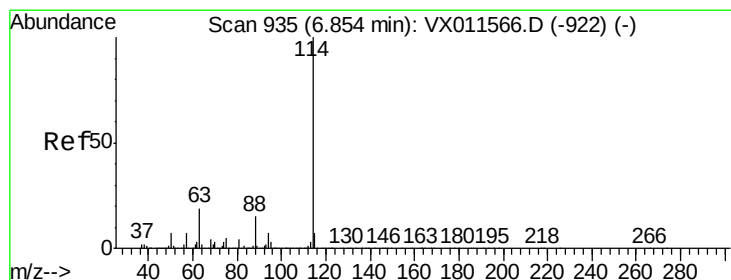
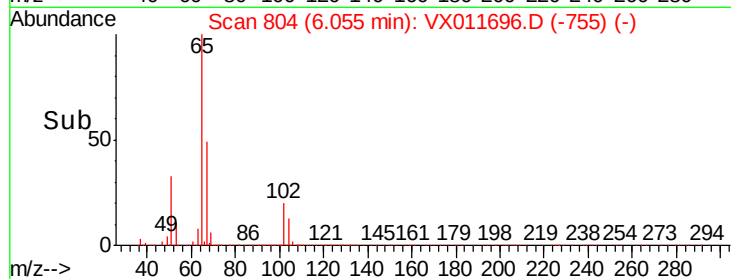
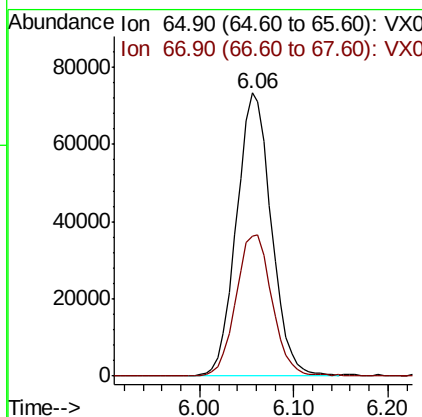
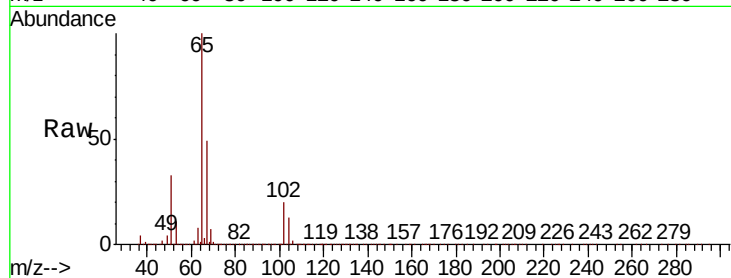




#33
 1,2-Dichloroethane-d4
 Concen: 56.982 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011696.D
 Acq: 20 Aug 2019 20:30

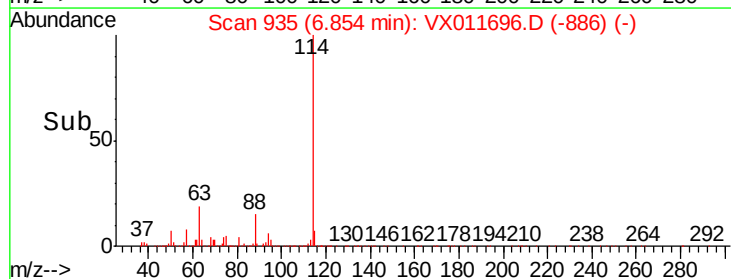
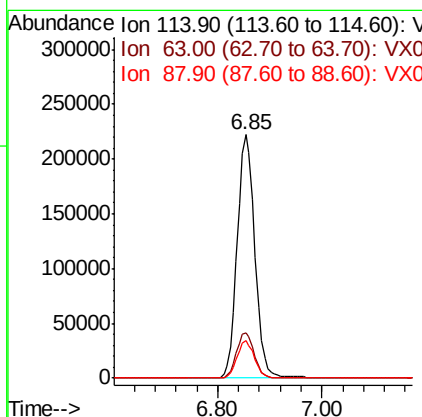
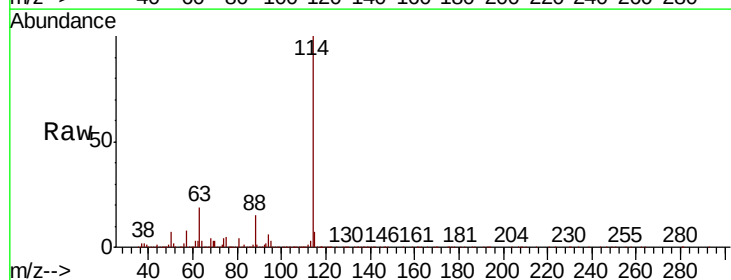
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBL02

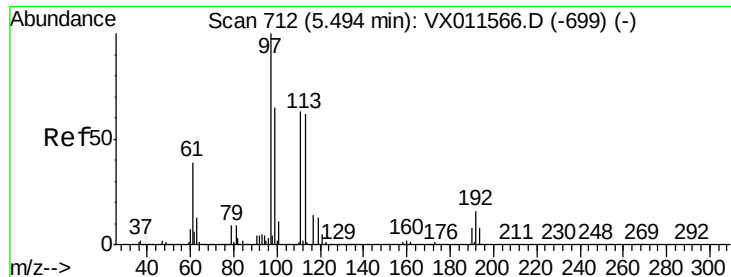
Tgt Ion: 65 Resp: 188059
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011696.D
 Acq: 20 Aug 2019 20:30

Tgt Ion: 114 Resp: 523426
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.014 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBL02

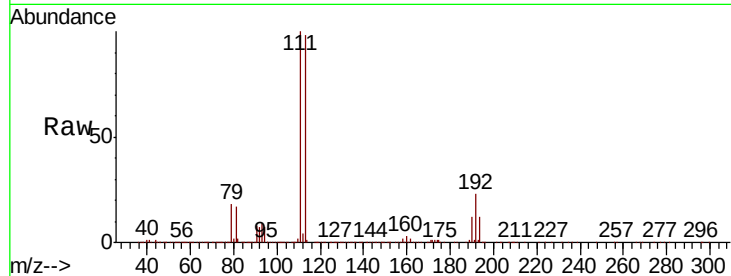
Tgt Ion:113 Resp: 150683

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

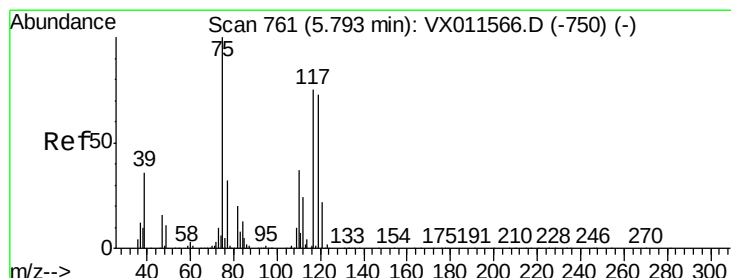
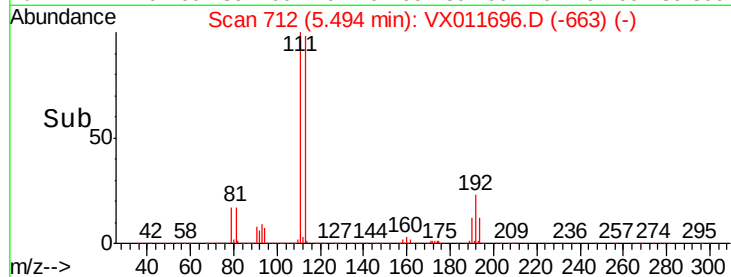
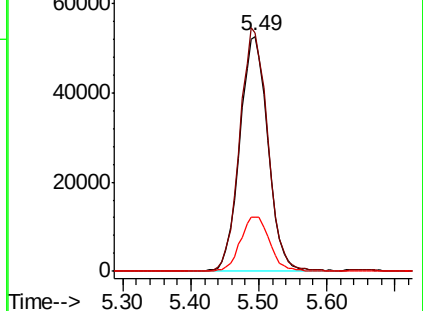
192 24.3 20.8 31.2



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: 4.754 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

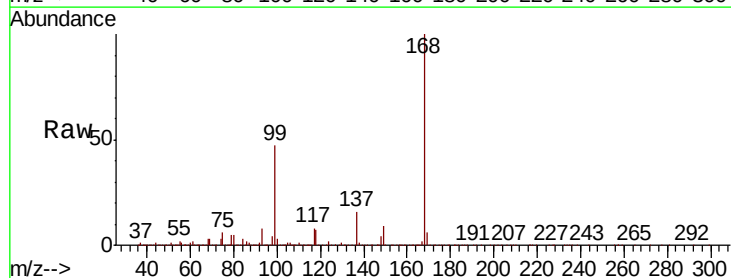
Tgt Ion: 75 Resp: 21275

Ion Ratio Lower Upper

75 100

110 12.5 19.4 58.1#

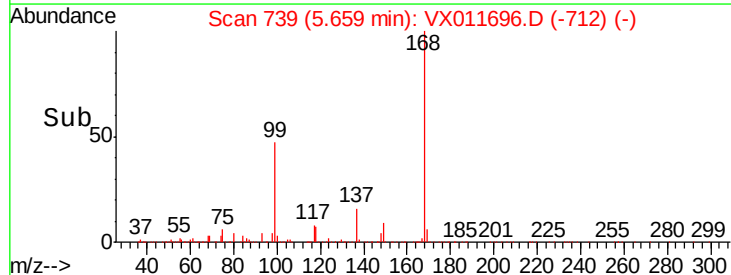
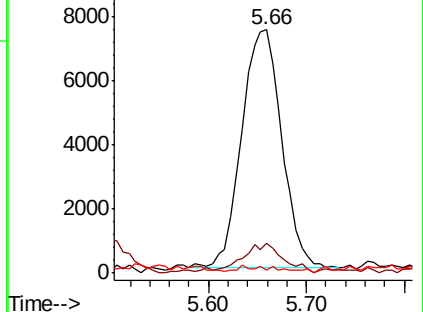
77 0.0 25.1 37.7#

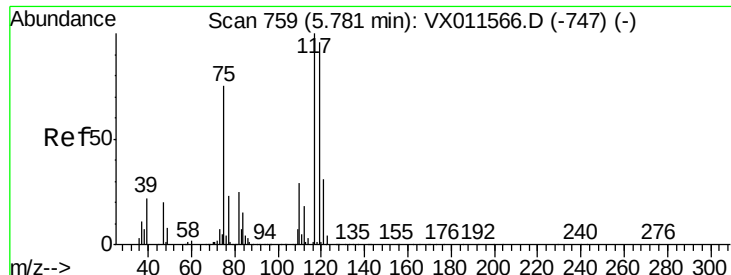


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.373 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

VX0820WBL02

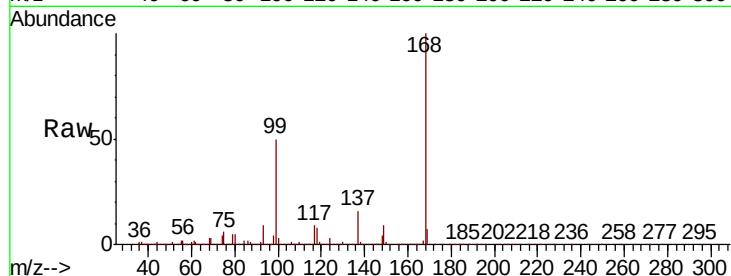
Tgt Ion: 117 Resp: 31423

Ion Ratio Lower Upper

117 100

119 5.5 76.9 115.3#

121 0.2 24.8 37.2#

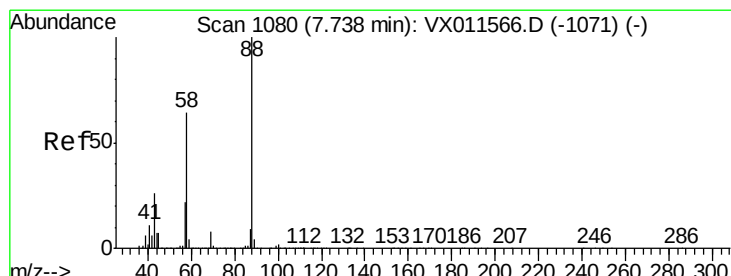
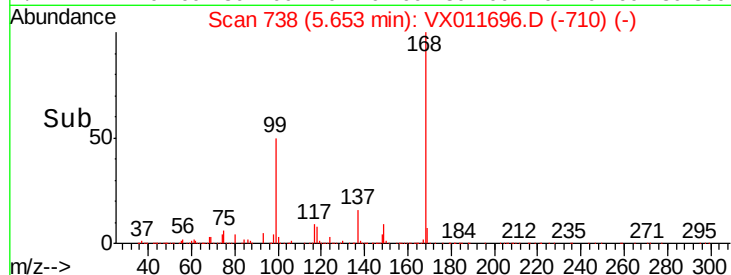
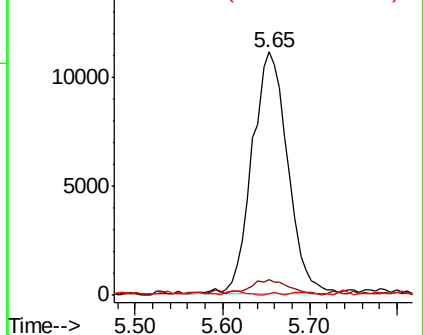


Abundance

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: 1.597 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

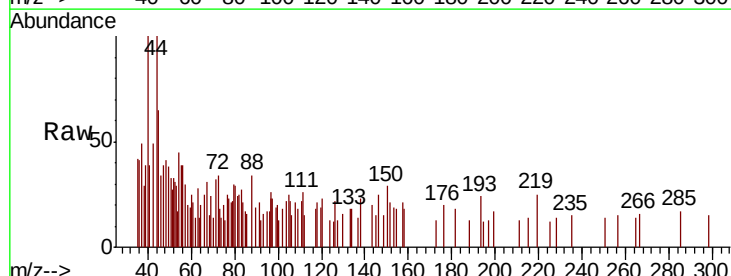
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.0#

58 176.9 54.3 81.5#

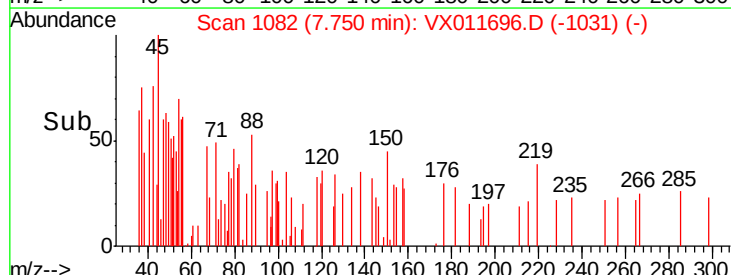
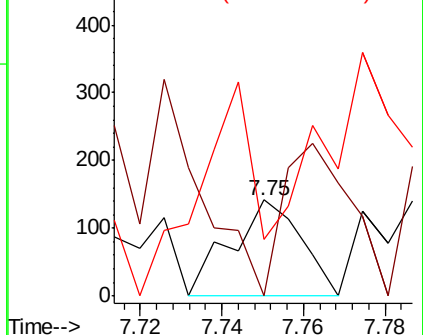


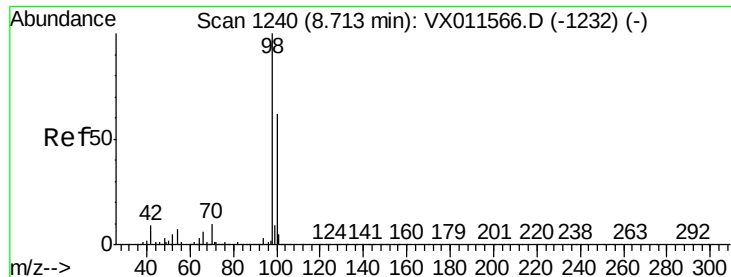
Abundance

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

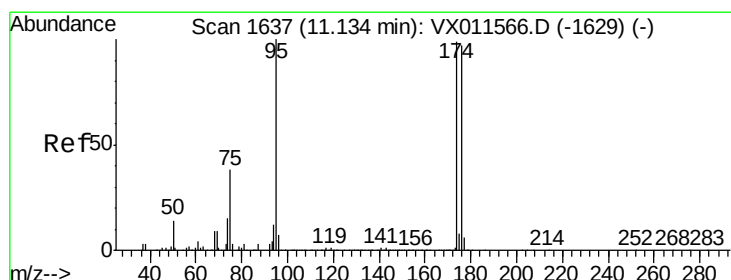
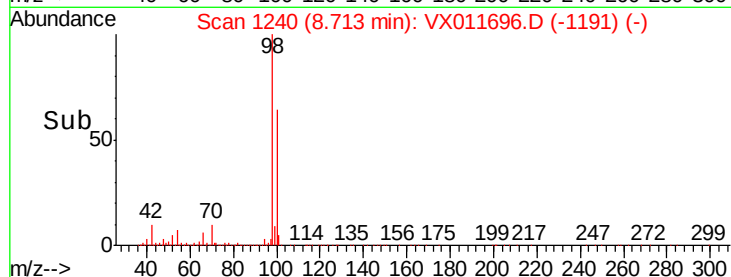
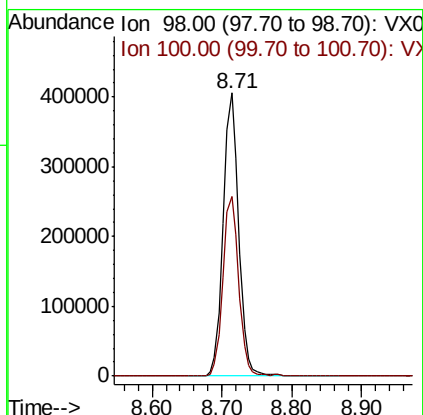
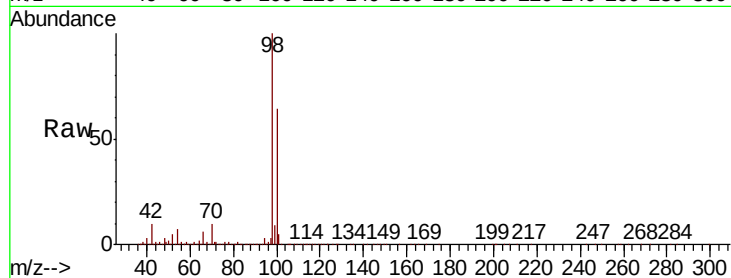




#50
Toluene-d8
Concen: 58.848 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011696.D
Acq: 20 Aug 2019 20:30

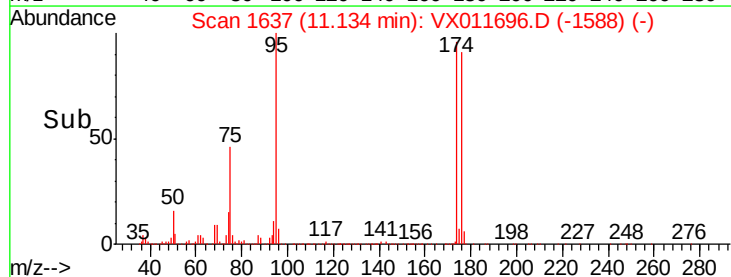
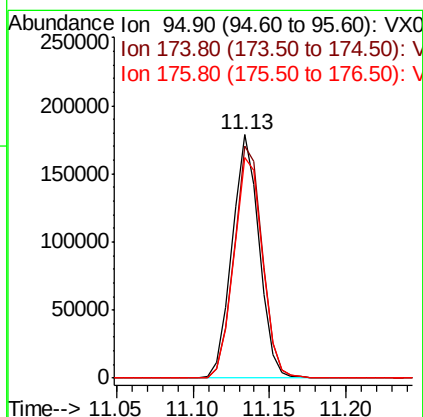
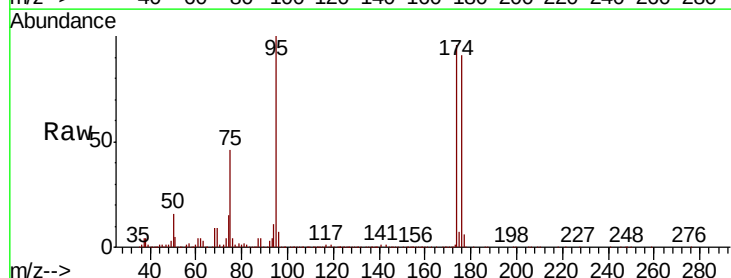
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL02

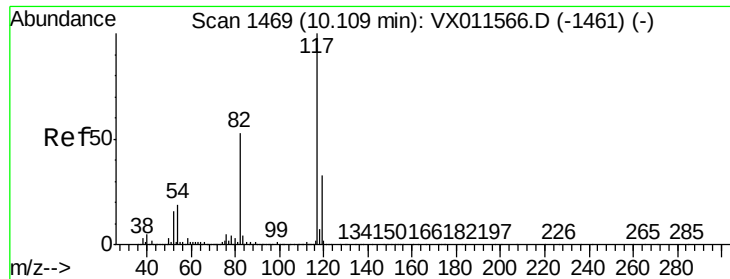
Tgt Ion: 98 Resp: 627748
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.672 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011696.D
Acq: 20 Aug 2019 20:30

Tgt Ion: 95 Resp: 219147
Ion Ratio Lower Upper
95 100
174 99.6 0.0 200.6
176 96.3 0.0 196.6

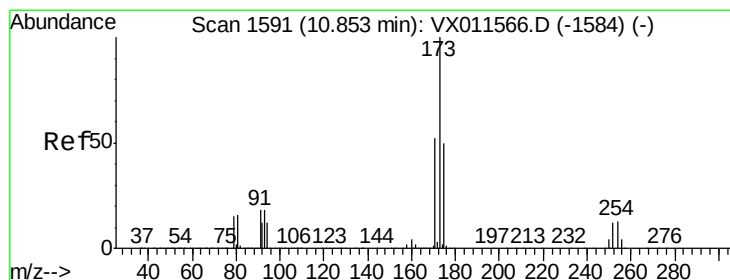
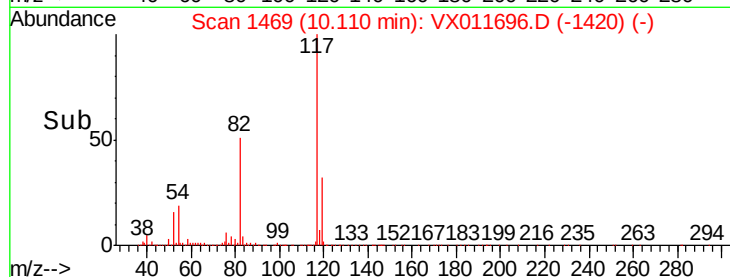
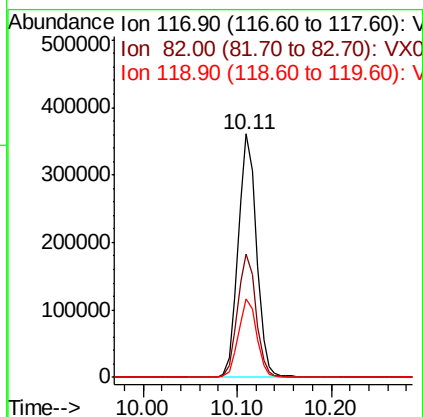
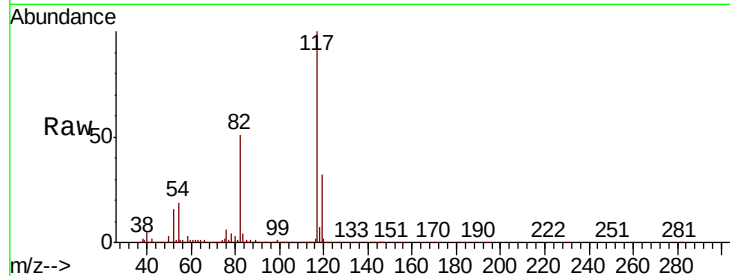




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011696.D
Acq: 20 Aug 2019 20:30

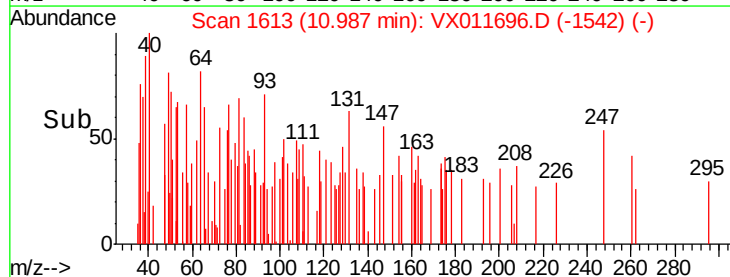
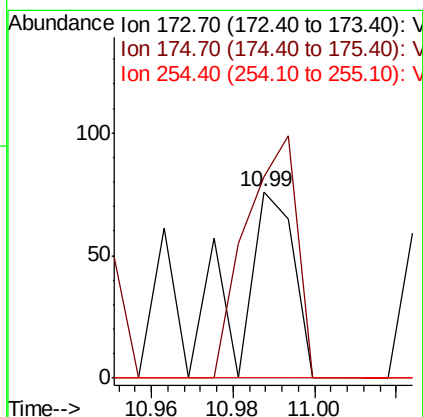
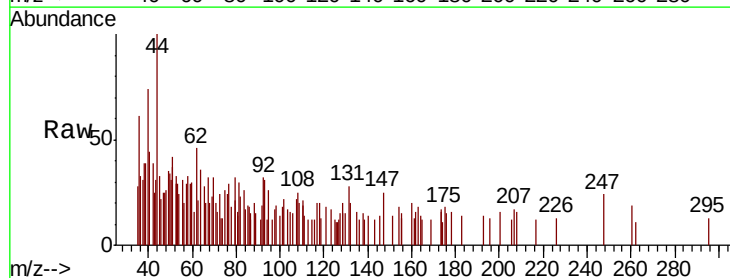
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL02

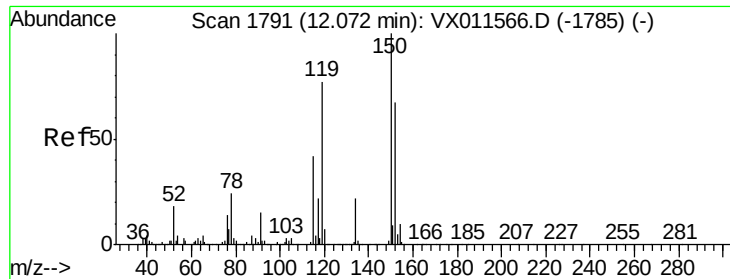
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.0	63.0
119	32.3	26.5	39.7



#71
Bromoform
Concen: 3.309 ug/l
RT: 10.99 min Scan# 1613
Delta R.T. 0.13 min
Lab File: VX011696.D
Acq: 20 Aug 2019 20:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBL02

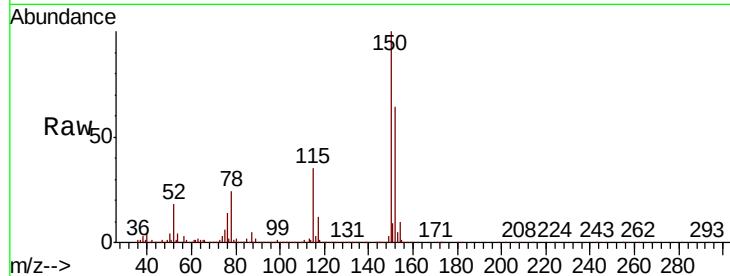
Tgt Ion: 152 Resp: 233089

Ion Ratio Lower Upper

152 100

115 54.6 37.3 111.9

150 156.4 0.0 346.2

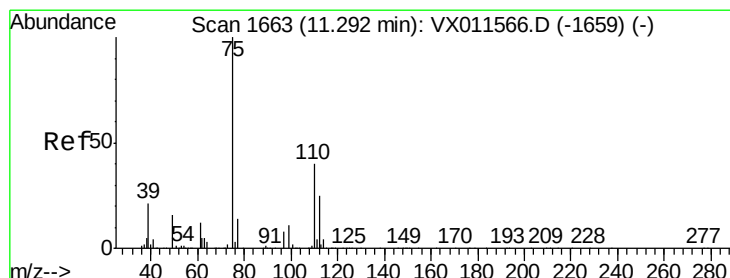
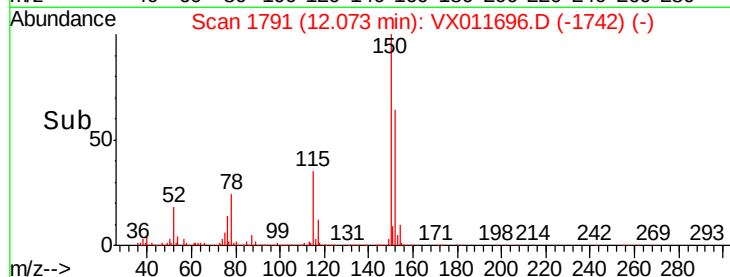
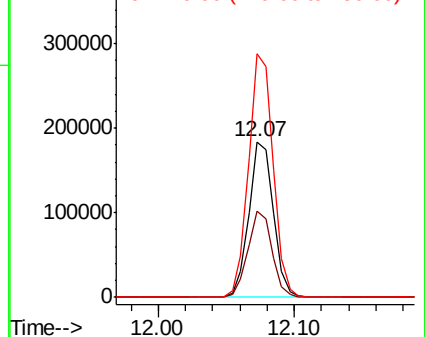


Abundance

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: 23.138 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011696.D

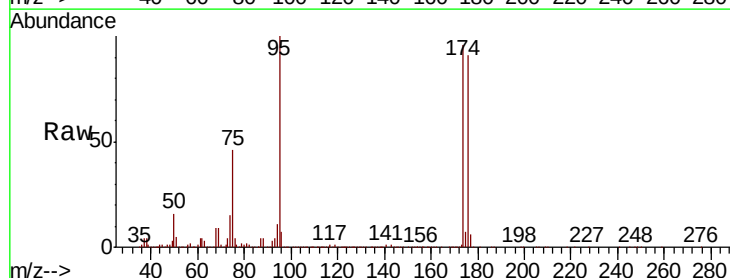
Acq: 20 Aug 2019 20:30

Tgt Ion: 75 Resp: 102269

Ion Ratio Lower Upper

75 100

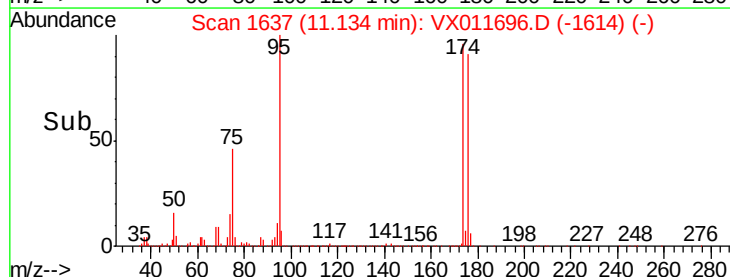
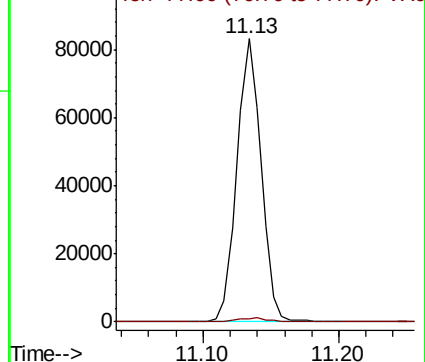
77 1.5 20.9 62.8#

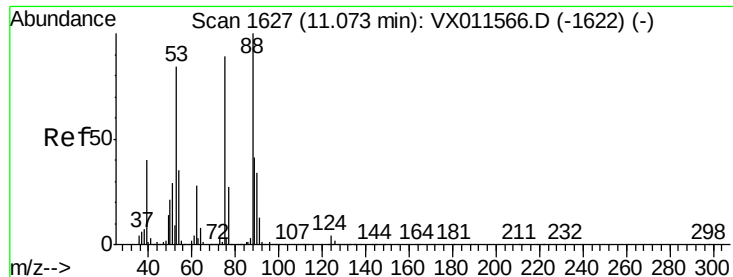


Abundance

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: 61.542 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011696.D

Acq: 20 Aug 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBL02

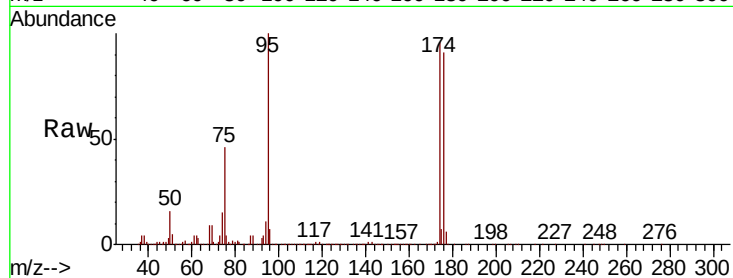
Tgt Ion: 75 Resp: 102269

Ion Ratio Lower Upper

75 100

53 0.2 77.4 116.0#

89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

