

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002432.D
 Acq On : 09 Jun 2018 20:09
 Operator : JC/MD
 Sample : J3394-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-42

Quant Time: Jun 11 05:46:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158814	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154876	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.51	113	114994	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
50) Toluene-d8	8.72	98	463857	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.14	95	158943	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	

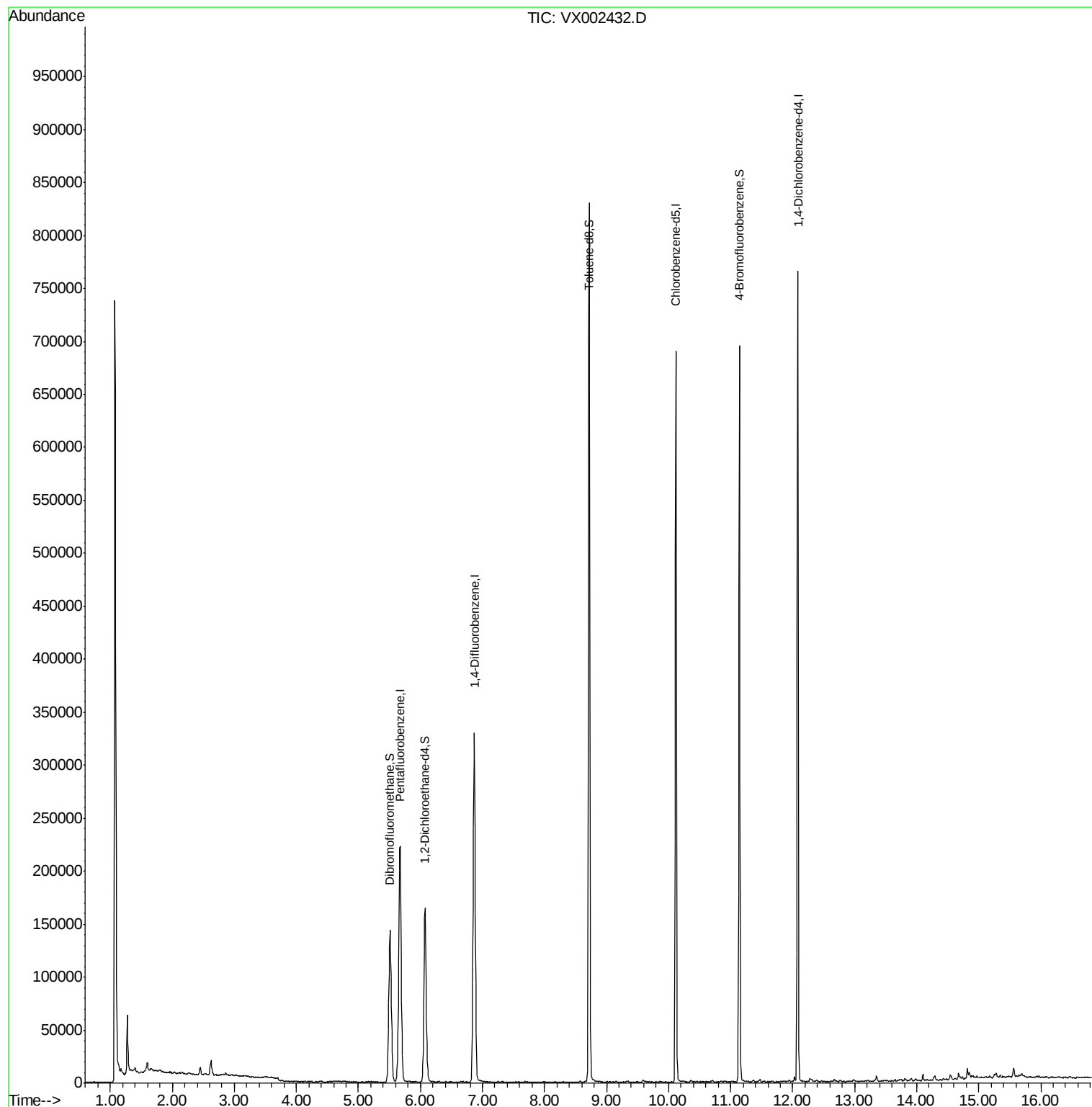
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002432.D

Acq: 09 Jun 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

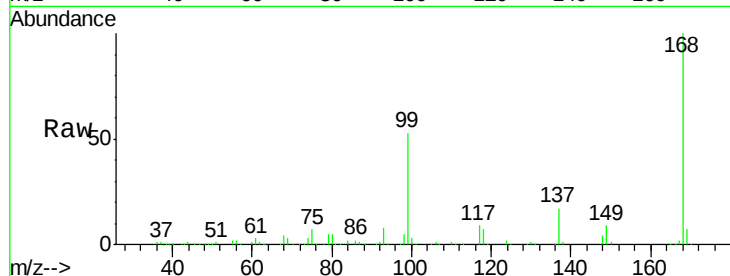
W-42

Tot Ion:168 Resp: 222819

Ion Ratio Lower Upper

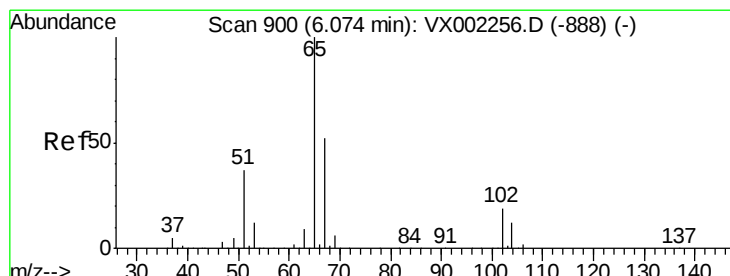
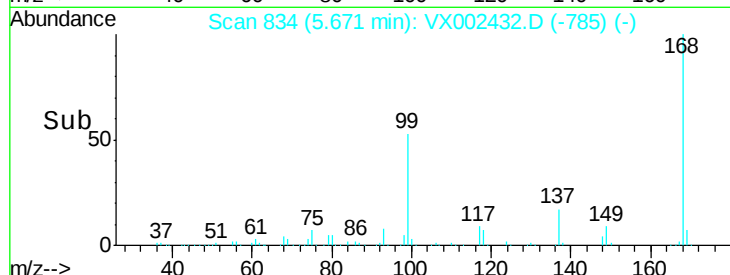
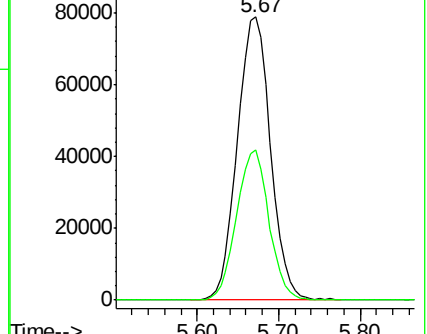
168 100

99 53.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002432.D

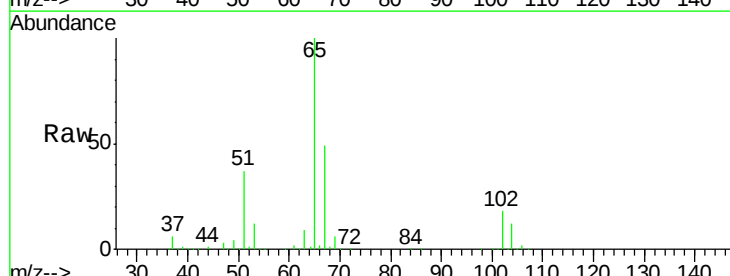
Acq: 09 Jun 2018 20:09

Tgt Ion: 65 Resp: 154876

Ion Ratio Lower Upper

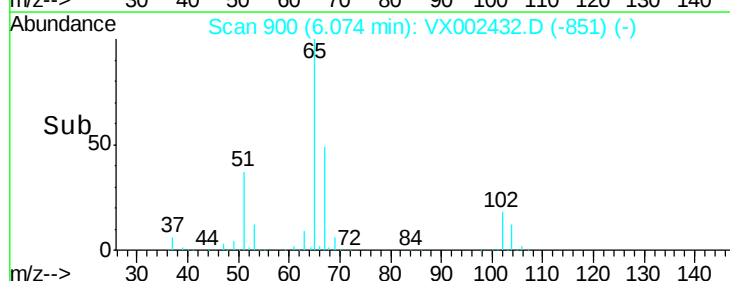
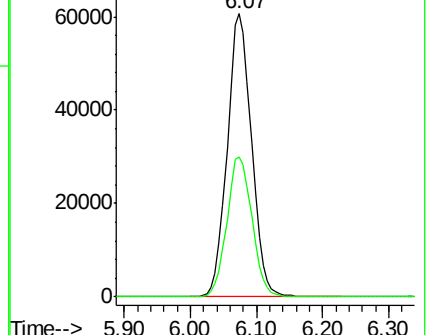
65 100

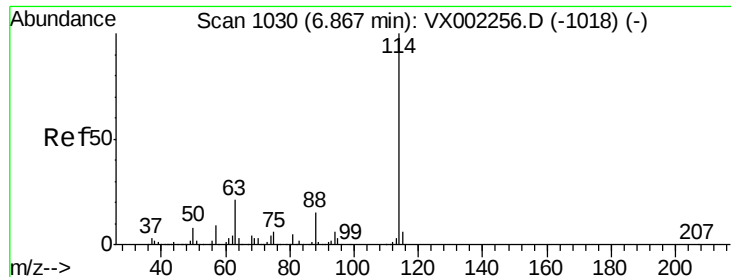
67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002432.D

Acq: 09 Jun 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

W-42

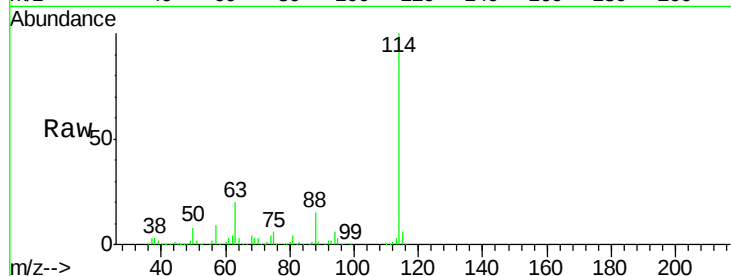
Tot Ion:114 Resp: 325359

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

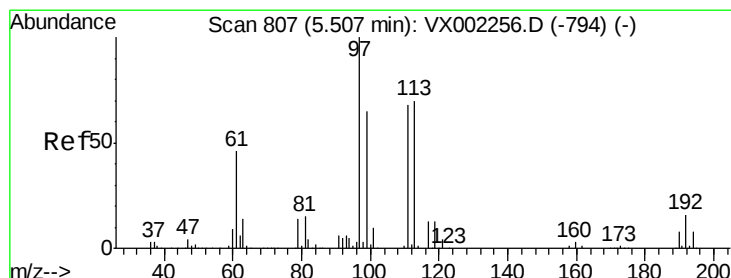
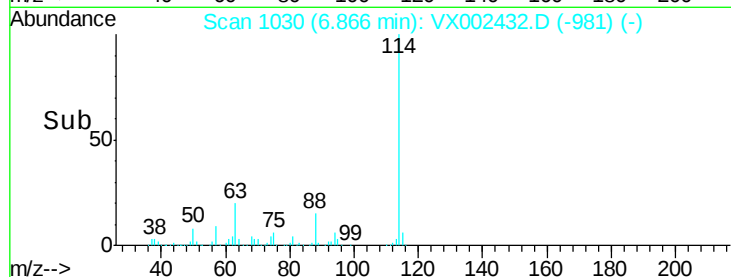
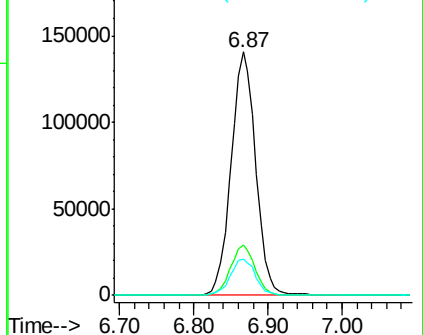
88 14.6 0.0 30.0



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: 44.94 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002432.D

Acq: 09 Jun 2018 20:09

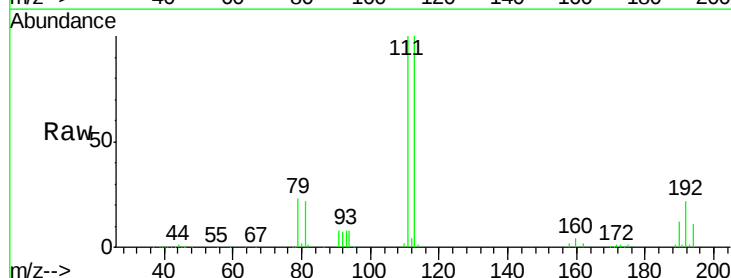
Tgt Ion:113 Resp: 114994

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

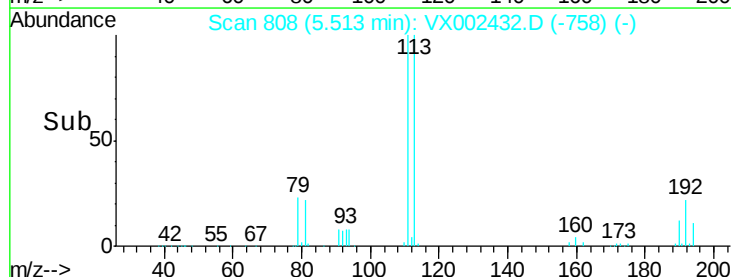
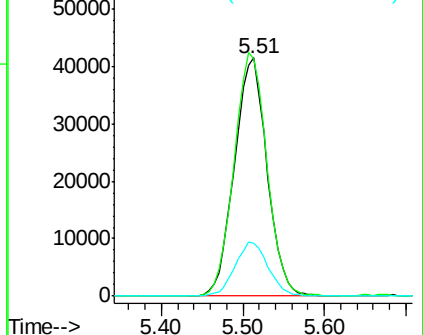
192 22.9 19.1 28.7

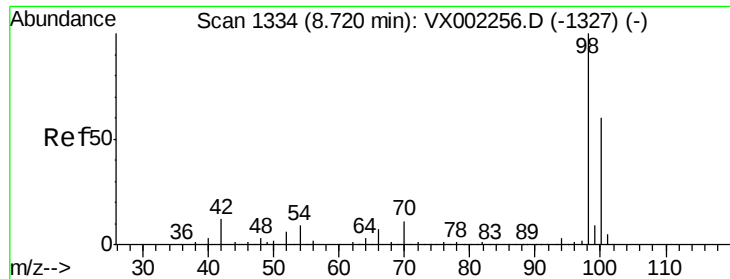


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.30 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002432.D

Acq: 09 Jun 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

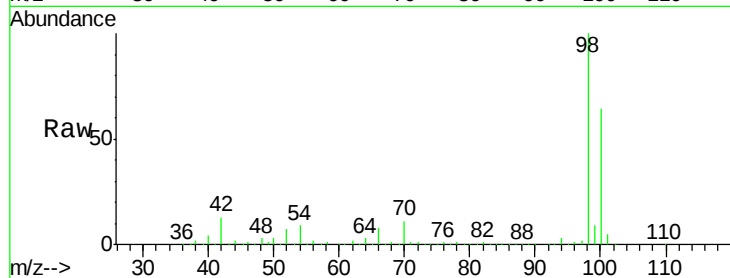
W-42

Tot Ion: 98 Resp: 463857

Ion Ratio Lower Upper

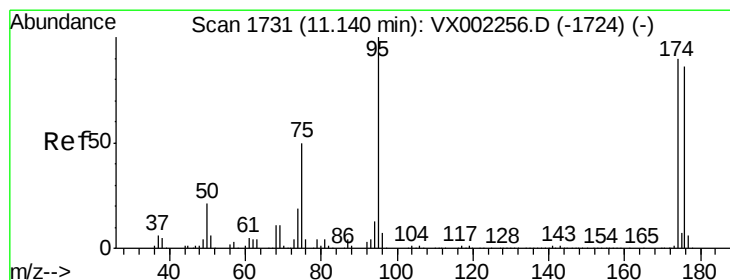
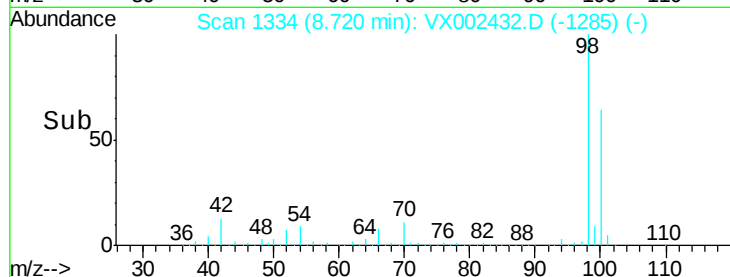
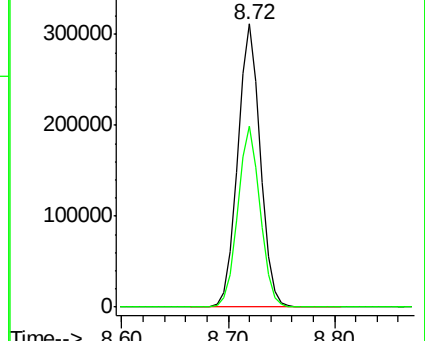
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002432.D

Acq: 09 Jun 2018 20:09

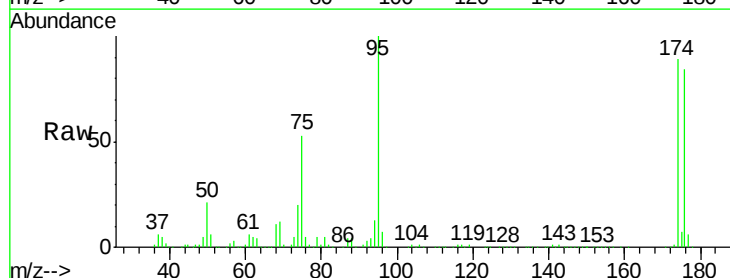
Tgt Ion: 95 Resp: 158943

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.4

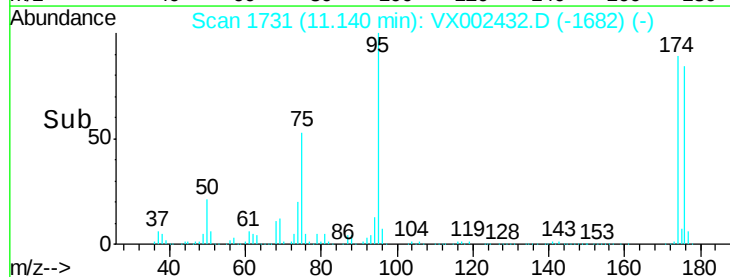
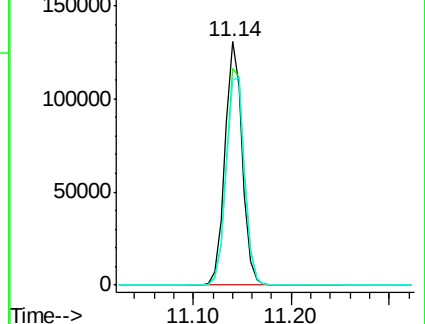
176 90.7 0.0 181.0

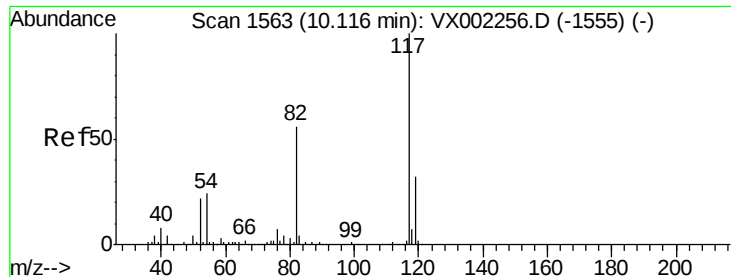


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

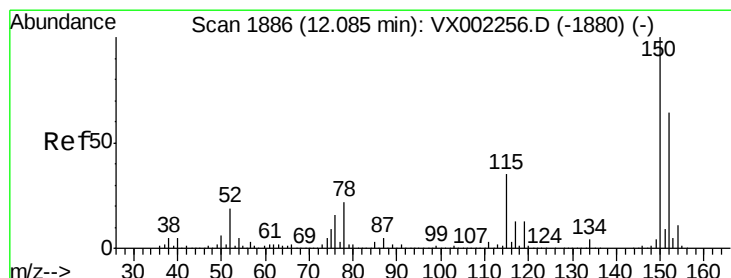
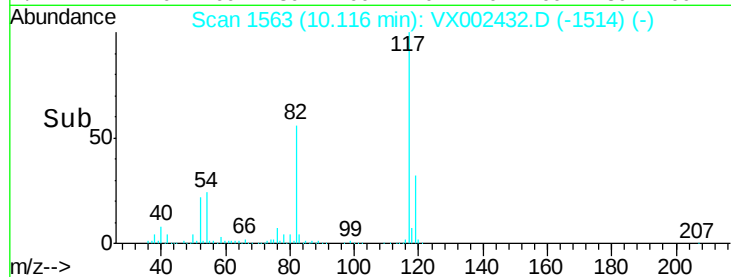
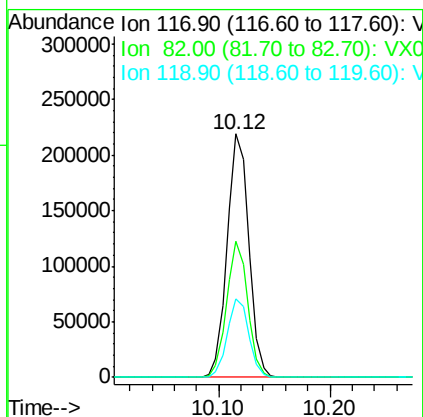
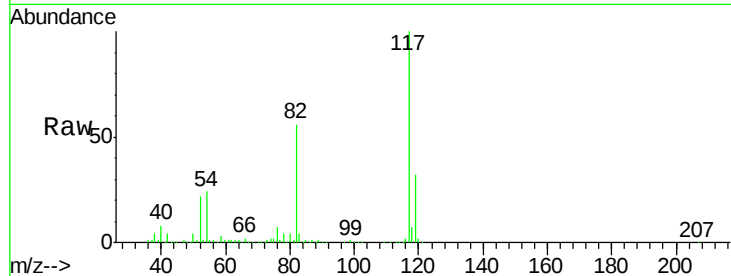




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
W-42

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.4
119	32.0	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.1	120.2
150	157.3	0.0	347.2

