

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007702.D
 Acq On : 26 Feb 2019 08:14
 Operator : JC/SP
 Sample : K1603-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T3-UV(PRE)

Quant Time: Feb 26 11:50:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

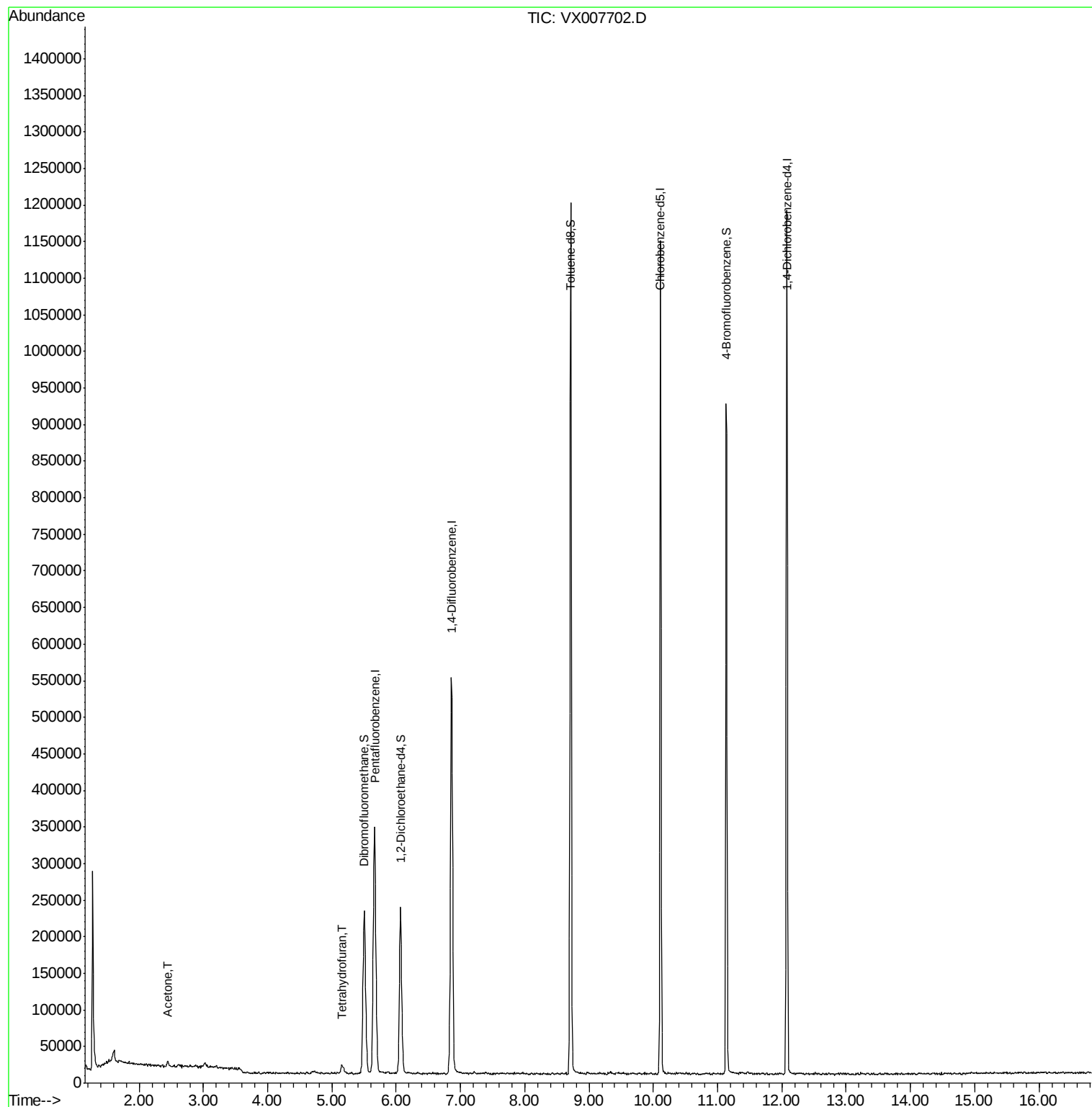
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	339762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	574889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	541957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206536	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	5.50	113	191440	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	8.71	98	700659	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	11.13	95	240554	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
16) Acetone	2.45	43	6098	3.258	ug/l	97
29) Tetrahydrofuran	5.15	42	9654	5.137	ug/l #	82

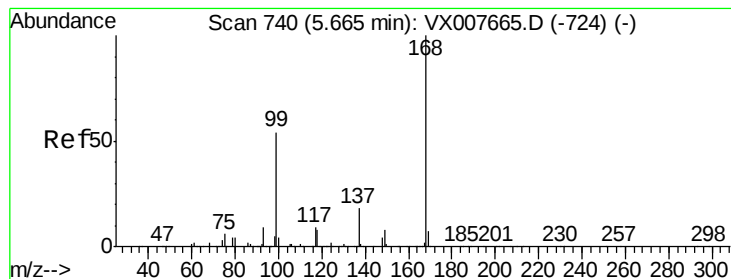
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007702.D

Acq: 26 Feb 2019 08:14

Instrument :

MSVOA_X

ClientSampleId :

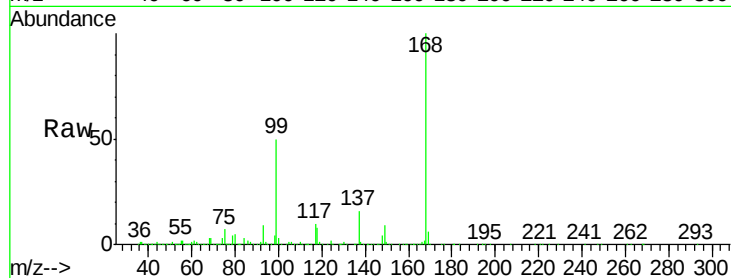
M2-T3-UV(PRE)

Tot Ion:168 Resp: 339762

Ion Ratio Lower Upper

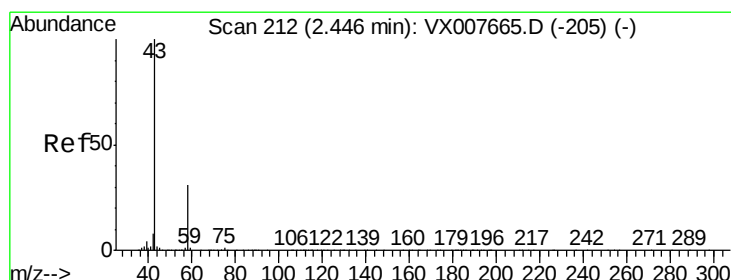
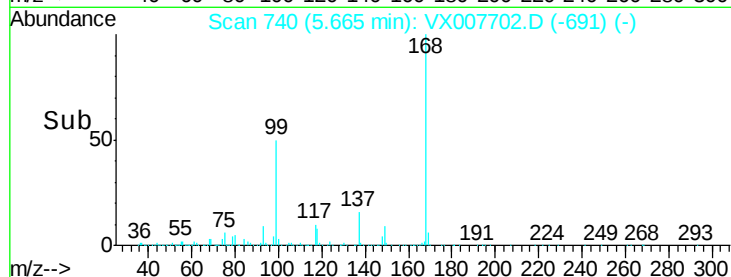
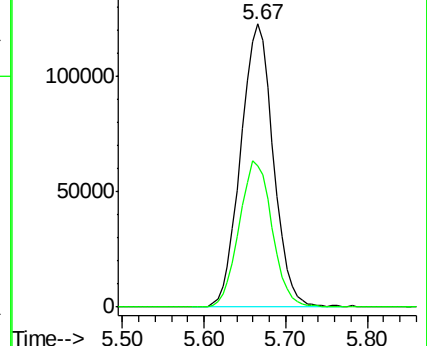
168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.258 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007702.D

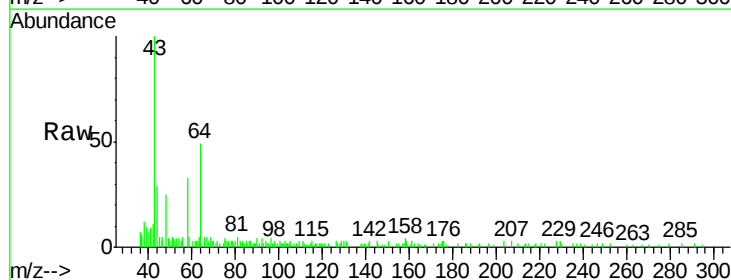
Acq: 26 Feb 2019 08:14

Tgt Ion: 43 Resp: 6098

Ion Ratio Lower Upper

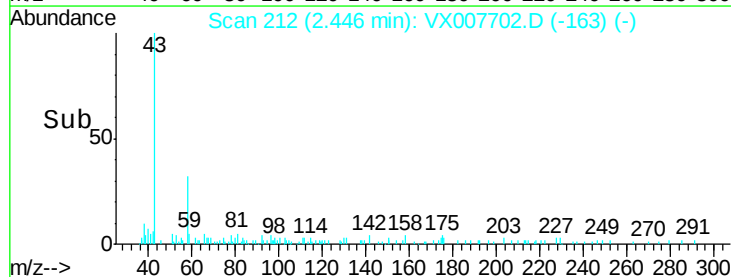
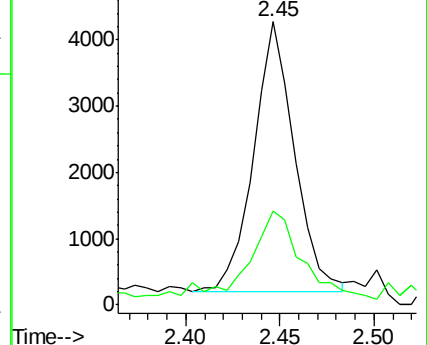
43 100

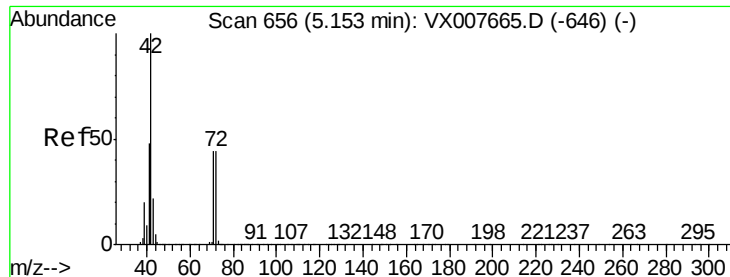
58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 5.137 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007702.D

Acq: 26 Feb 2019 08:14

Instrument :

MSVOA_X

ClientSampleId :

M2-T3-UV(PRE)

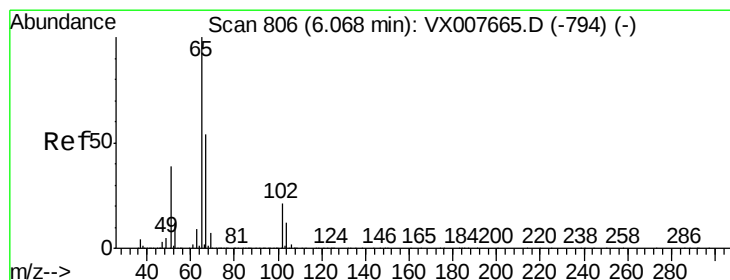
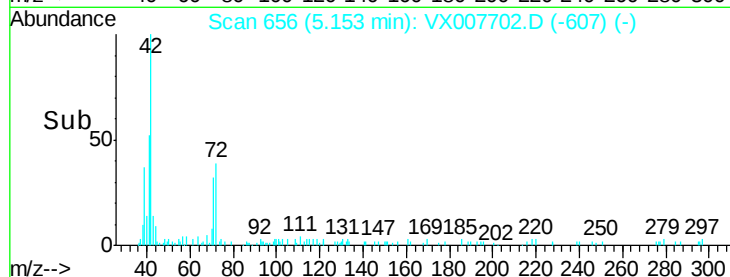
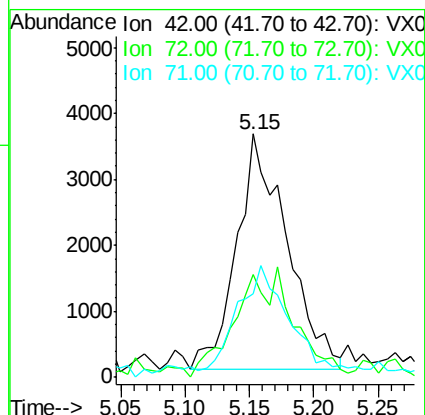
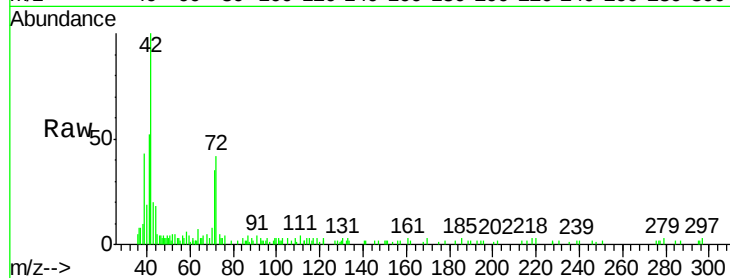
Tot Ion: 42 Resp: 9654

Ion Ratio Lower Upper

42 100

72 31.6 37.6 56.4#

71 51.9 34.6 51.8#



#33

1,2-Dichloroethane-d4

Concen: 49.075 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007702.D

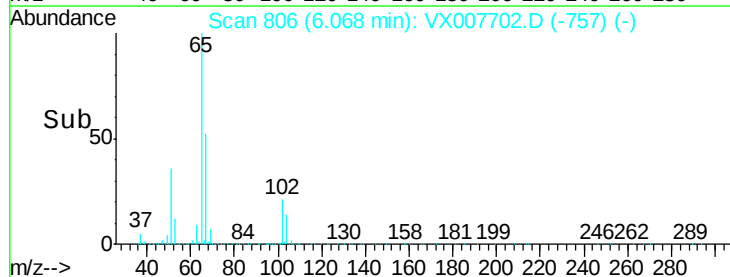
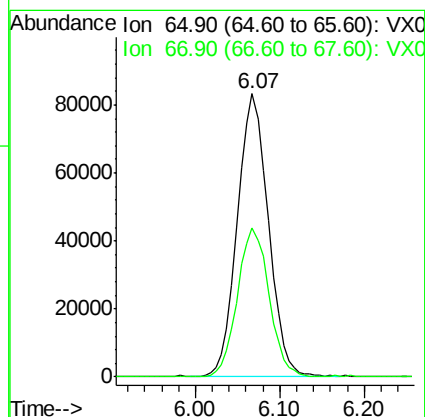
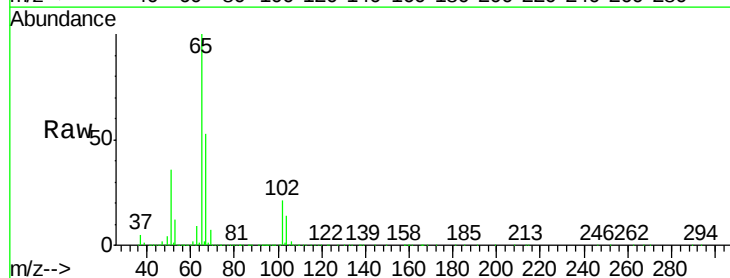
Acq: 26 Feb 2019 08:14

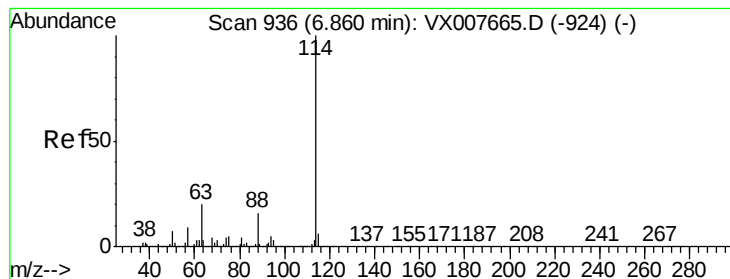
Tgt Ion: 65 Resp: 206536

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007702.D

Acq: 26 Feb 2019 08:14

Instrument :

MSVOA_X

ClientSampleId :

M2-T3-UV(PRE)

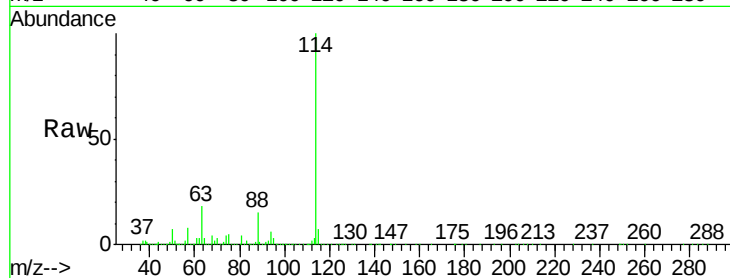
Tot Ion:114 Resp: 574889

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

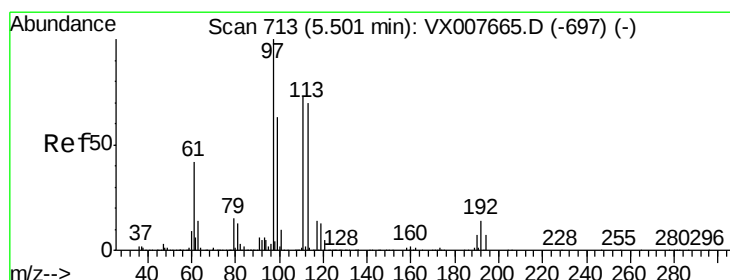
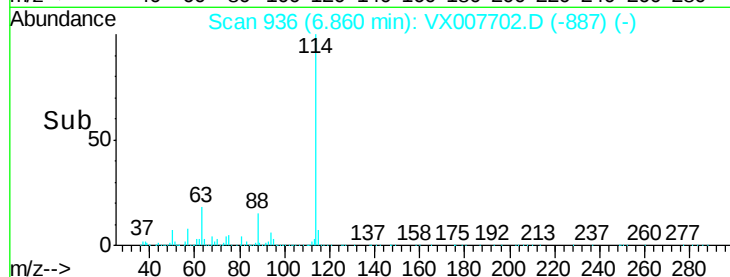
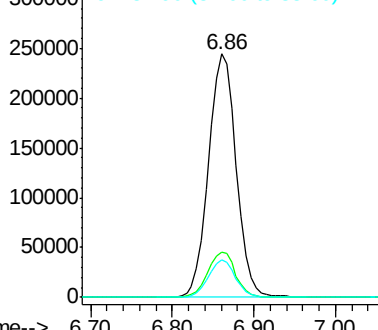
88 15.2 0.0 29.6



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: 49.816 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007702.D

Acq: 26 Feb 2019 08:14

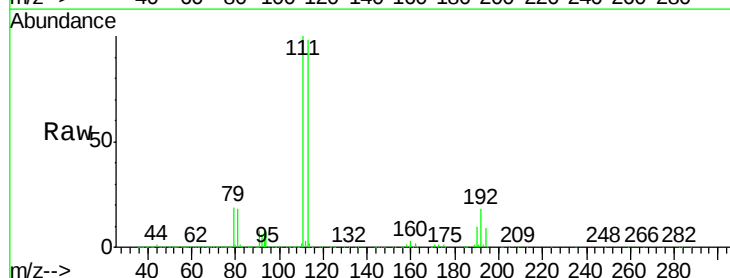
Tgt Ion:113 Resp: 191440

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

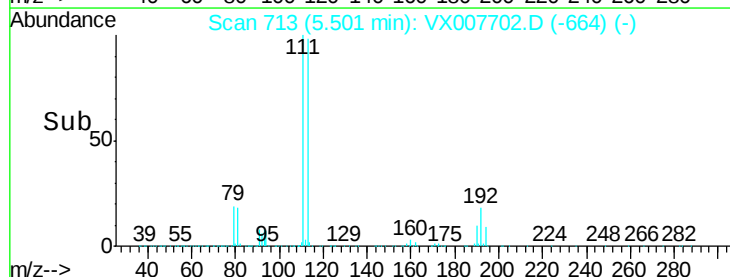
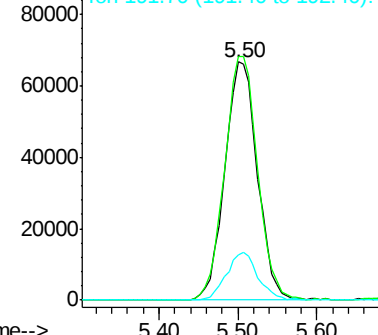
192 19.7 18.5 27.7

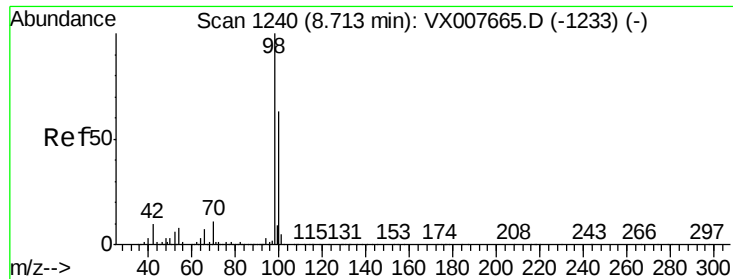


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

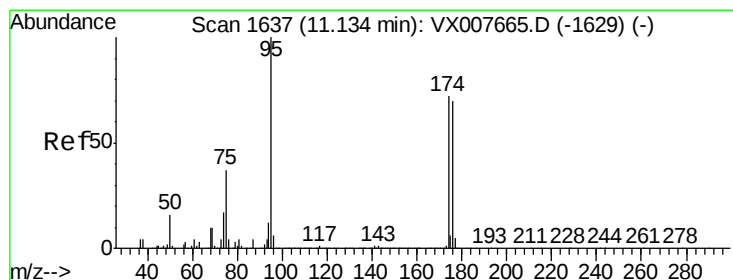
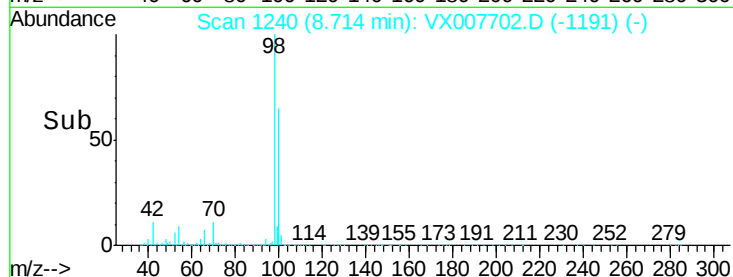
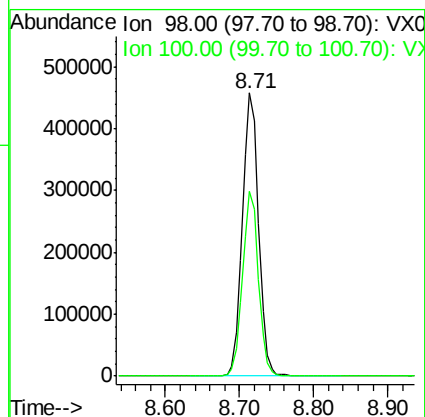
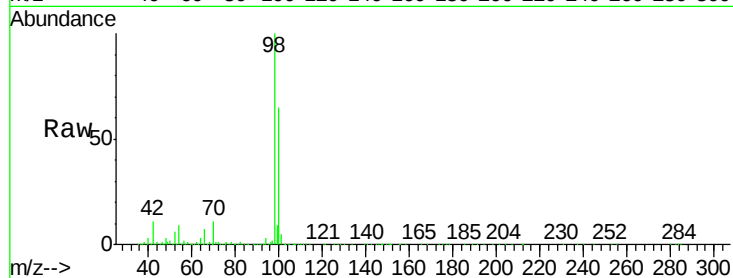




#50
Toluene-d8
Concen: 47.624 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007702.D
Acq: 26 Feb 2019 08:14

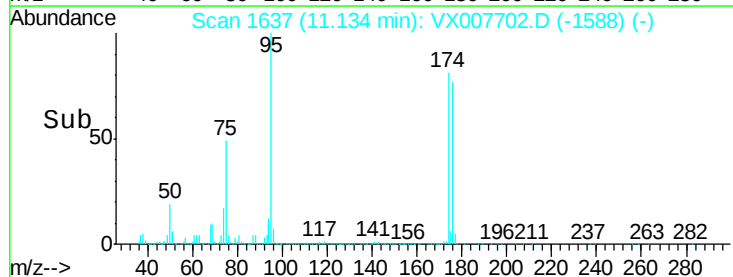
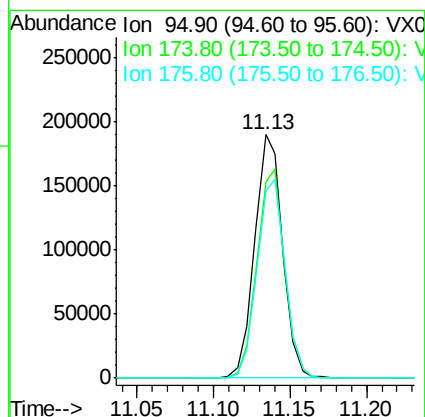
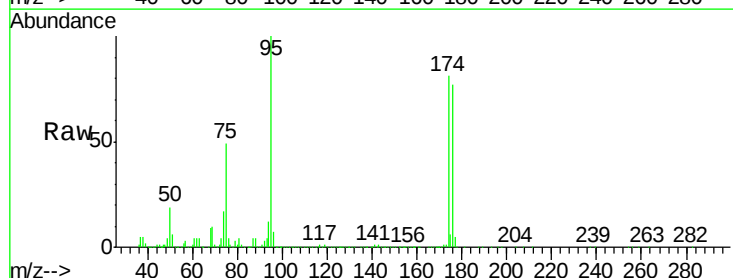
Instrument :
MSVOA_X
ClientSampleId :
M2-T3-UV(PRE)

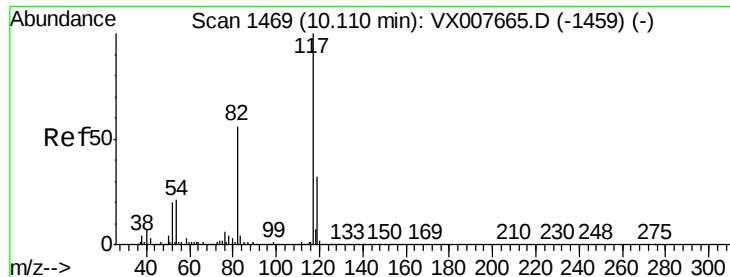
Tot Ion: 98 Resp: 700659
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.548 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007702.D
Acq: 26 Feb 2019 08:14

Tgt Ion: 95 Resp: 240554
Ion Ratio Lower Upper
95 100
174 86.1 0.0 189.2
176 82.9 0.0 186.2

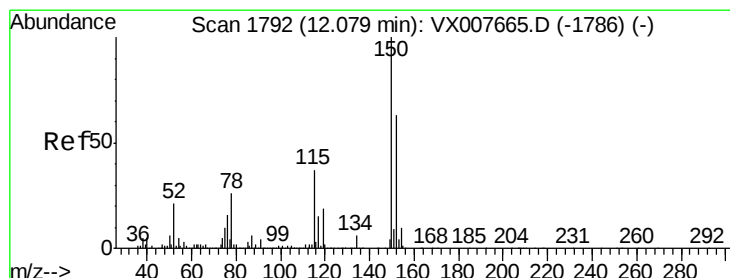
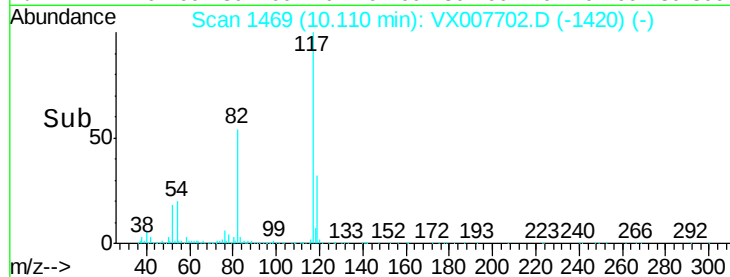
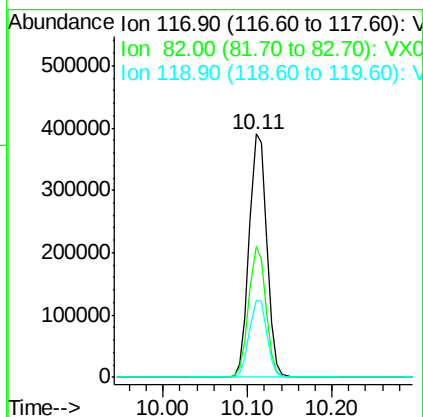
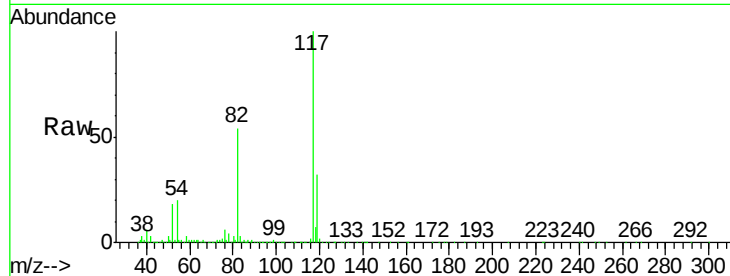




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007702.D
Acq: 26 Feb 2019 08:14

Instrument :
MSVOA_X
ClientSampleId :
M2-T3-UV(PRE)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.1	63.1
119	31.5	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007702.D
Acq: 26 Feb 2019 08:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	38.0	114.0
150	157.8	0.0	346.4

