

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008278.D
 Acq On : 21 Mar 2019 07:01
 Operator : JC/SP
 Sample : K1945-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T3-UV(PRE)

Quant Time: Mar 22 08:24:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

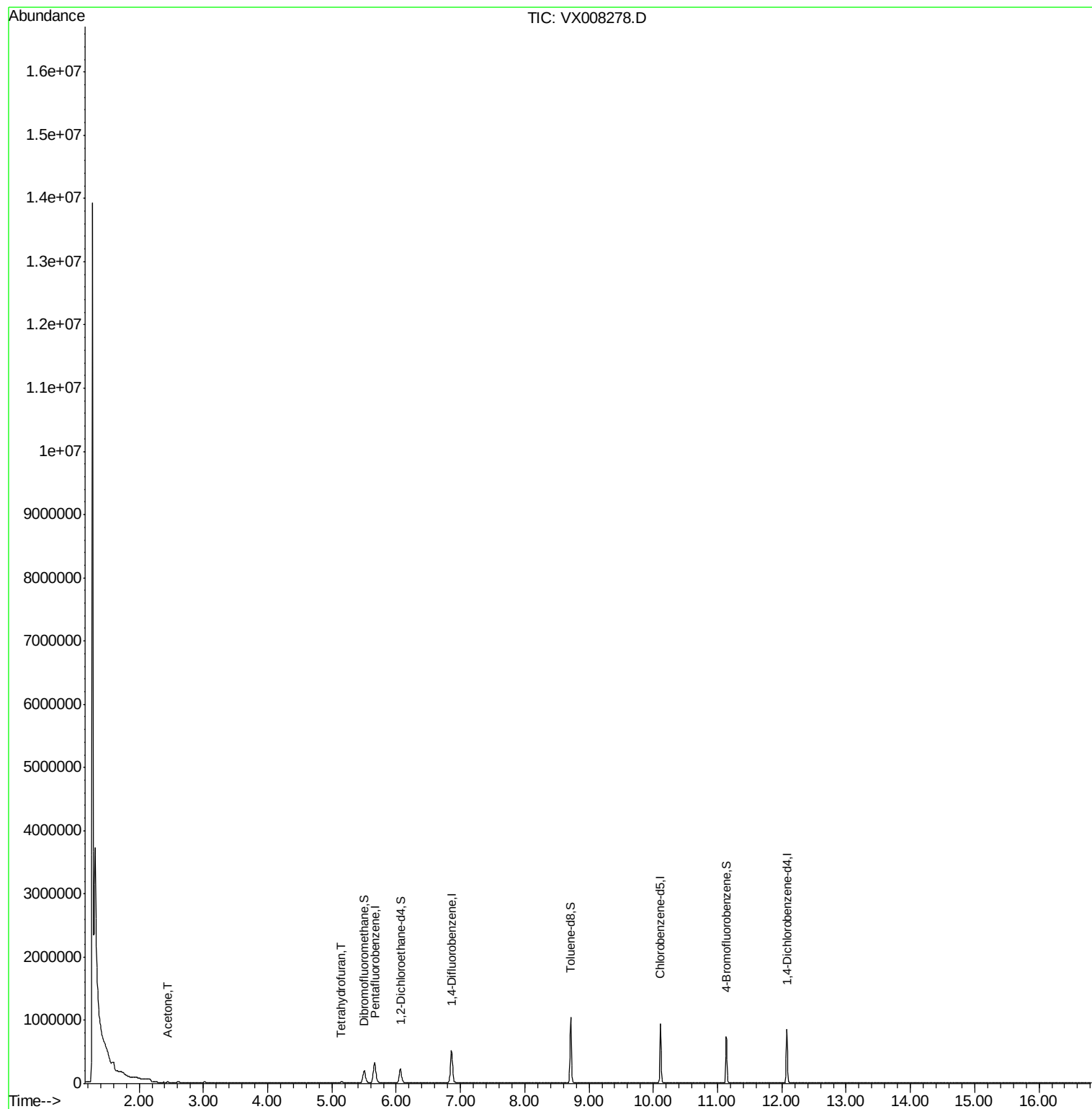
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	484718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	406928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206746	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	5.51	113	158230	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	591157	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	185566	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
Target Compounds						
16) Acetone	2.45	43	10579	4.202	ug/l	95
29) Tetrahydrofuran	5.13	42	6995	3.011	ug/l	95

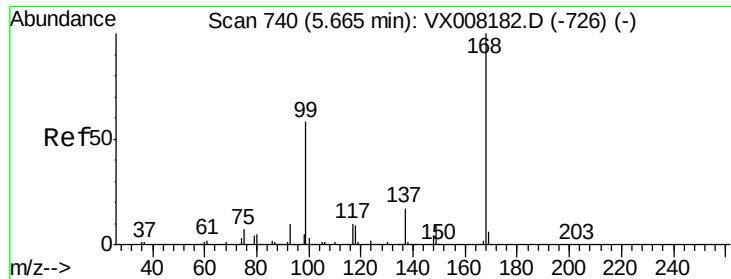
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008278.D

Acq: 21 Mar 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

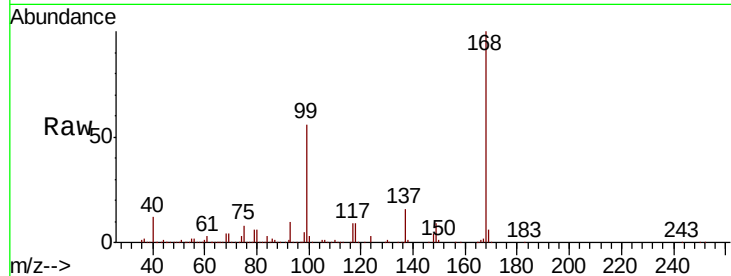
M4-T3-UV(PRE)

Tot Ion:168 Resp: 294730

Ion Ratio Lower Upper

168 100

99 56.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

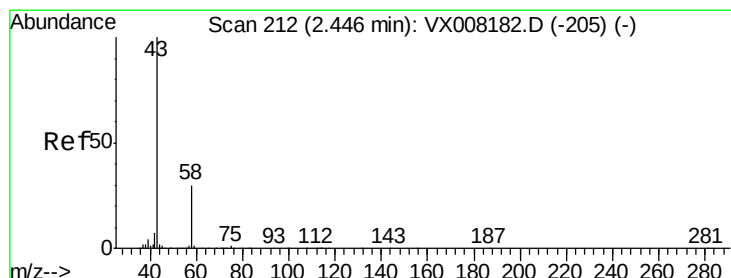
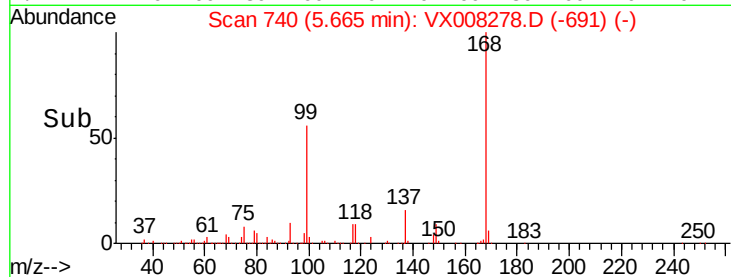
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.202 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008278.D

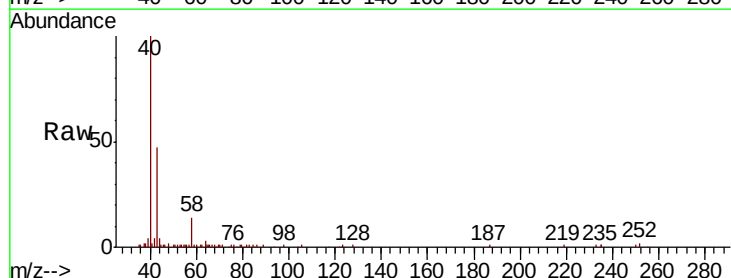
Acq: 21 Mar 2019 07:01

Tgt Ion: 43 Resp: 10579

Ion Ratio Lower Upper

43 100

58 29.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

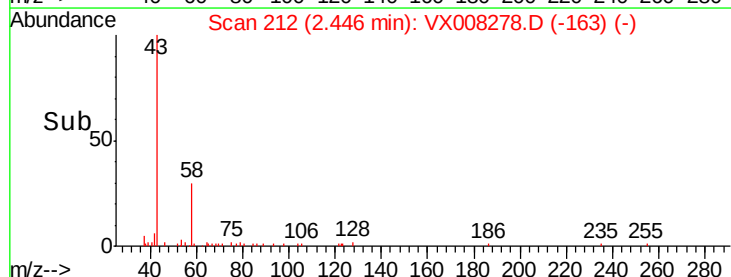
6000

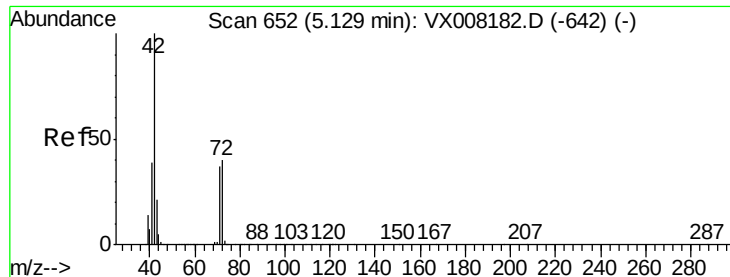
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#29

Tetrahydrofuran

Concen: 3.011 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008278.D

Acq: 21 Mar 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

M4-T3-UV(PRE)

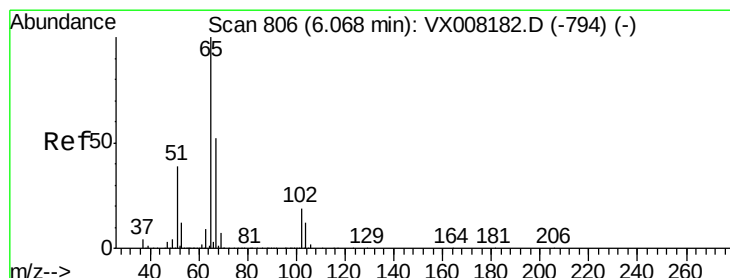
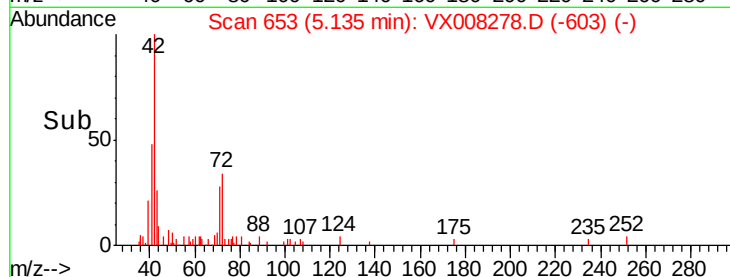
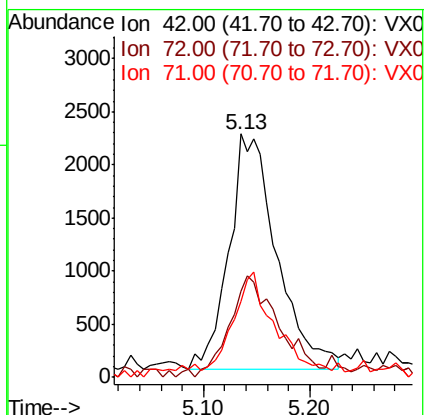
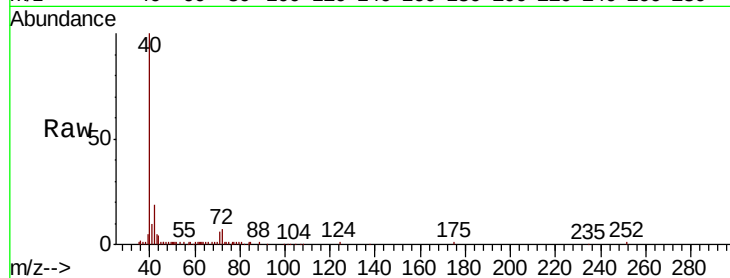
Tot Ion: 42 Resp: 6995

Ion Ratio Lower Upper

42 100

72 44.2 33.8 50.6

71 35.2 31.5 47.3



#33

1,2-Dichloroethane-d4

Concen: 46.576 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008278.D

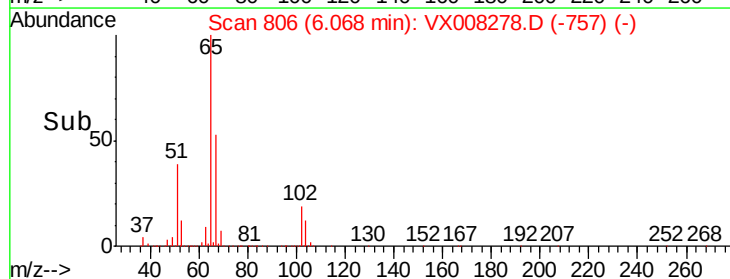
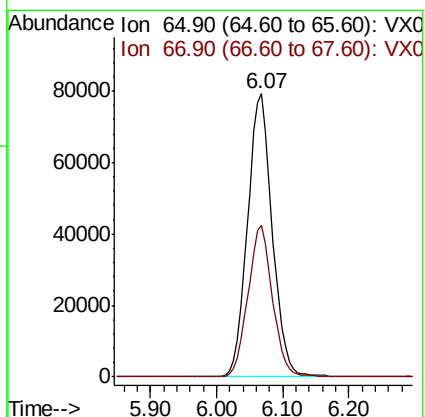
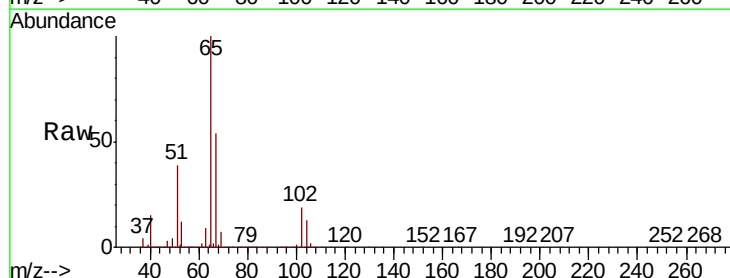
Acq: 21 Mar 2019 07:01

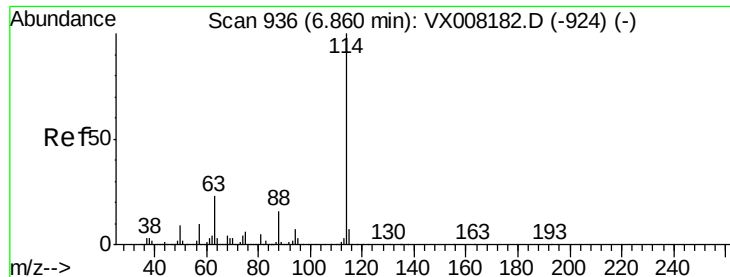
Tgt Ion: 65 Resp: 206746

Ion Ratio Lower Upper

65 100

67 52.7 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008278.D

Acq: 21 Mar 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

M4-T3-UV(PRE)

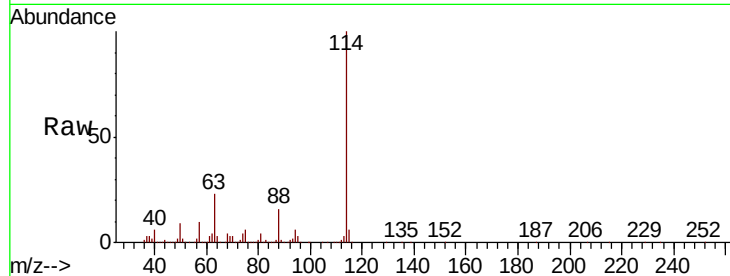
Tot Ion:114 Resp: 484718

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.8

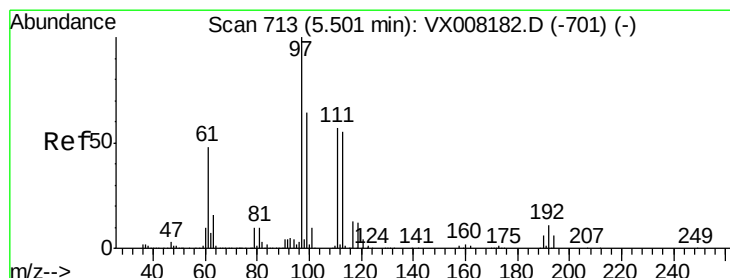
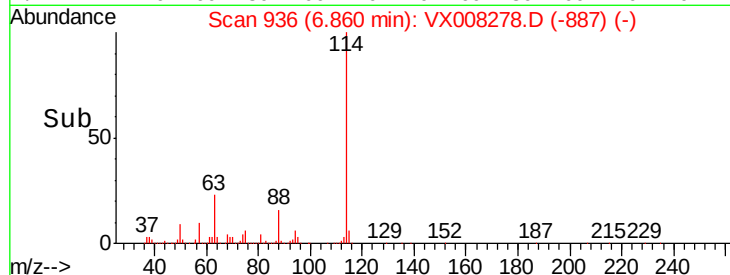
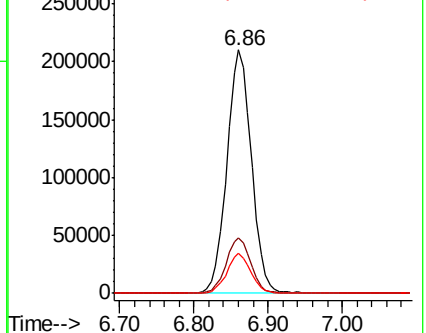
88 16.2 0.0 31.4



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: 48.763 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008278.D

Acq: 21 Mar 2019 07:01

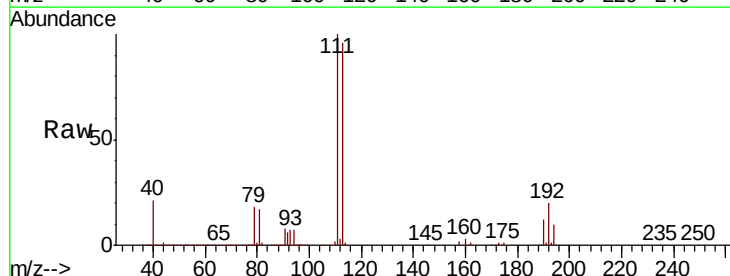
Tgt Ion:113 Resp: 158230

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

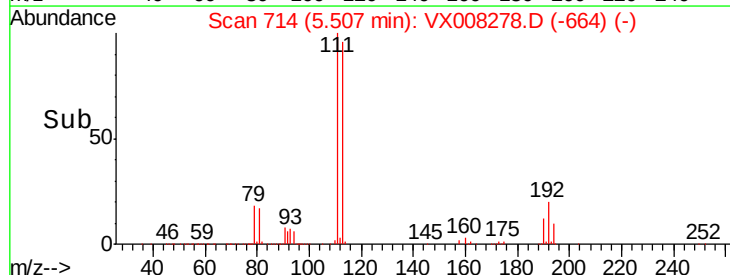
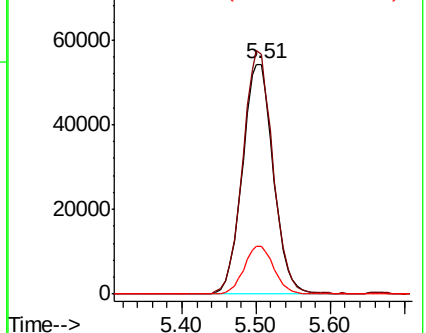
192 20.4 19.4 29.0

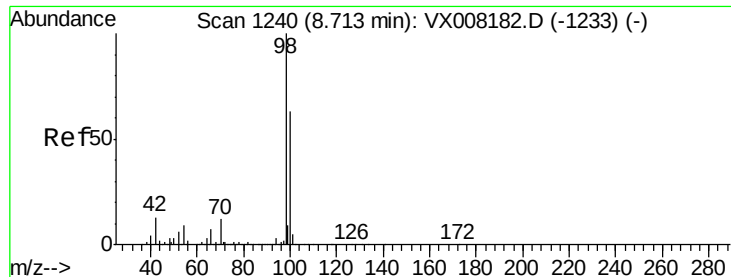


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.052 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008278.D

Acq: 21 Mar 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

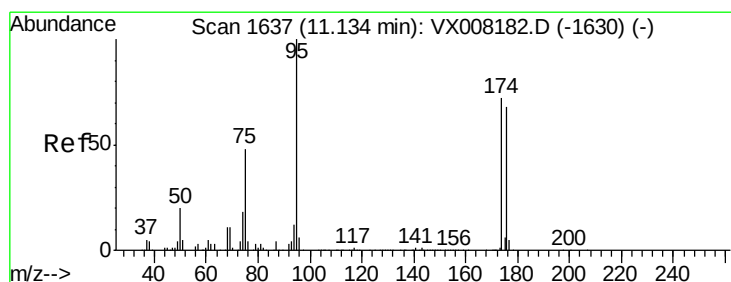
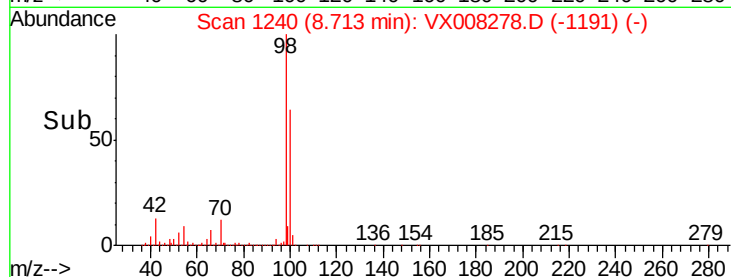
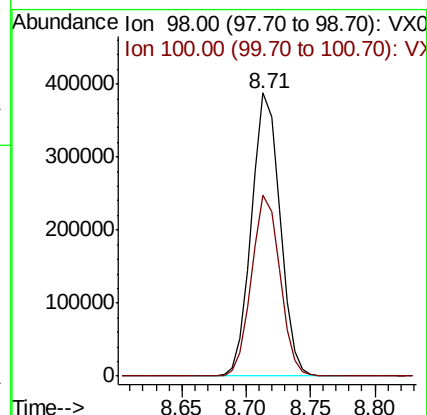
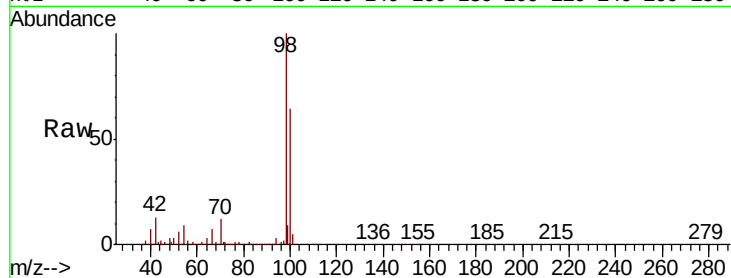
M4-T3-UV(PRE)

Tot Ion: 98 Resp: 591157

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.807 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008278.D

Acq: 21 Mar 2019 07:01

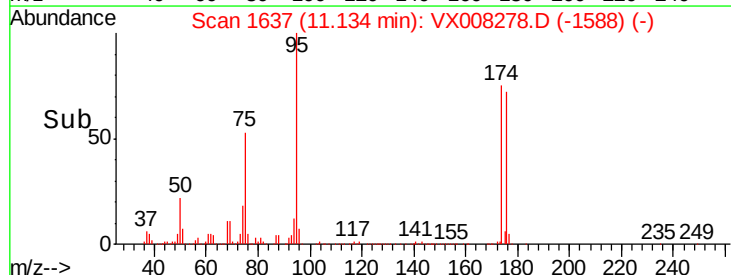
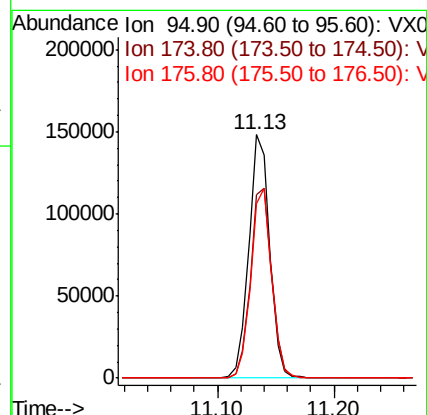
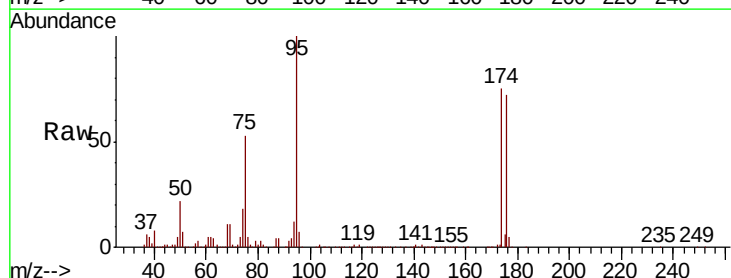
Tgt Ion: 95 Resp: 185566

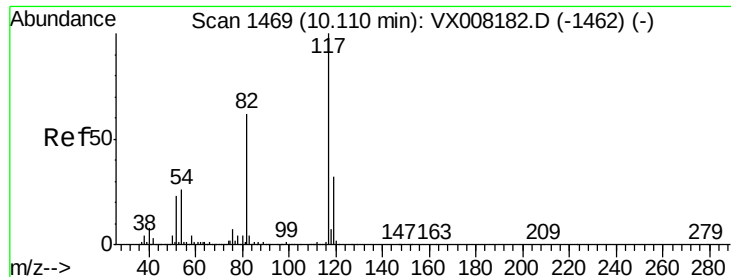
Ion Ratio Lower Upper

95 100

174 80.2 0.0 182.8

176 77.6 0.0 178.0

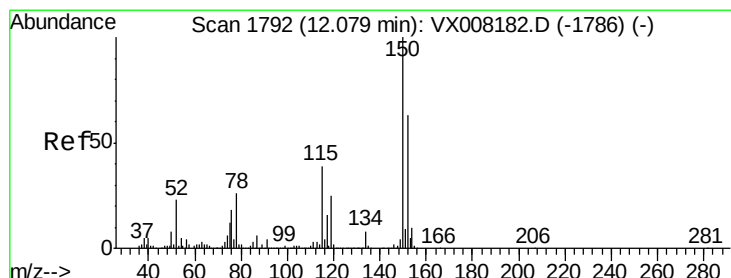
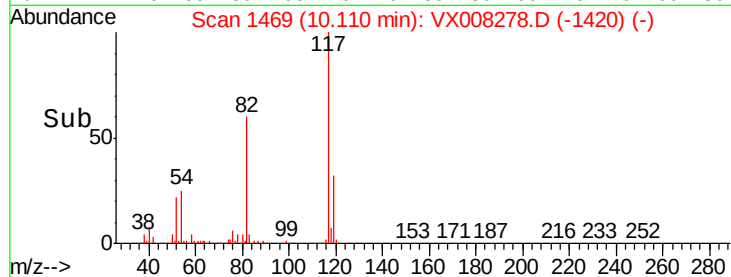
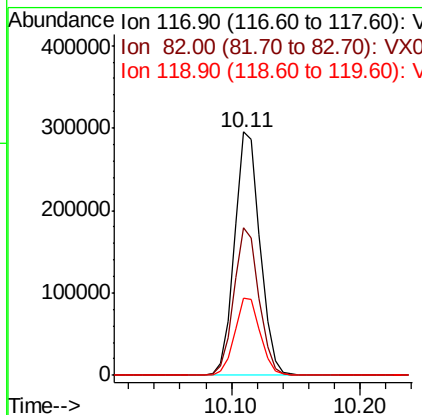
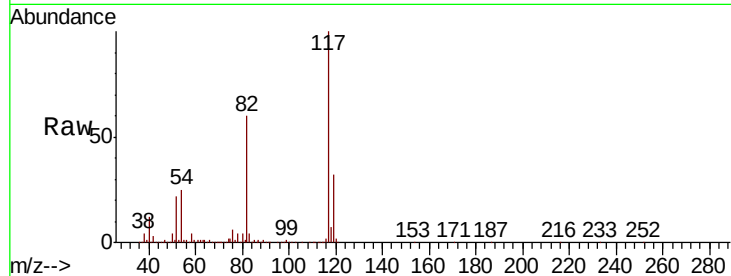




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008278.D
Acq: 21 Mar 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
M4-T3-UV(PRE)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	44.3	66.5
119	31.6	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008278.D
Acq: 21 Mar 2019 07:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	38.6	115.7
150	157.5	0.0	348.4

