

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011076.D
 Acq On : 25 Jul 2019 15:13
 Operator : JC/SP
 Sample : K3995-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A1014

Quant Time: Jul 26 02:23:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

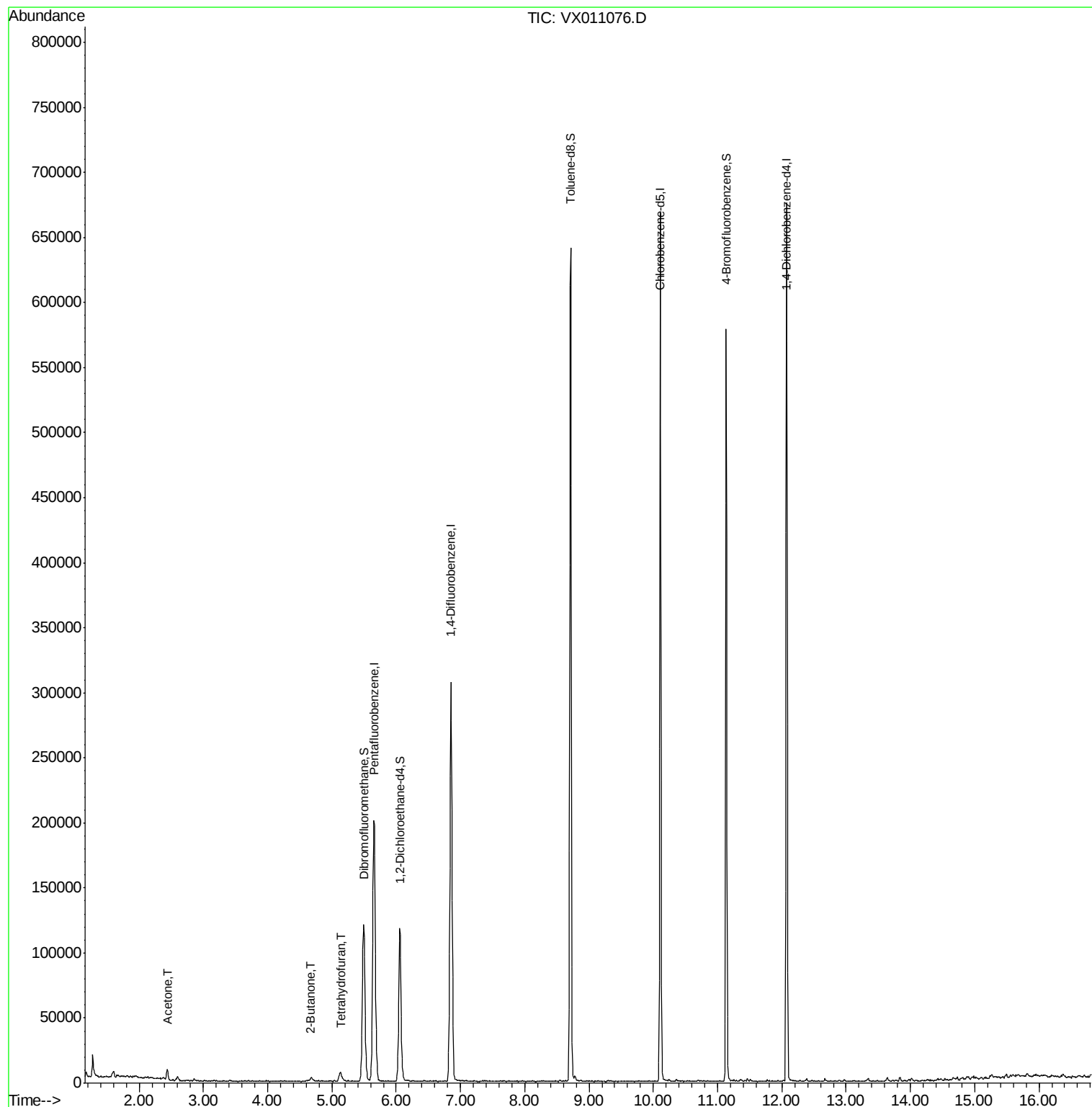
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109462	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	5.49	113	101922	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.71	98	386609	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	138336	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	2.44	43	9298	9.470	ug/l	98
25) 2-Butanone	4.68	43	5250	3.725	ug/l	100
29) Tetrahydrofuran	5.13	42	6941	7.774	ug/l	94

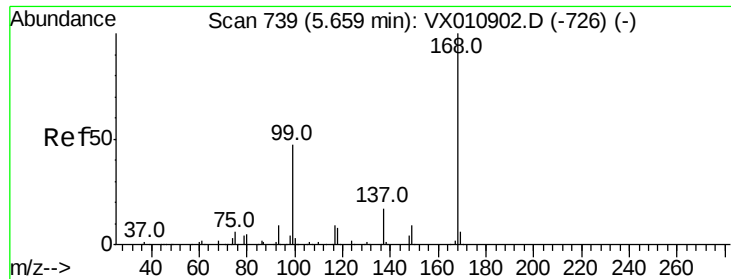
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

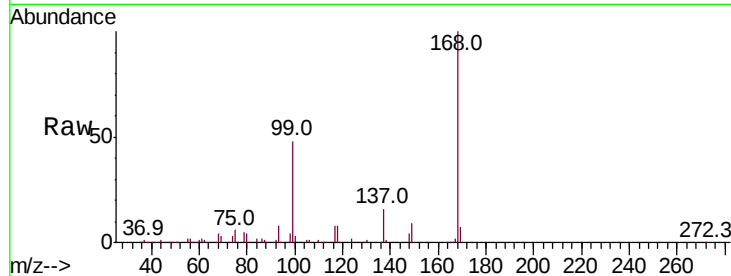
A1014

Tot Ion:168 Resp: 204353

Ion Ratio Lower Upper

168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

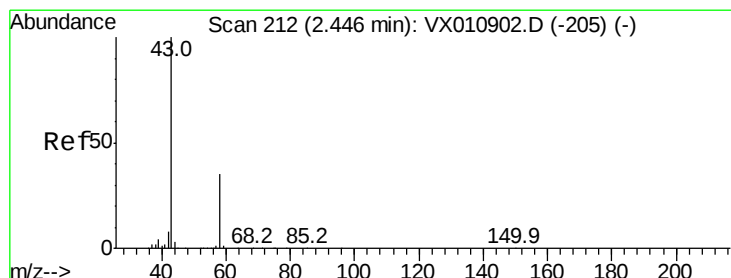
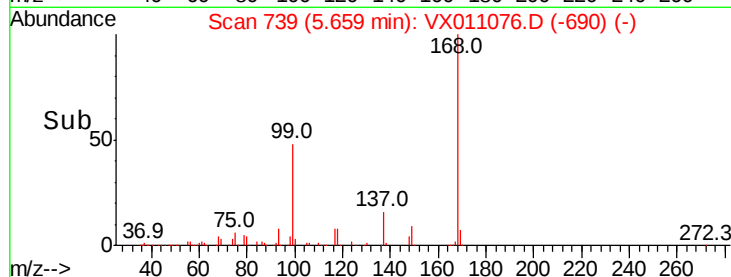
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.470 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011076.D

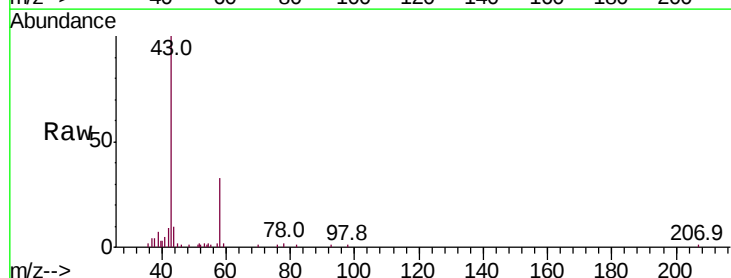
Acq: 25 Jul 2019 15:13

Tgt Ion: 43 Resp: 9298

Ion Ratio Lower Upper

43 100

58 33.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

3000

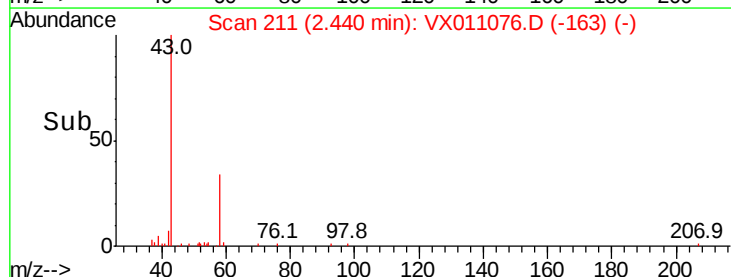
2000

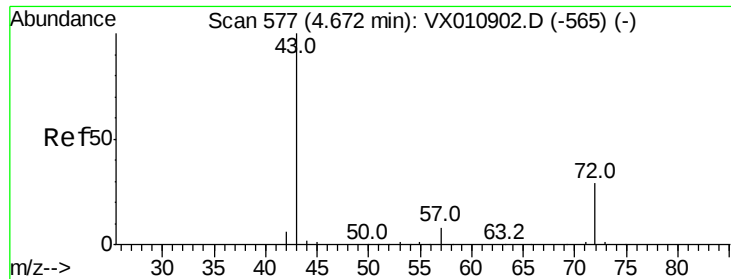
1000

0

Time-->

2.35 2.40 2.45 2.50





#25

2-Butanone

Concen: 3.725 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

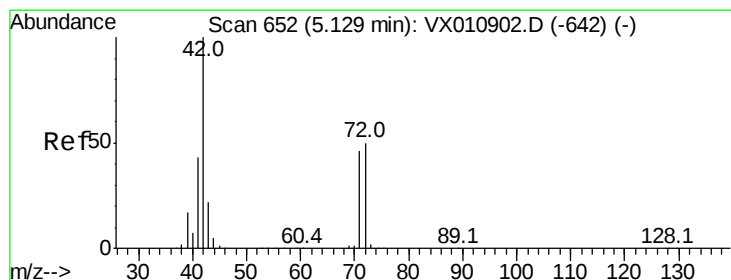
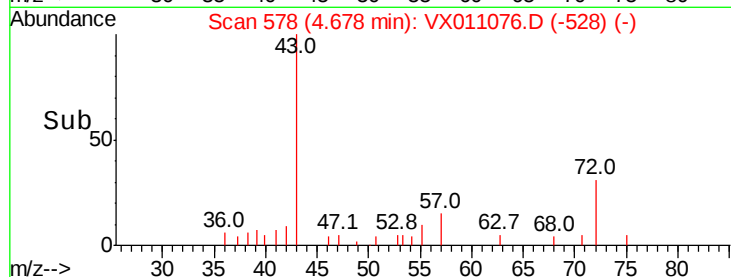
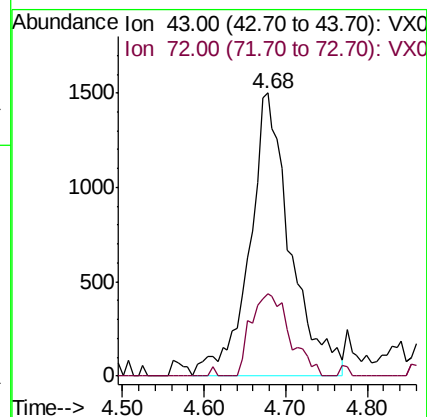
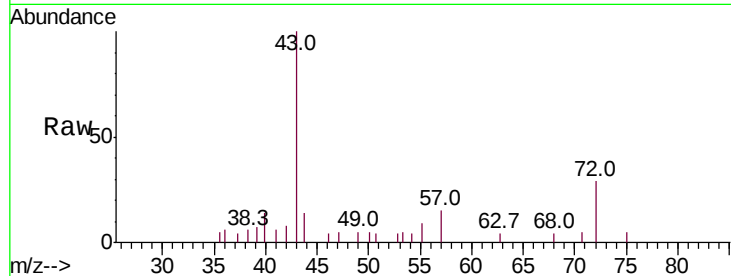
A1014

Tot Ion: 43 Resp: 5250

Ion Ratio Lower Upper

43 100

72 28.9 23.0 34.6



#29

Tetrahydrofuran

Concen: 7.774 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

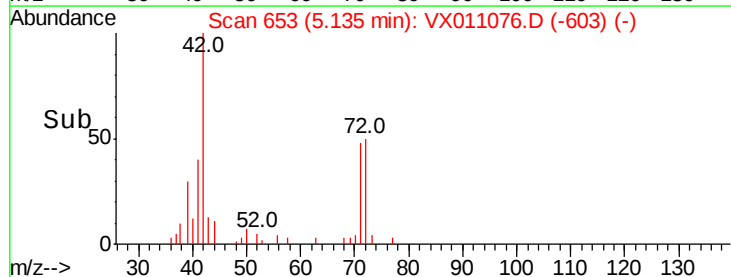
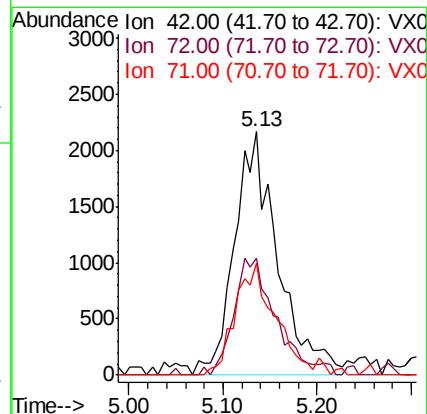
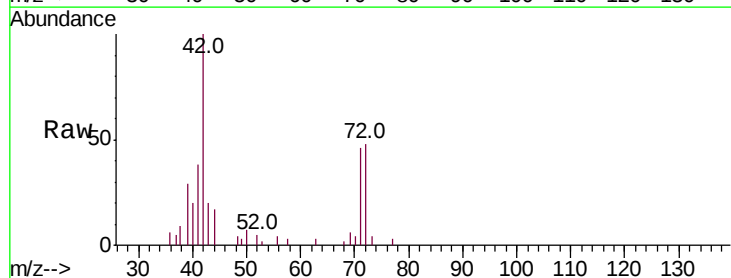
Tgt Ion: 42 Resp: 6941

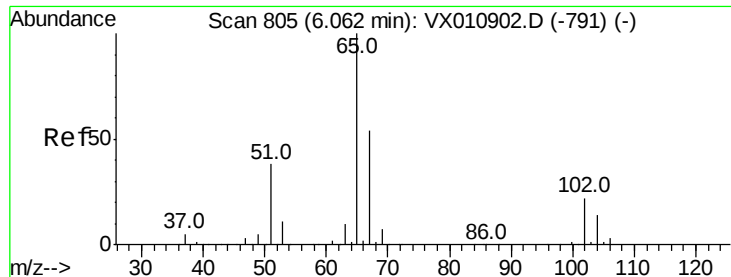
Ion Ratio Lower Upper

42 100

72 45.4 39.8 59.8

71 42.1 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 50.350 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

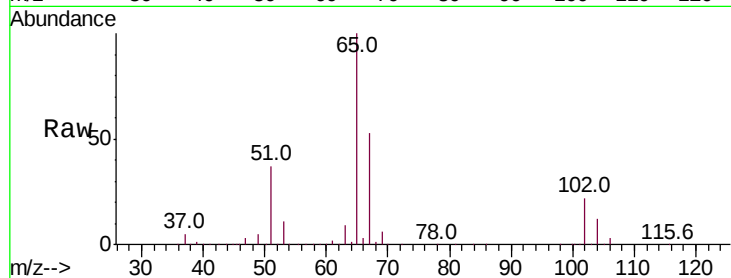
A1014

Tot Ion: 65 Resp: 109462

Ion Ratio Lower Upper

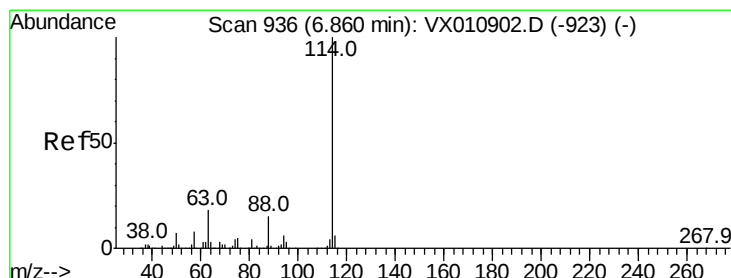
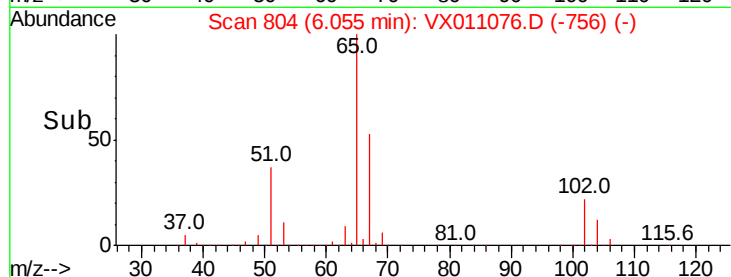
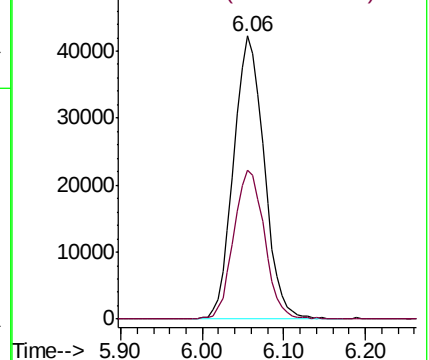
65 100

67 53.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

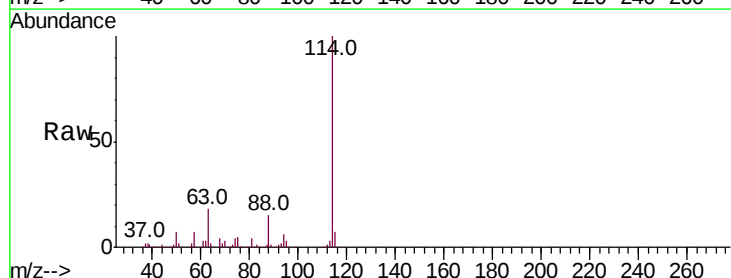
Tgt Ion: 114 Resp: 323329

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

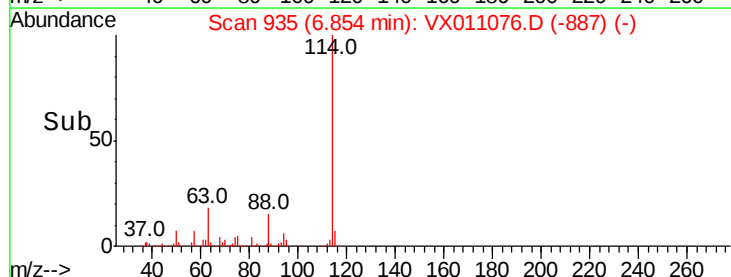
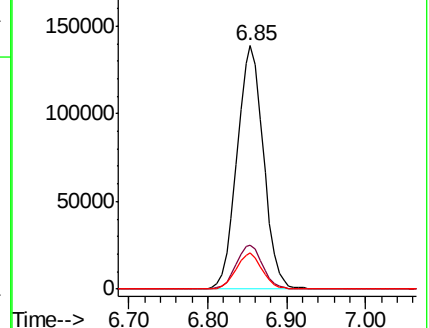
88 14.7 0.0 29.8

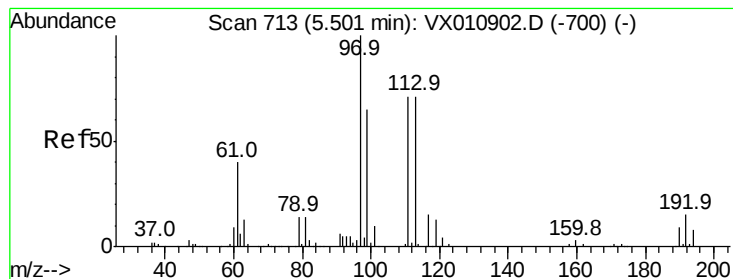


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.664 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

A1014

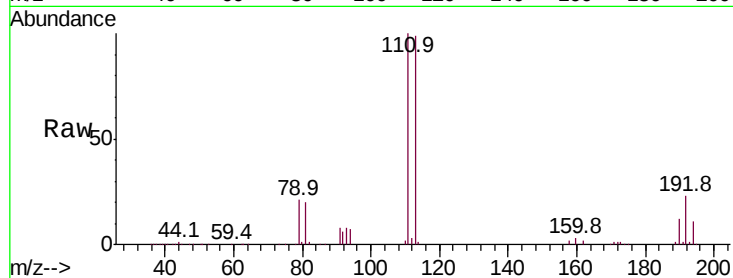
Tot Ion:113 Resp: 101922

Ion Ratio Lower Upper

113 100

111 100.6 82.3 123.5

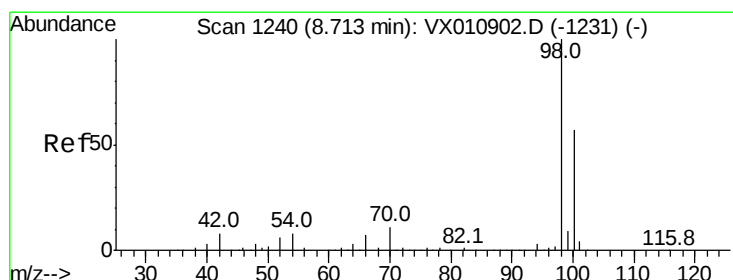
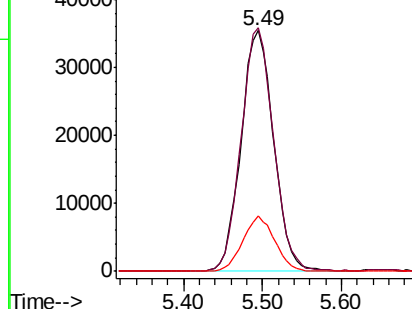
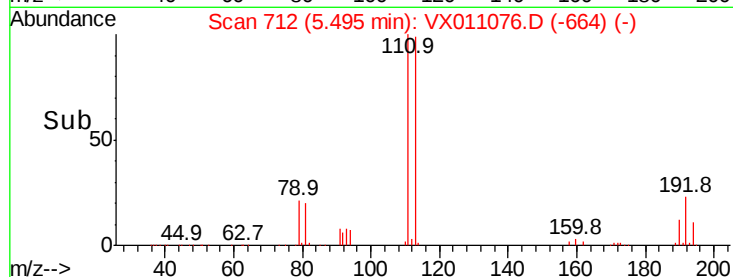
192 22.6 17.4 26.2



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



#50

Toluene-d8

Concen: 50.227 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011076.D

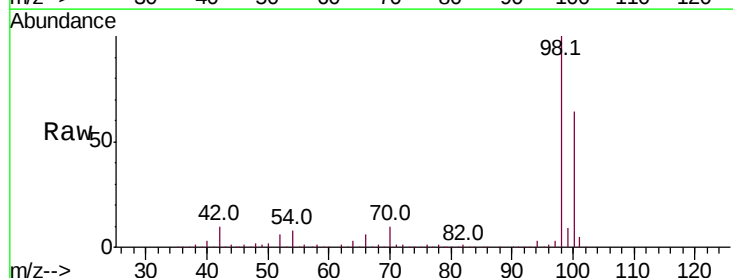
Acq: 25 Jul 2019 15:13

Tgt Ion: 98 Resp: 386609

Ion Ratio Lower Upper

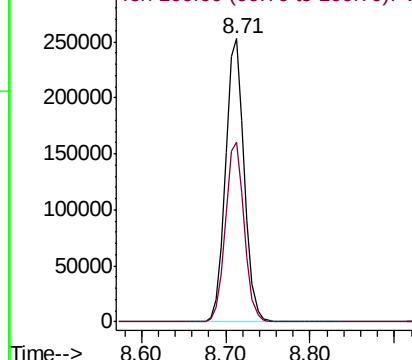
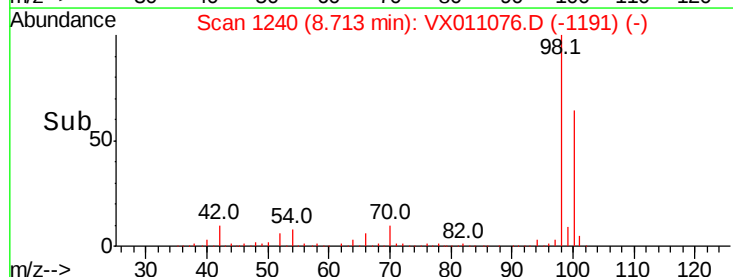
98 100

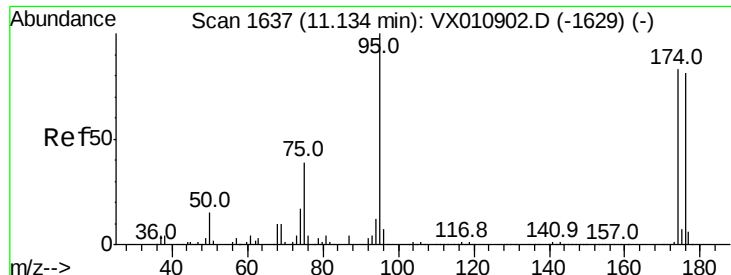
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.895 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

Instrument :

MSVOA_X

ClientSampled :

A1014

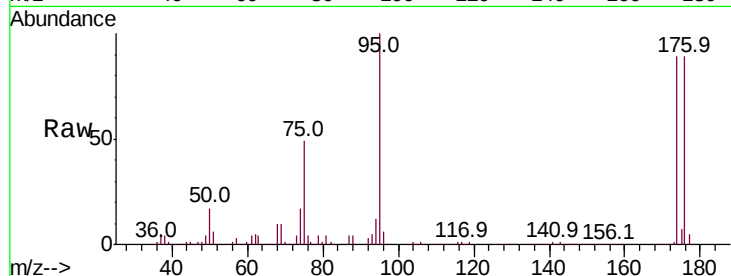
Tot Ion: 95 Resp: 138336

Ion Ratio Lower Upper

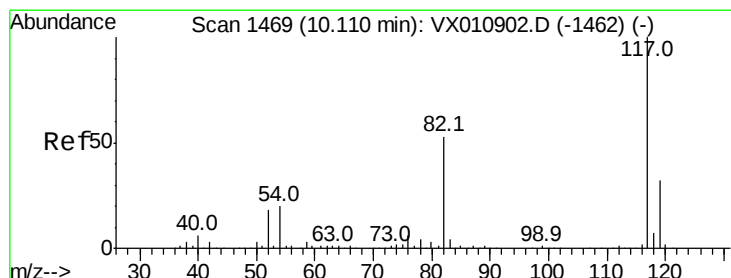
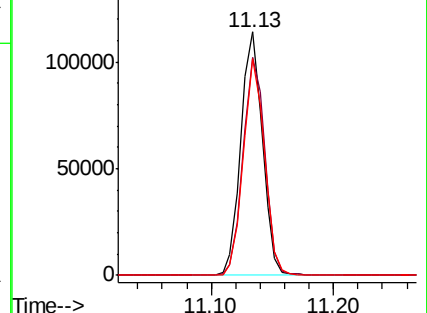
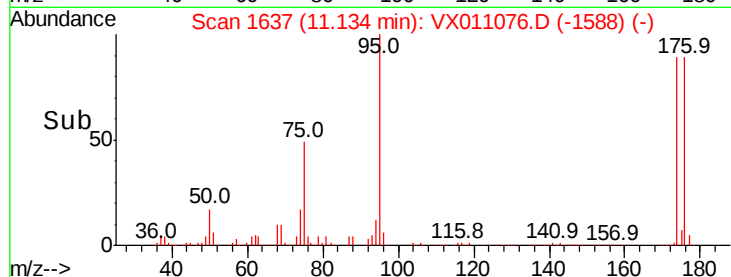
95 100

174 90.7 0.0 180.6

176 87.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011076.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011076.D

Acq: 25 Jul 2019 15:13

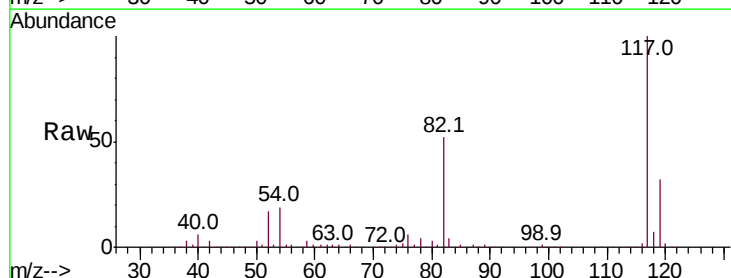
Tgt Ion: 117 Resp: 300307

Ion Ratio Lower Upper

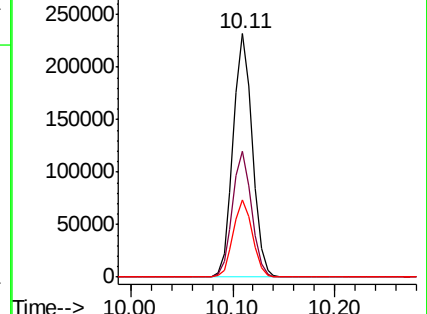
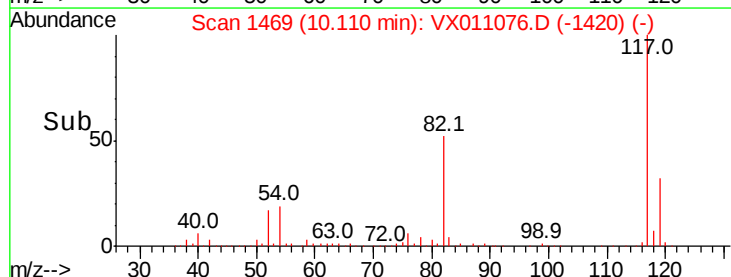
117 100

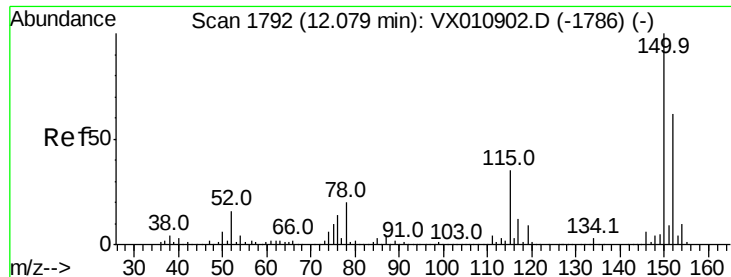
82 51.8 42.6 63.8

119 32.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011076.D (-1420) (-)

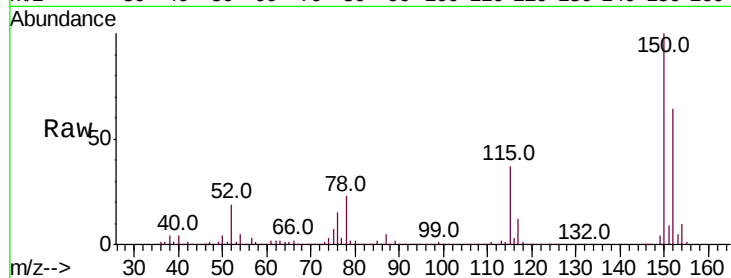




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011076.D
 Acq: 25 Jul 2019 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 A1014

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.7	119.1
150	157.2	0.0	345.6



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

