

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010042.D
 Acq On : 03 Jun 2019 17:34
 Operator : JC/SP
 Sample : K3139-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1A-S

Quant Time: Jun 04 05:01:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

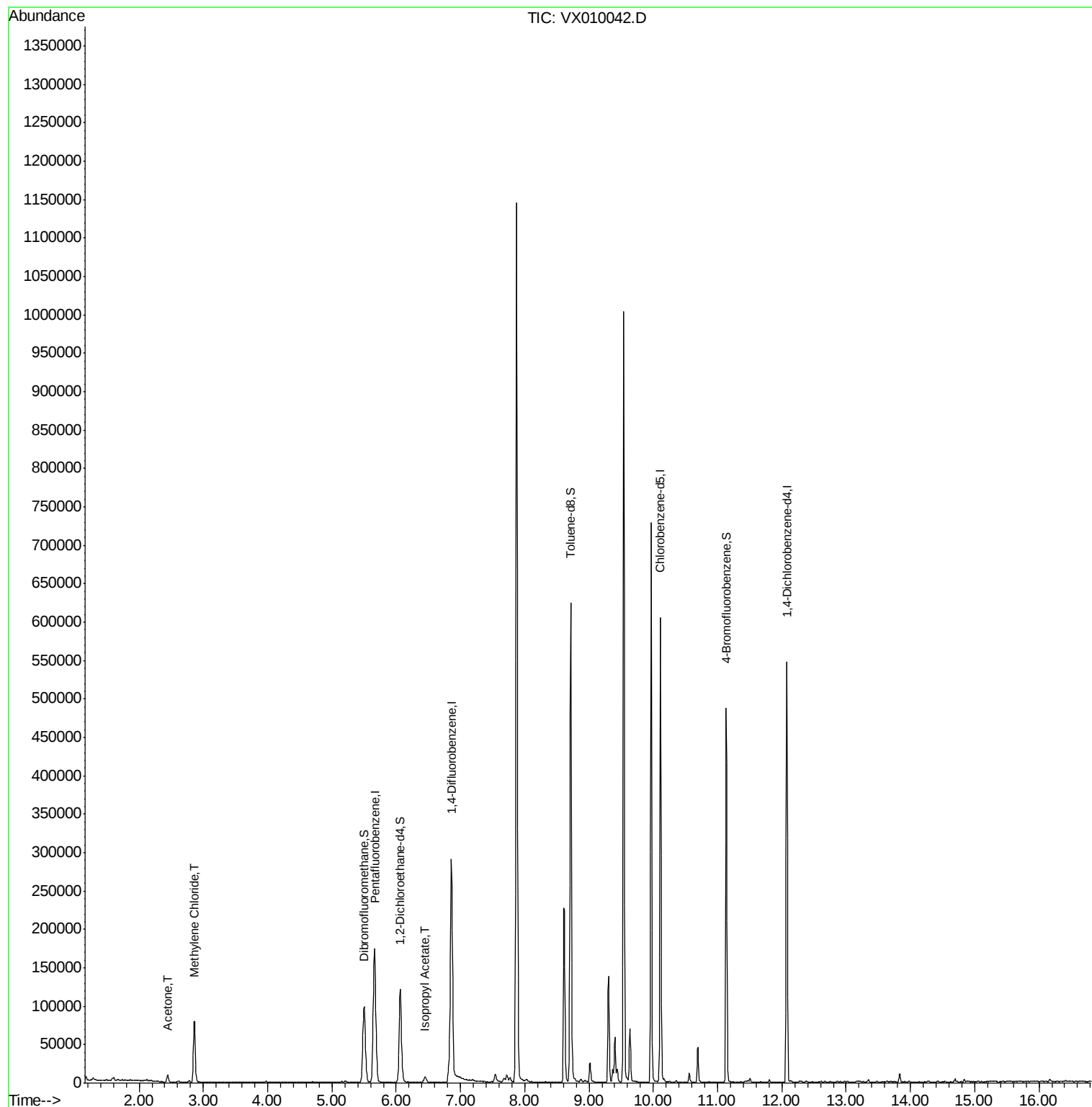
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114581	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	5.50	113	84774	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	355505	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	123055	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
Target Compounds						
16) Acetone	2.44	43	10220	7.240	ug/l	99
20) Methylene Chloride	2.86	84	36386	16.833	ug/l	99
43) Isopropyl Acetate	6.45	43	11422	1.814	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010042.D

Acq: 03 Jun 2019 17:34

Instrument :

MSVOA_X

ClientSampled :

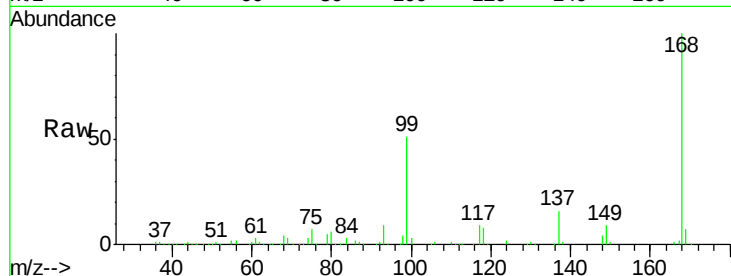
TP-1A-S

Tot Ion:168 Resp: 172946

Ion Ratio Lower Upper

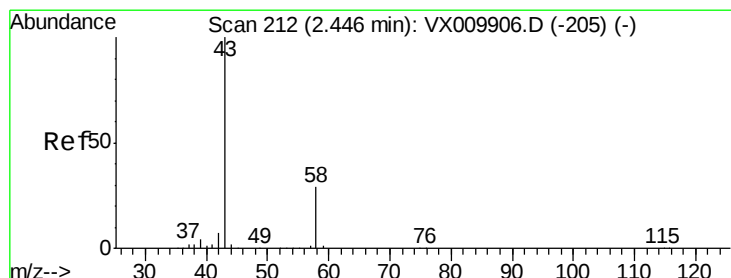
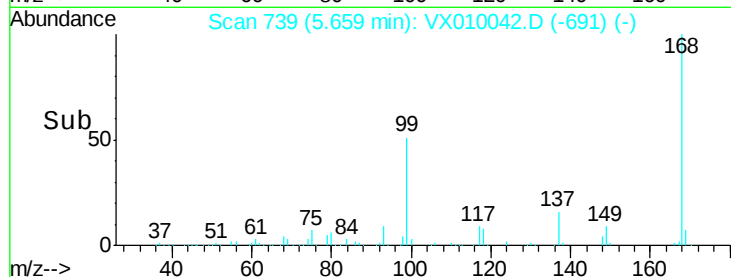
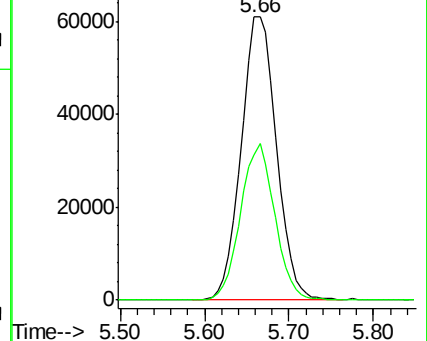
168 100

99 51.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.240 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010042.D

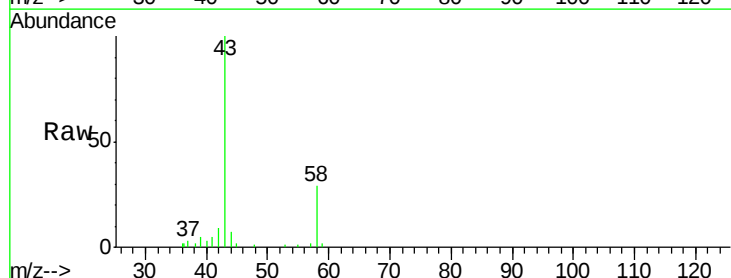
Acq: 03 Jun 2019 17:34

Tgt Ion: 43 Resp: 10220

Ion Ratio Lower Upper

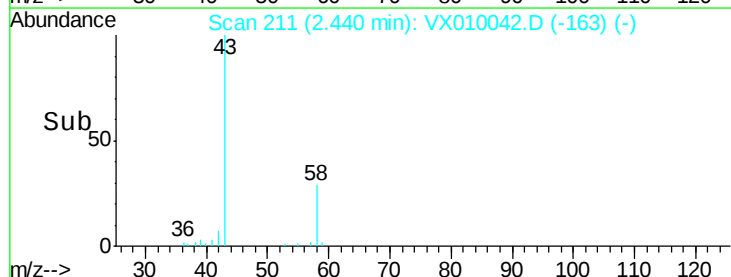
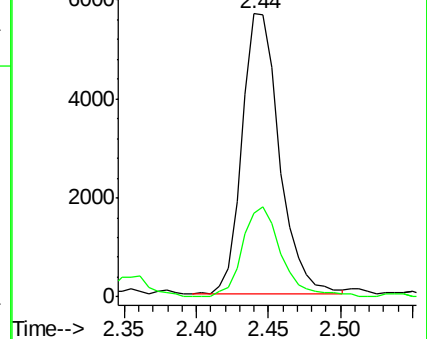
43 100

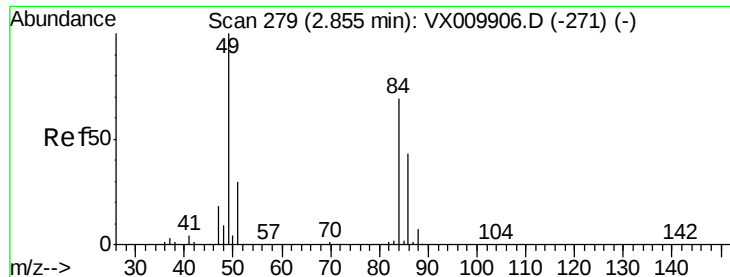
58 29.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

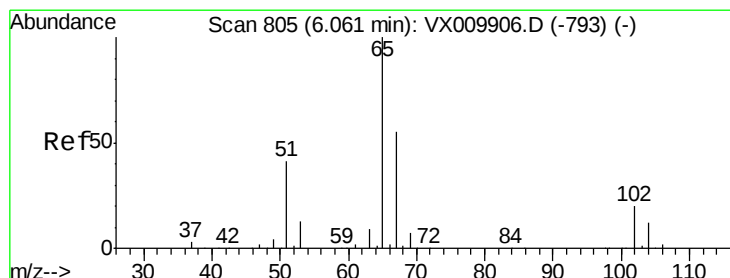
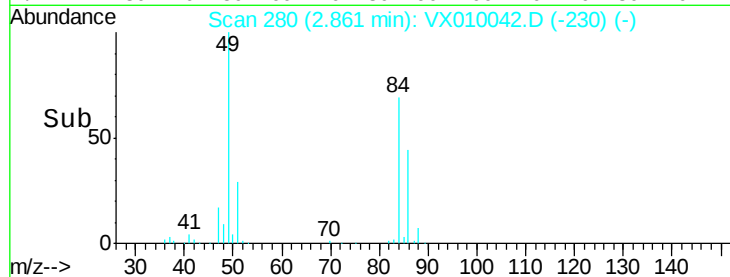
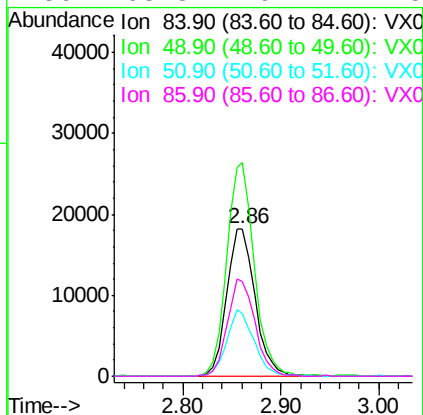
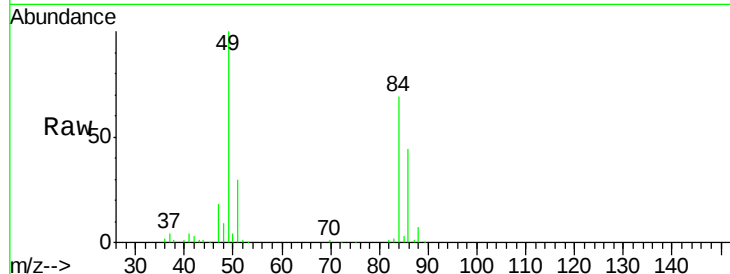




#20
Methylene Chloride
Concen: 16.833 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010042.D
Acq: 03 Jun 2019 17:34

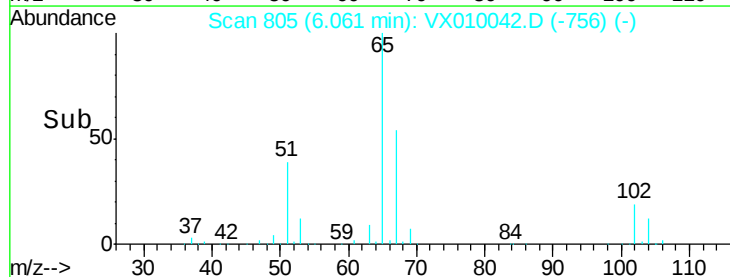
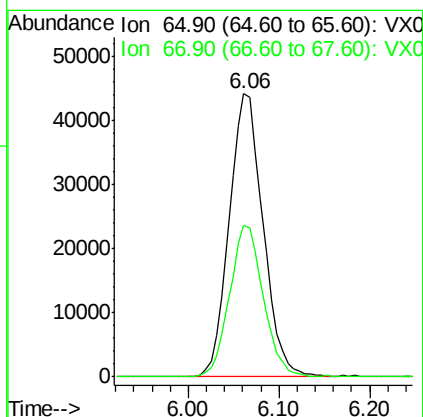
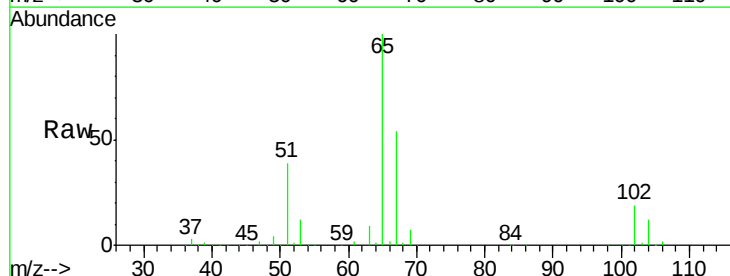
Instrument :
MSVOA_X
ClientSampleId :
TP-1A-S

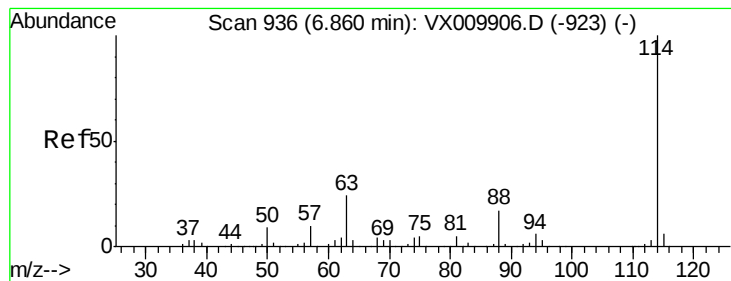
Tot Ion: 84 Resp: 36386
Ion Ratio Lower Upper
84 100
49 144.8 115.8 173.6
51 42.9 34.4 51.6
86 63.8 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 46.902 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010042.D
Acq: 03 Jun 2019 17:34

Tgt Ion: 65 Resp: 114581
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010042.D

Acq: 03 Jun 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

TP-1A-S

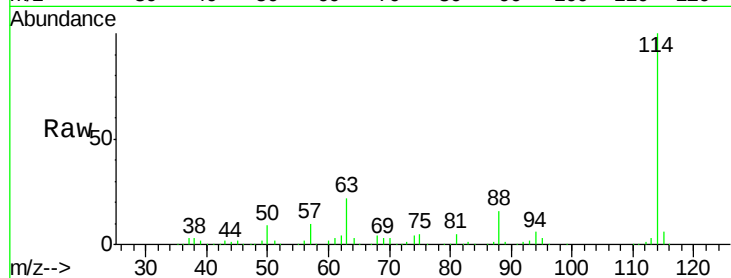
Tot Ion:114 Resp: 276009

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.4

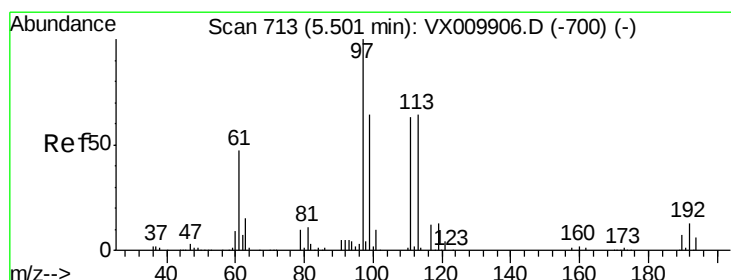
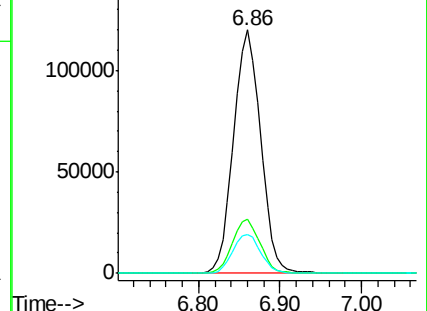
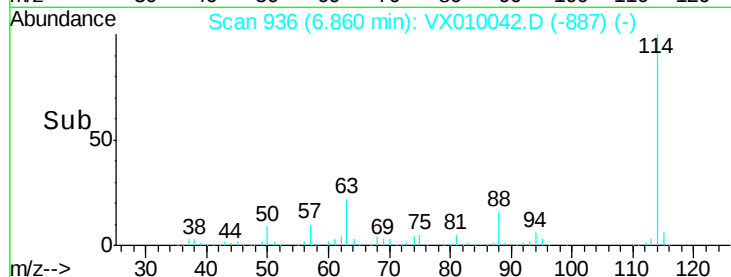
88 16.0 0.0 33.0



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: 48.853 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010042.D

Acq: 03 Jun 2019 17:34

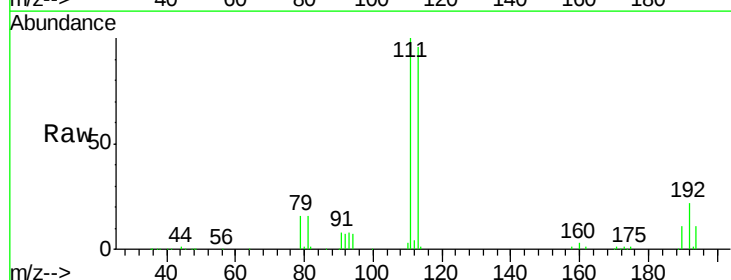
Tgt Ion:113 Resp: 84774

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

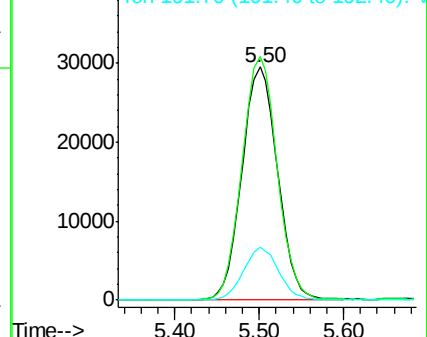
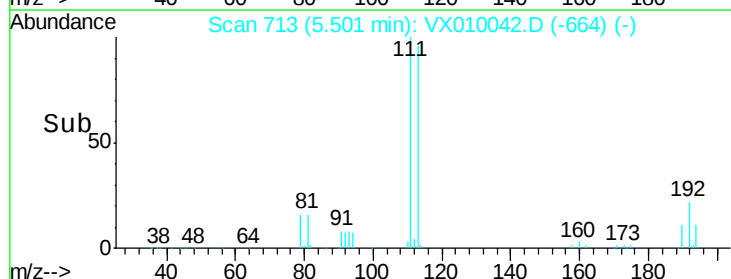
192 22.3 17.1 25.7

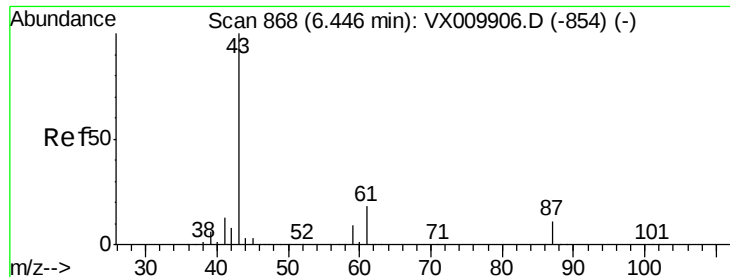


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.814 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010042.D

Acq: 03 Jun 2019 17:34

Instrument :

MSVOA_X

ClientSampled :

TP-1A-S

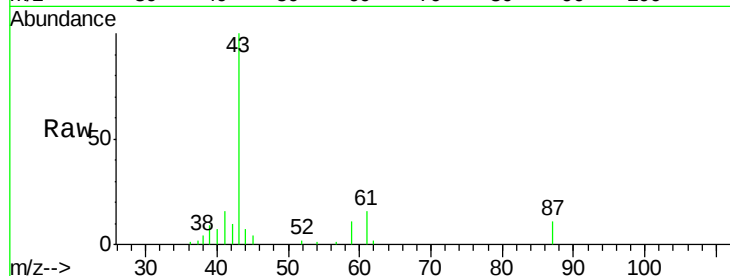
Tot Ion: 43 Resp: 11422

Ion Ratio Lower Upper

43 100

61 19.5 14.6 21.8

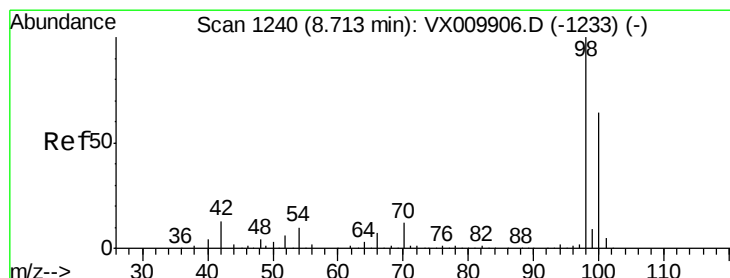
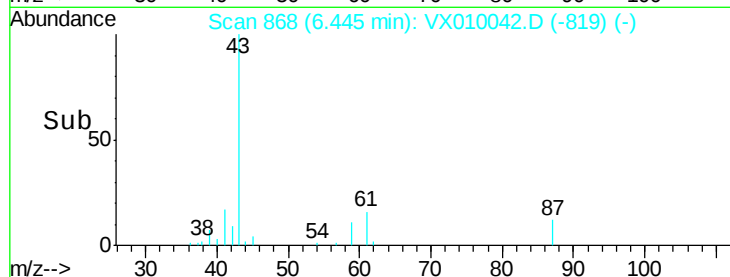
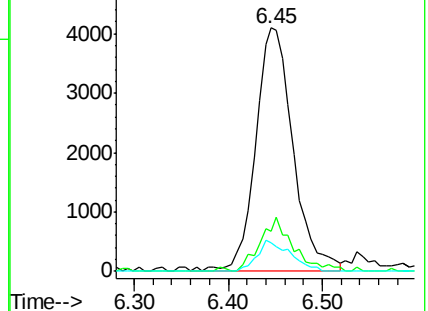
87 11.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.451 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010042.D

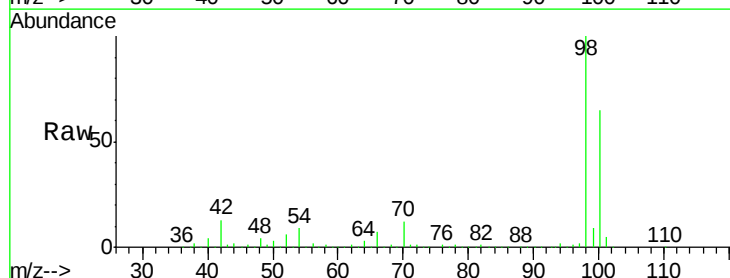
Acq: 03 Jun 2019 17:34

Tgt Ion: 98 Resp: 355505

Ion Ratio Lower Upper

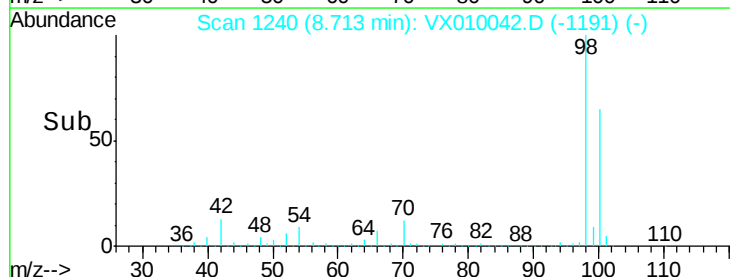
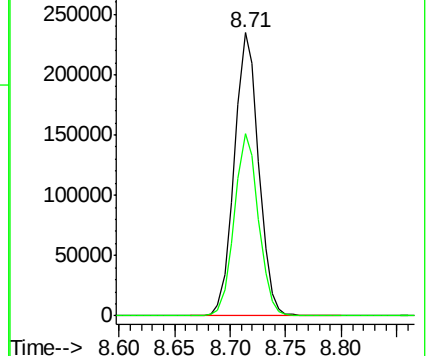
98 100

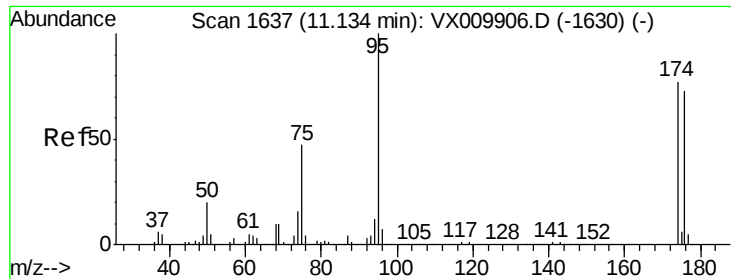
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.619 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010042.D

Acq: 03 Jun 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

TP-1A-S

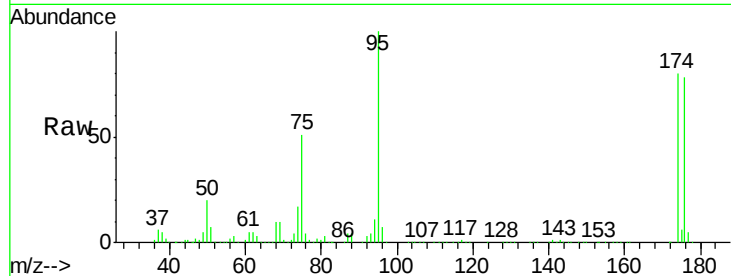
Tot Ion: 95 Resp: 123055

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.4

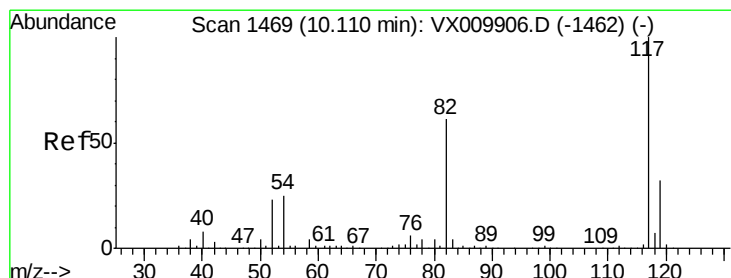
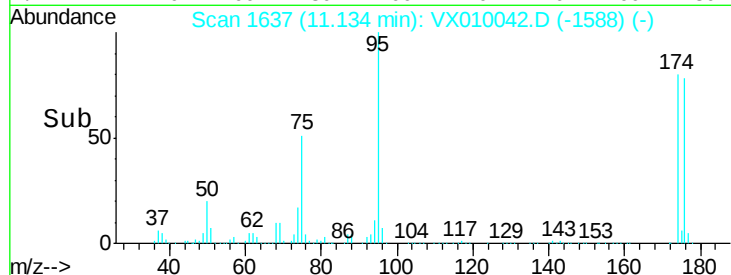
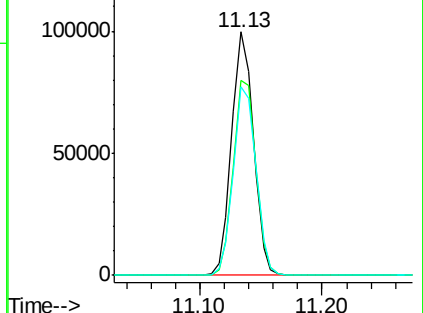
176 80.4 0.0 154.6



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010042.D

Acq: 03 Jun 2019 17:34

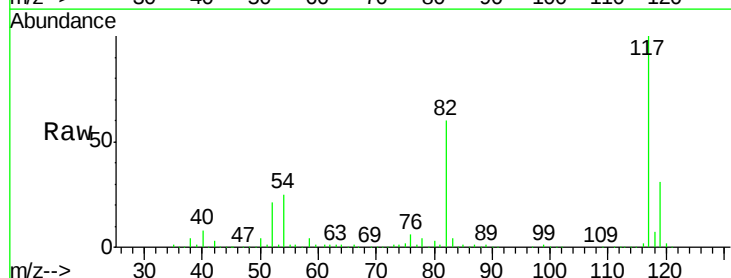
Tgt Ion: 117 Resp: 254213

Ion Ratio Lower Upper

117 100

82 59.5 49.2 73.8

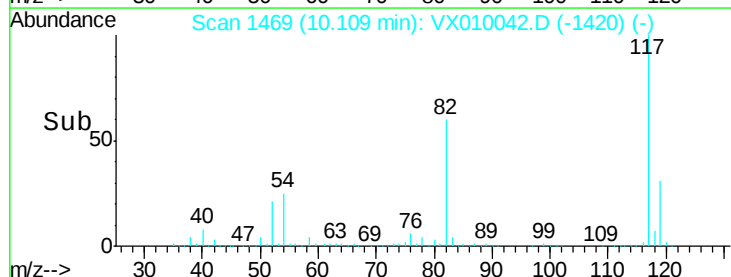
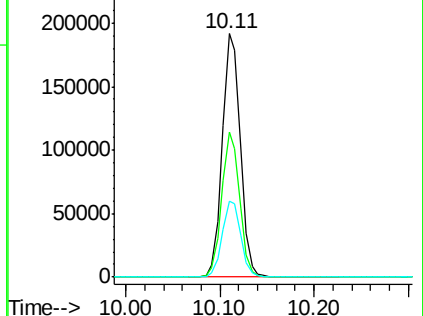
119 31.2 25.2 37.8

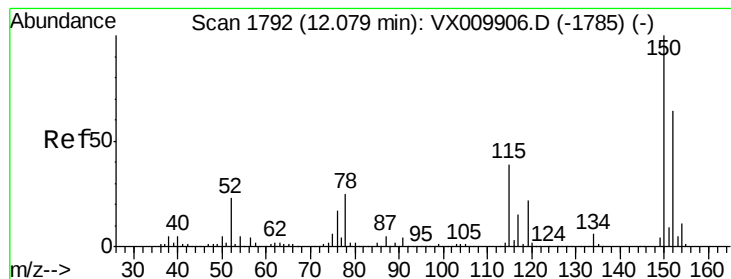


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010042.D

Acq: 03 Jun 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

TP-1A-S

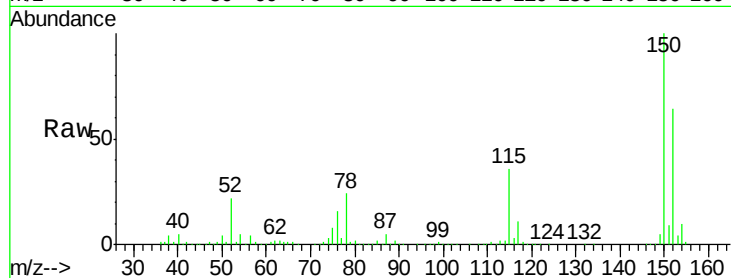
Tot Ion:152 Resp: 113488

Ion Ratio Lower Upper

152 100

115 58.3 41.4 124.2

150 158.6 0.0 345.2



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

