

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010513.D
 Acq On : 28 Jun 2019 02:37
 Operator : JC/SP
 Sample : K3509-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-06-062619-B

Quant Time: Jun 28 08:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

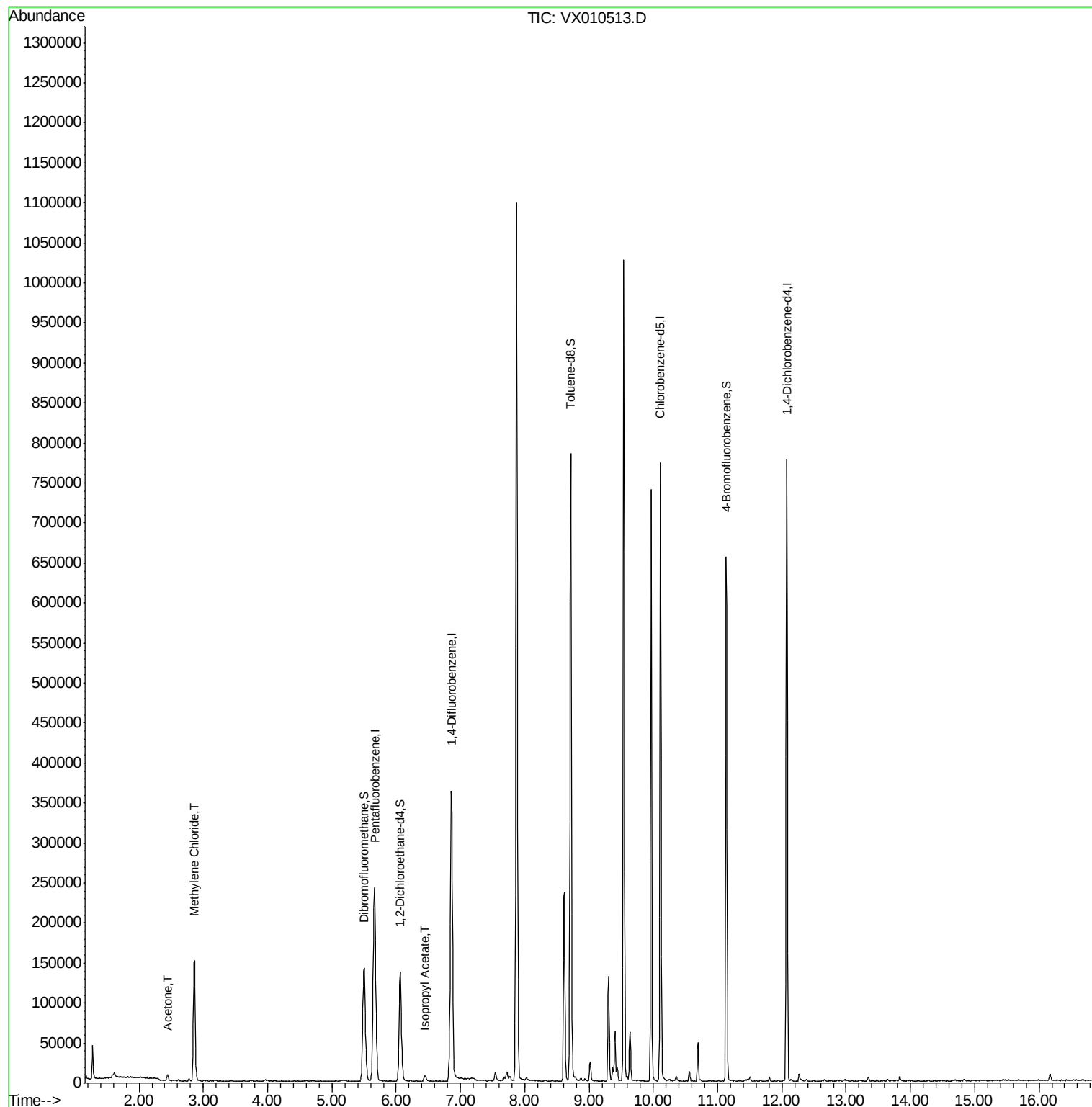
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122317	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	5.50	113	121832	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	478890	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	162597	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
16) Acetone	2.45	43	8028	6.562	ug/l	95
20) Methylene Chloride	2.86	84	79567	31.604	ug/l	94
43) Isopropyl Acetate	6.45	43	10706	1.993	ug/l	97

(#) = 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: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

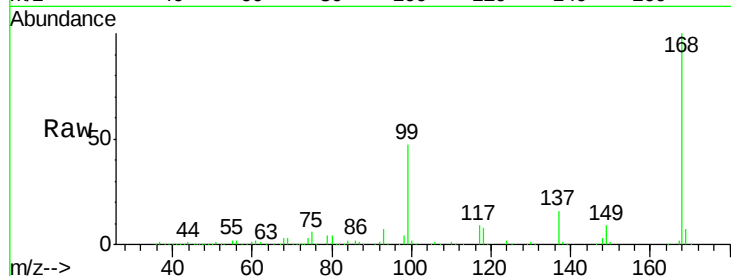
SA-06-062619-B

Tot Ion:168 Resp: 260349

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

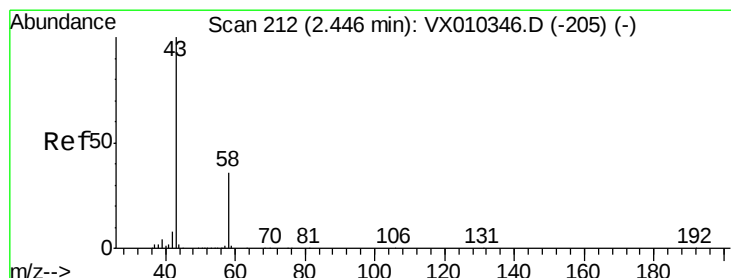
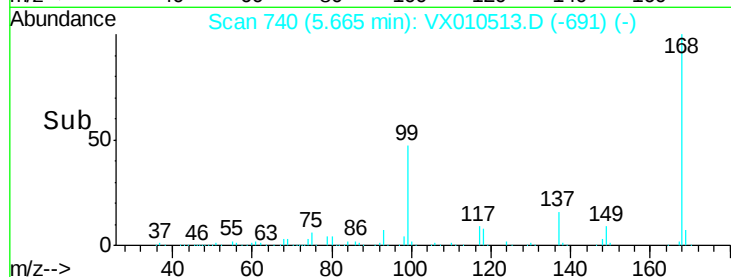
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.562 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010513.D

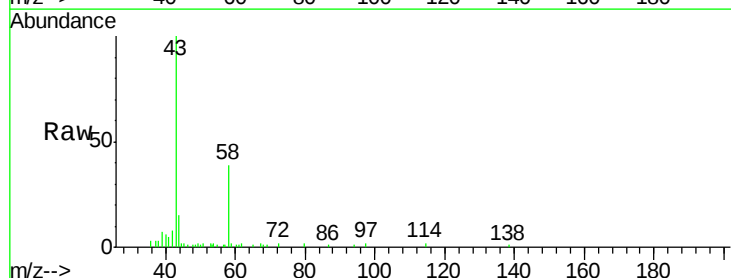
Acq: 28 Jun 2019 02:37

Tgt Ion: 43 Resp: 8028

Ion Ratio Lower Upper

43 100

58 39.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

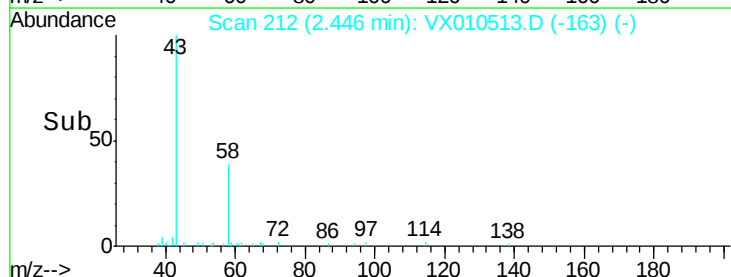
3000

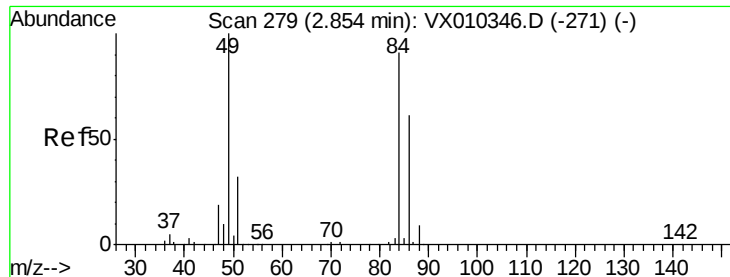
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

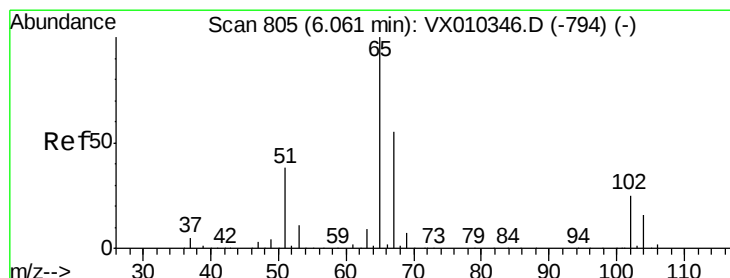
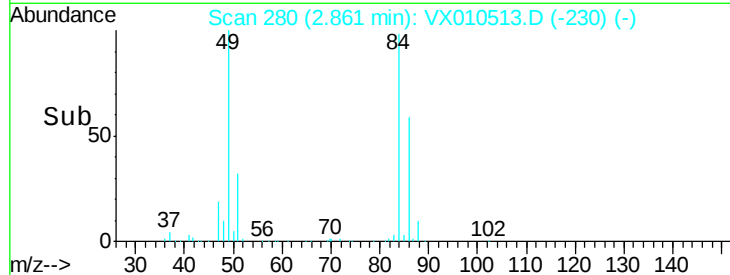
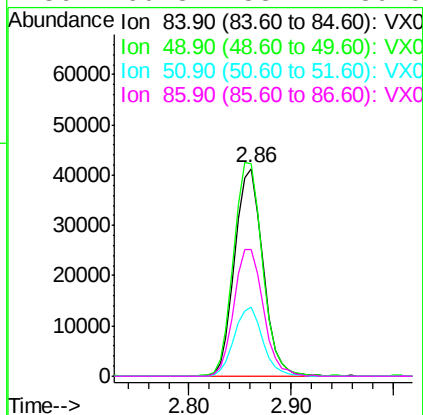
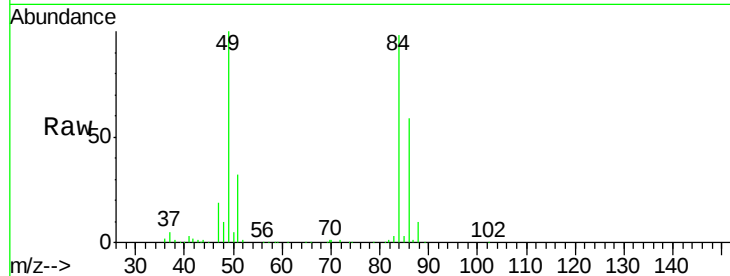




#20
Methvlene Chloride
Concen: 31.604 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

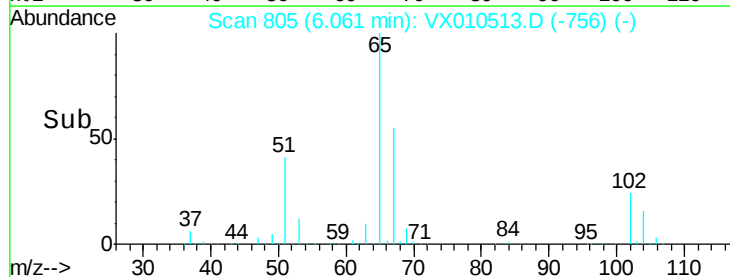
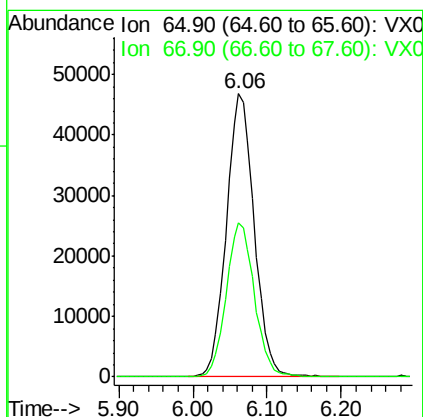
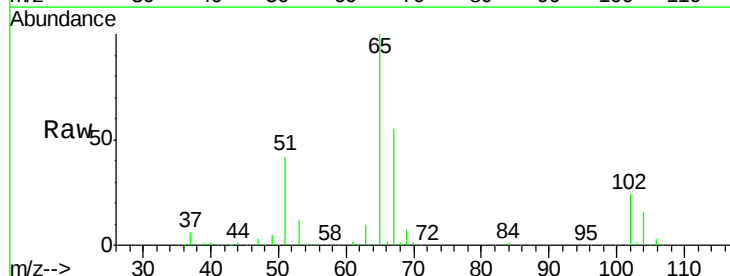
Instrument :
MSVOA_X
ClientSampleId :
SA-06-062619-B

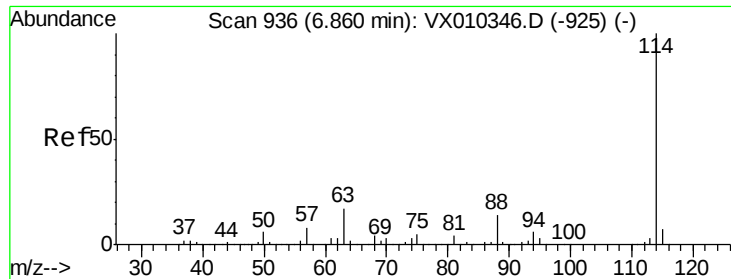
Tot Ion:	84	Resp:	79567
Ion	Ratio	Lower	Upper
84	100		
49	102.1	87.5	131.3
51	33.0	27.7	41.5
86	60.8	53.4	80.0



#33
1,2-Dichloroethane-d4
Concen: 50.109 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:	65	Resp:	122317
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.2

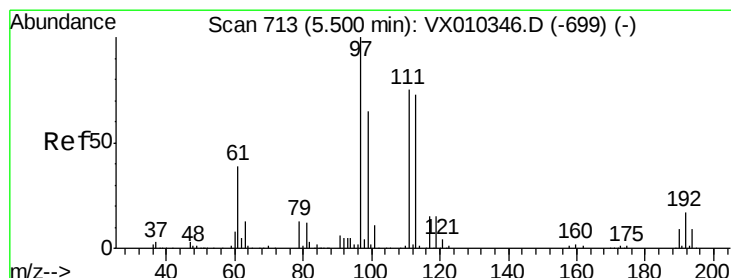
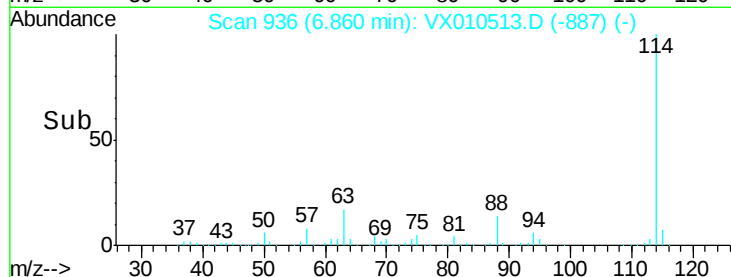
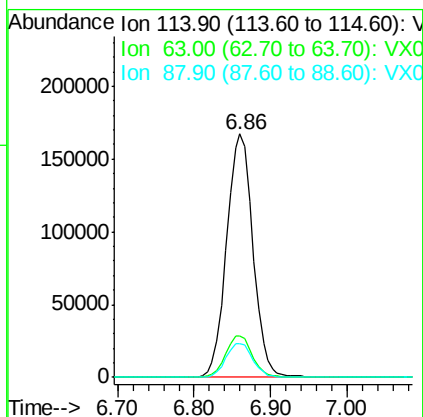
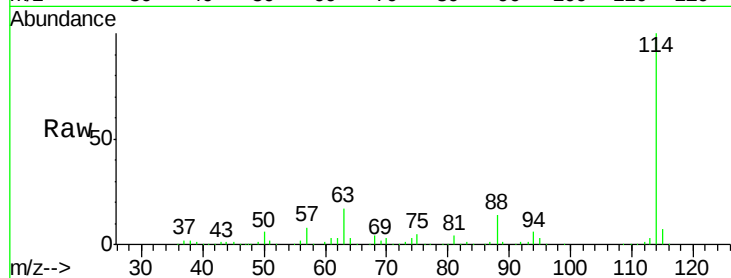




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

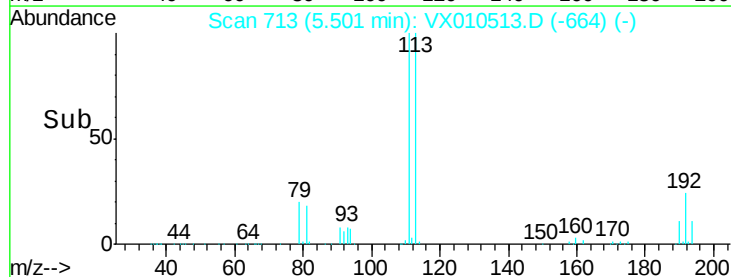
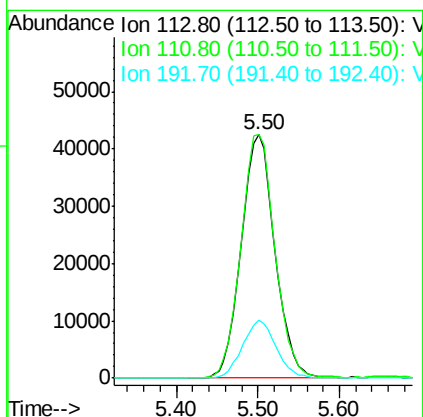
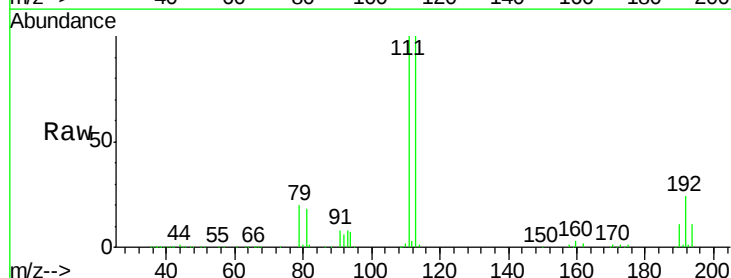
Instrument :
MSVOA_X
ClientSampleId :
SA-06-062619-B

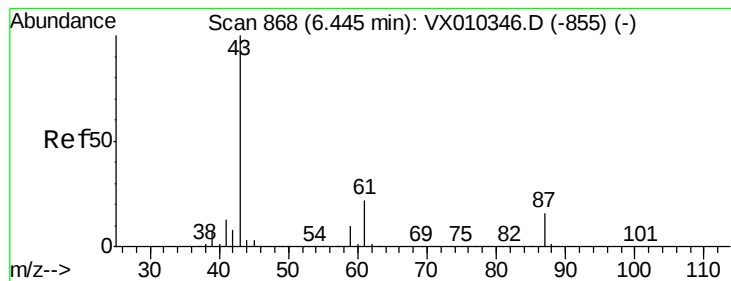
Tot Ion:114 Resp: 397113
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.8
88 13.9 0.0 27.6



#35
Dibromofluoromethane
Concen: 50.143 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:113 Resp: 121832
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 23.6 18.6 27.8





#43

Isopropyl Acetate

Concen: 1.993 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

SA-06-062619-B

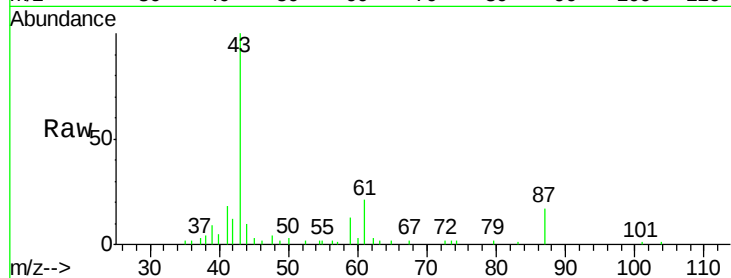
Tot Ion: 43 Resp: 10706

Ion Ratio Lower Upper

43 100

61 20.0 17.8 26.6

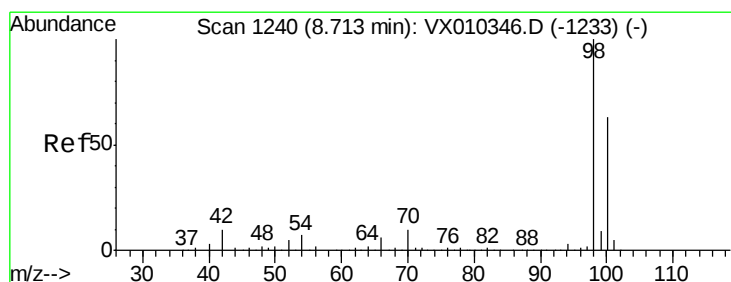
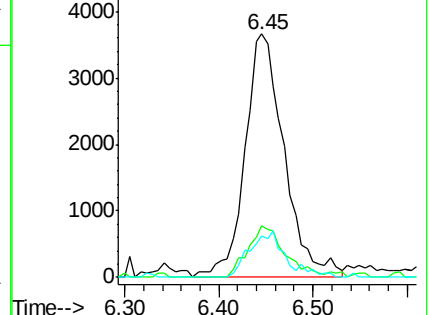
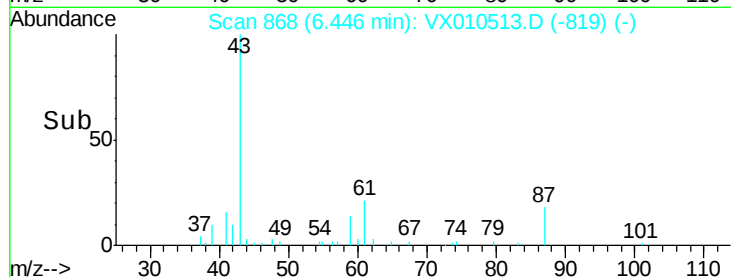
87 15.6 13.0 19.4



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: 51.519 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010513.D

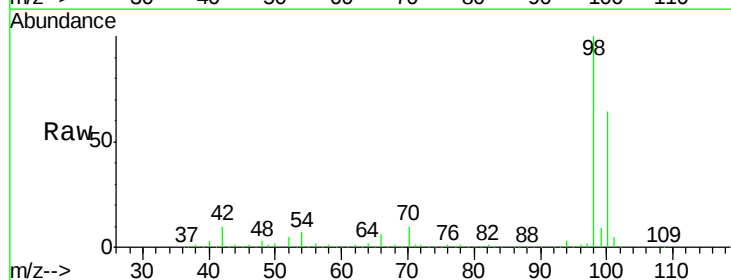
Acq: 28 Jun 2019 02:37

Tgt Ion: 98 Resp: 478890

Ion Ratio Lower Upper

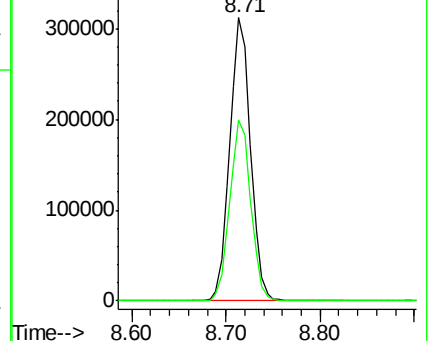
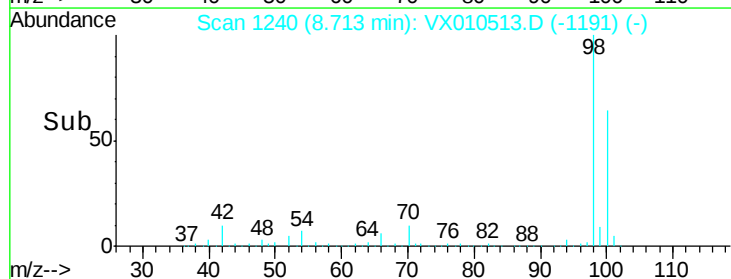
98 100

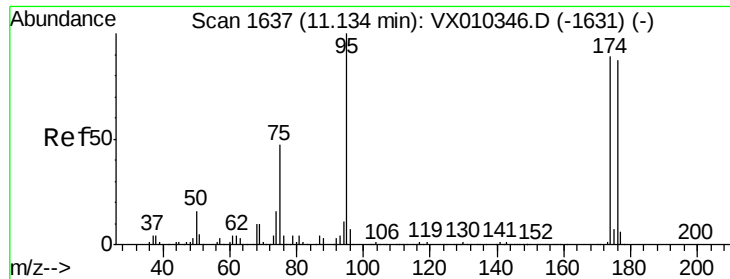
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.451 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

SA-06-062619-B

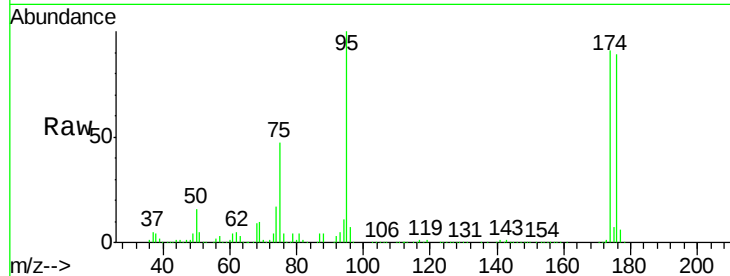
Tot Ion: 95 Resp: 162597

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.6

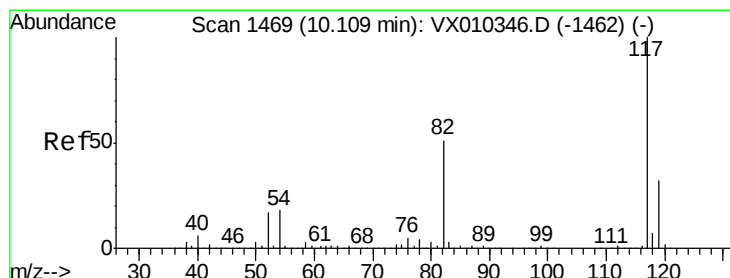
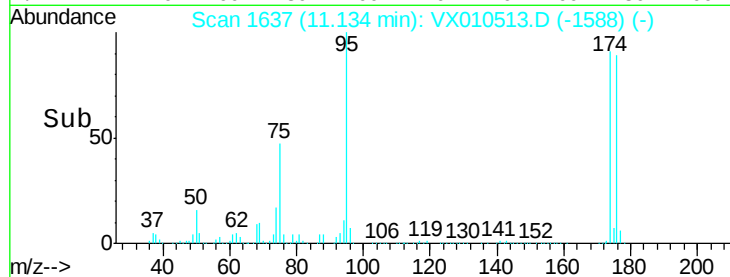
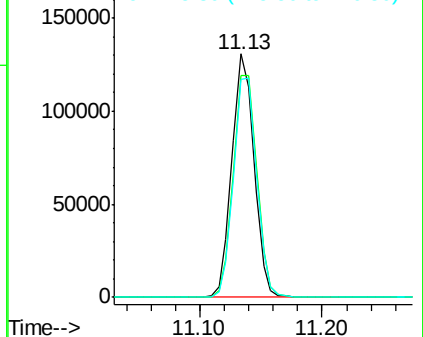
176 94.7 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010513.D

Acq: 28 Jun 2019 02:37

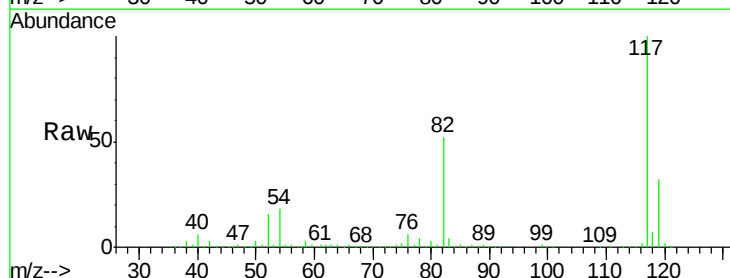
Tgt Ion: 117 Resp: 373868

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

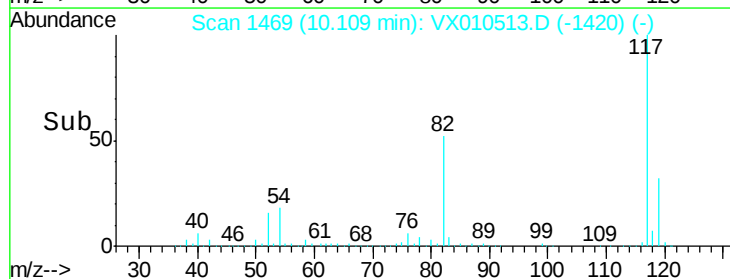
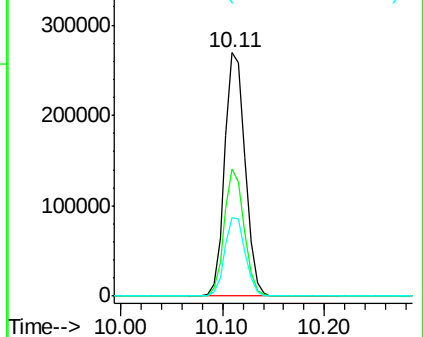
119 32.2 25.5 38.3

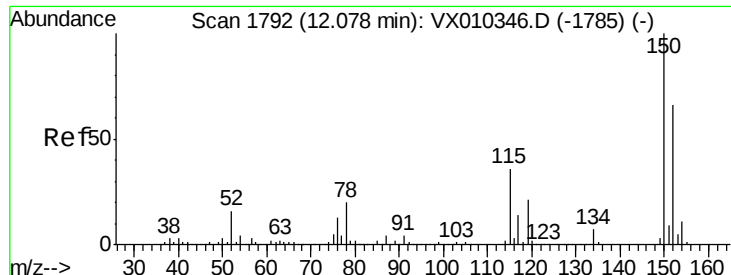


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

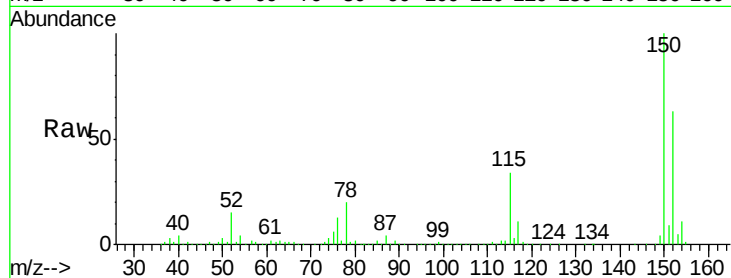




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010513.D
 Acq: 28 Jun 2019 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-06-062619-B

Tot Ion:152 Resp: 172459
 Ion Ratio Lower Upper
 152 100
 115 54.8 38.6 115.7
 150 158.5 0.0 347.4



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

