

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011767.D
 Acq On : 22 Aug 2019 17:19
 Operator : JC/SP
 Sample : K4388-37
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-E1-(0)

Quant Time: Aug 23 03:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

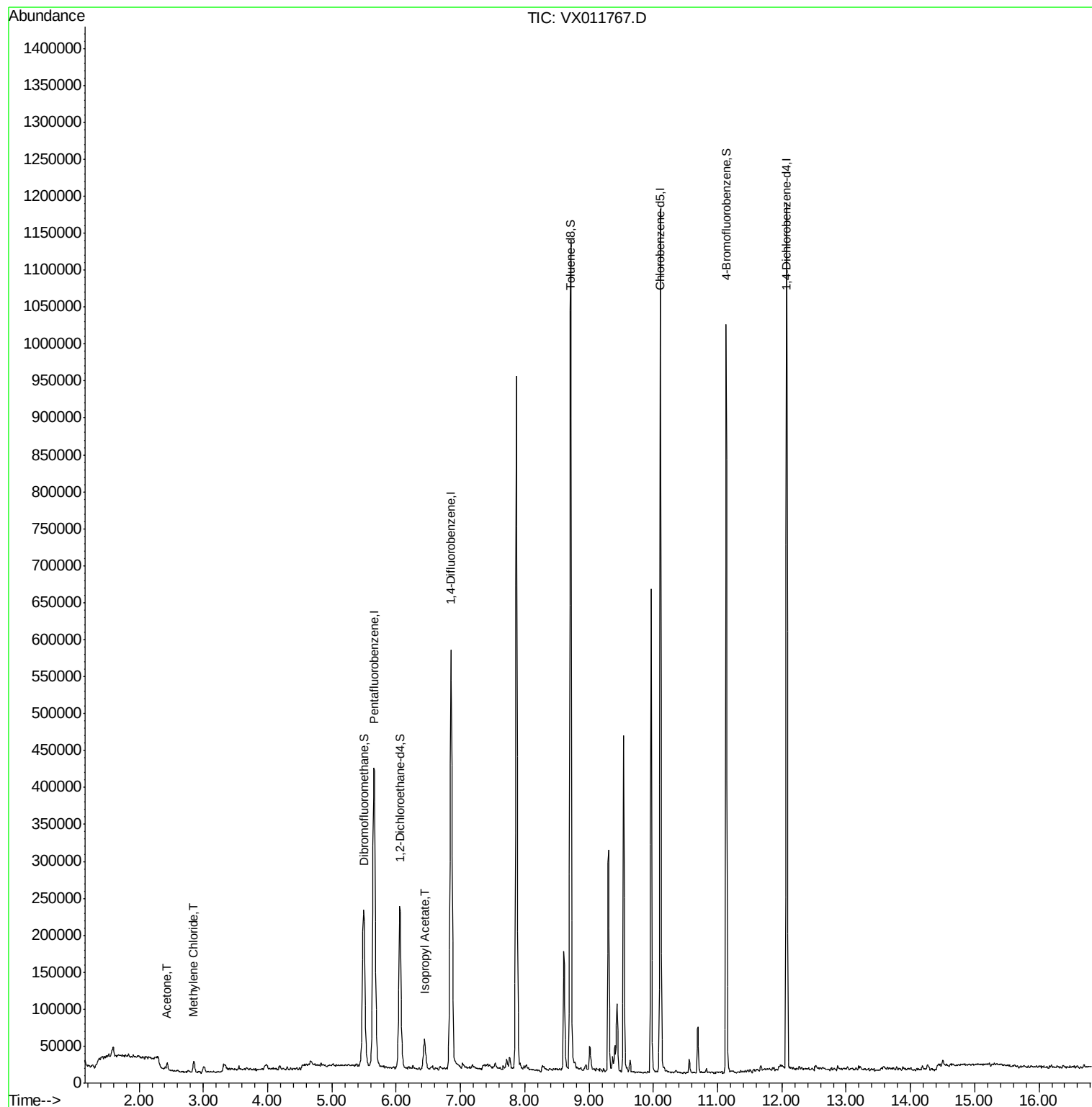
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	435311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	614452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	565346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214988	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
35) Dibromofluoromethane	5.49	113	177047	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
50) Toluene-d8	8.71	98	702831	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	249647	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
16) Acetone	2.43	43	10169	5.346	ug/l	96
20) Methylene Chloride	2.85	84	7716	1.984	ug/l	96
43) Isopropyl Acetate	6.44	43	55176	6.686	ug/l	99

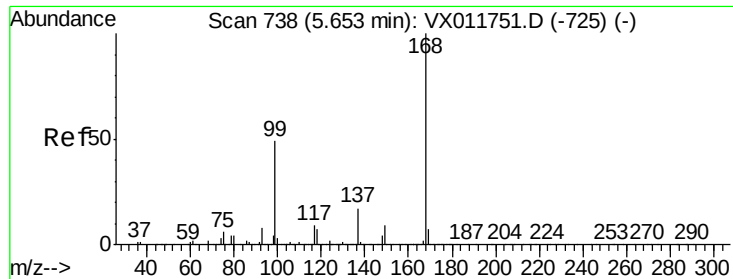
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011767.D

Acq: 22 Aug 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

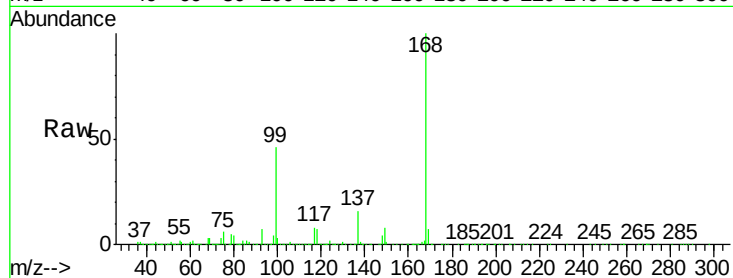
T6-E1-(0)

Tot Ion:168 Resp: 435311

Ion Ratio Lower Upper

168 100

99 46.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

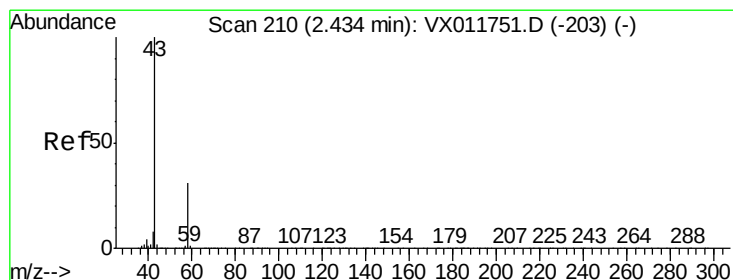
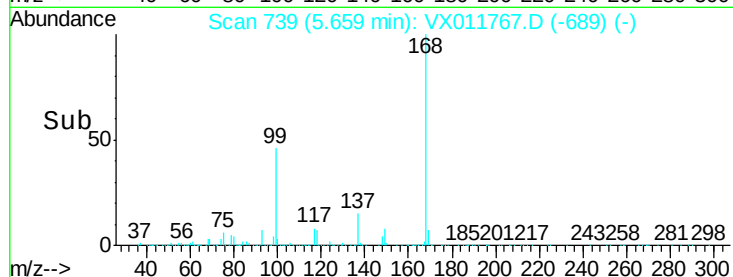
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.346 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011767.D

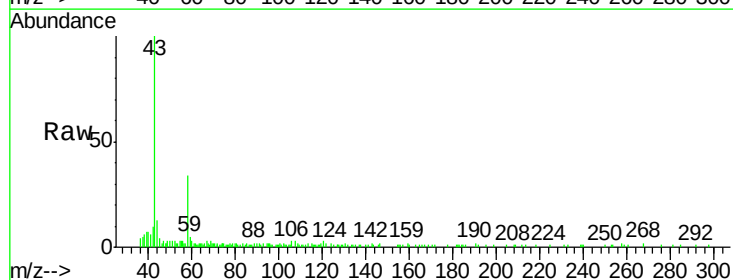
Acq: 22 Aug 2019 17:19

Tgt Ion: 43 Resp: 10169

Ion Ratio Lower Upper

43 100

58 32.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

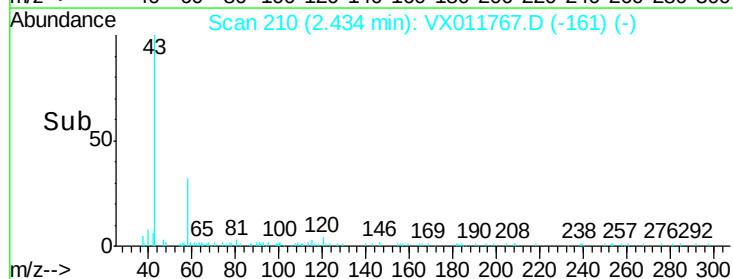
4000

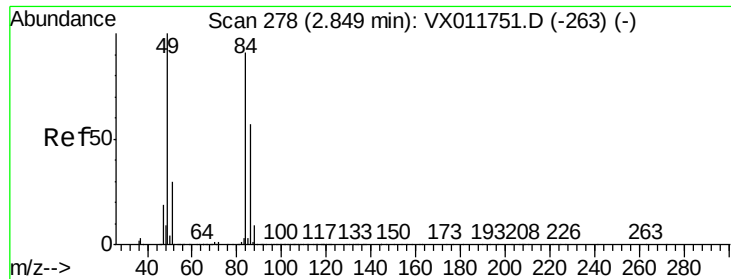
2000

0

Time-->

2.35 2.40 2.45 2.50

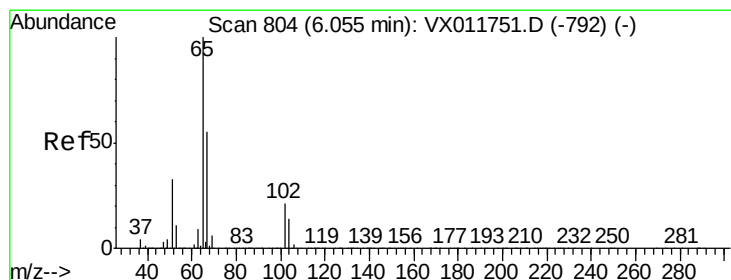
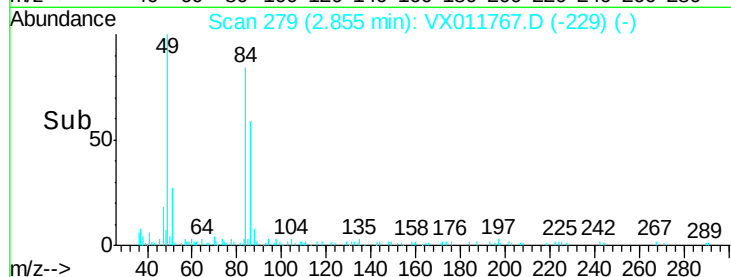
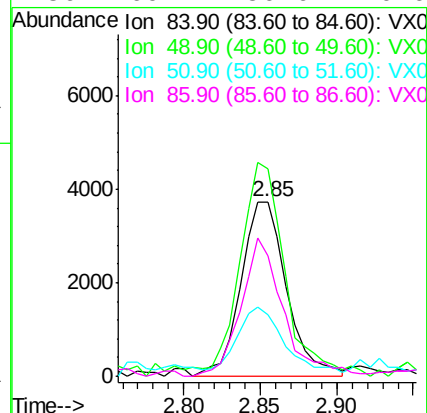
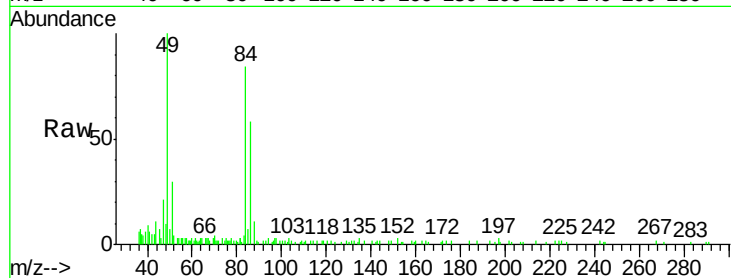




#20
Methylene Chloride
Concen: 1.984 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011767.D
Acq: 22 Aug 2019 17:19

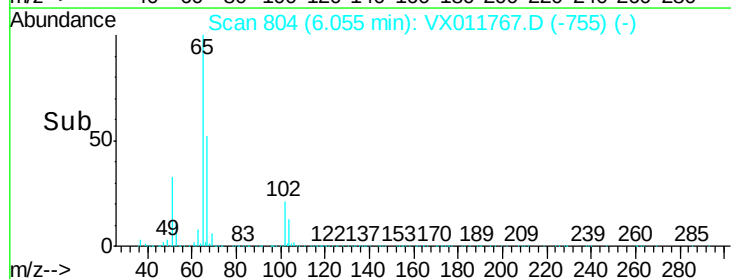
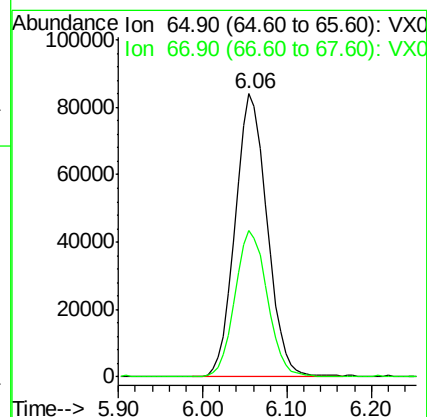
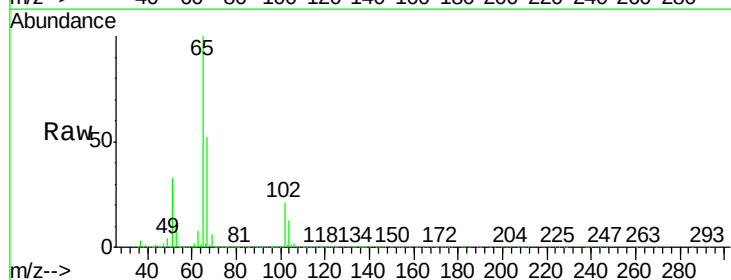
Instrument :
MSVOA_X
ClientSampleId :
T6-E1-(0)

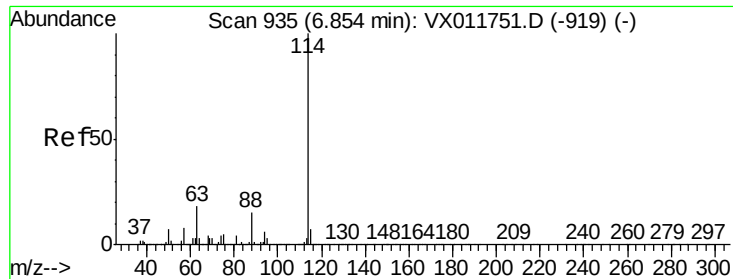
Tot Ion: 84 Resp: 7716
Ion Ratio Lower Upper
84 100
49 113.9 88.3 132.5
51 33.1 26.2 39.2
86 69.1 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 49.163 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011767.D
Acq: 22 Aug 2019 17:19

Tgt Ion: 65 Resp: 214988
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8

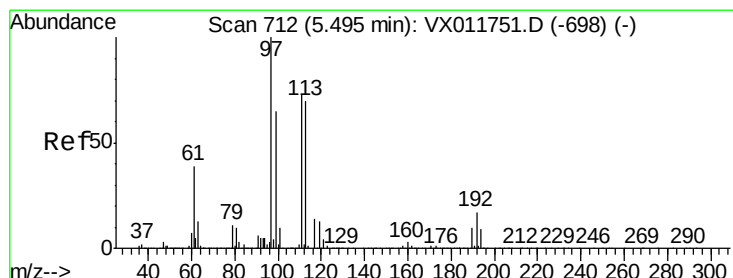
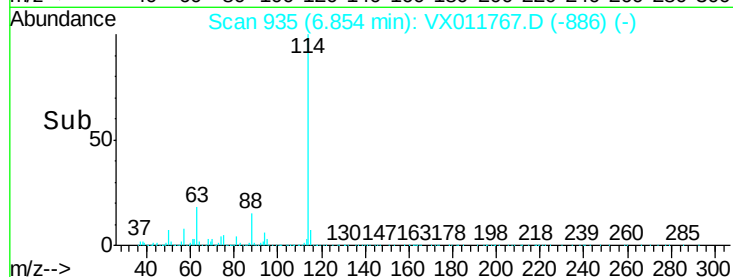
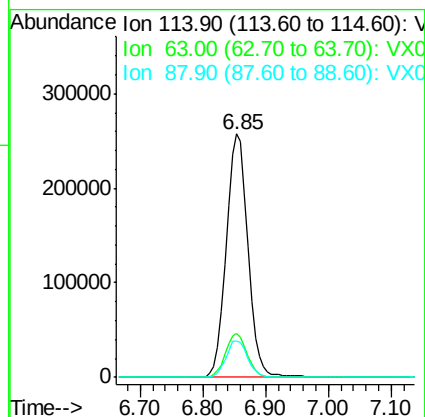
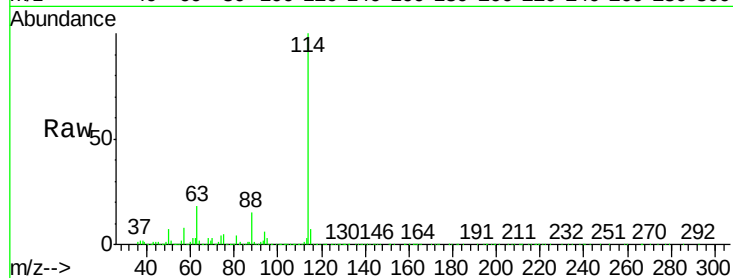




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011767.D
 Acq: 22 Aug 2019 17:19

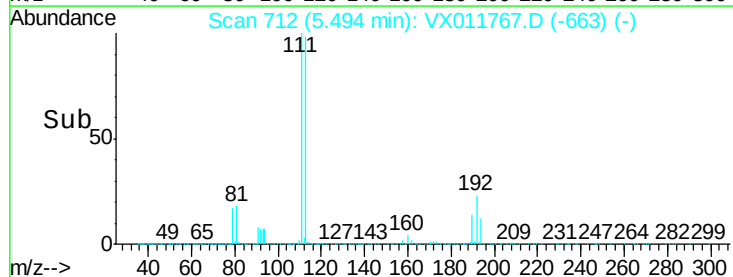
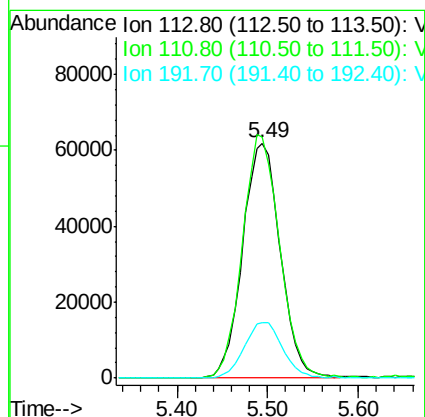
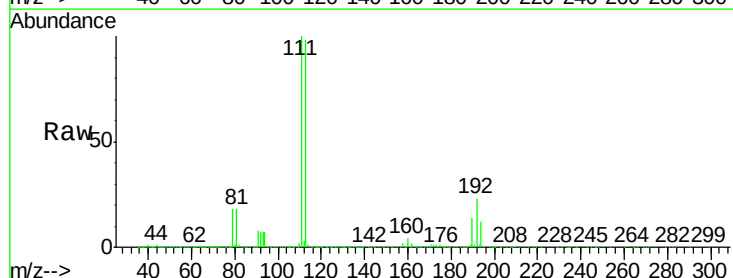
Instrument :
 MSVOA_X
 ClientSampleId :
 T6-E1-(0)

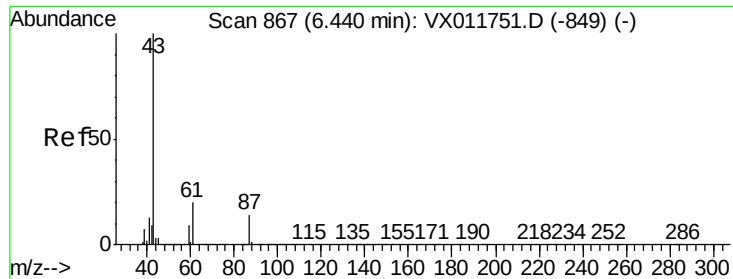
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	15.0	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 44.559 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011767.D
 Acq: 22 Aug 2019 17:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	24.2	19.9	29.9





#43

Isopropyl Acetate

Concen: 6.686 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011767.D

Acq: 22 Aug 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

T6-E1-(0)

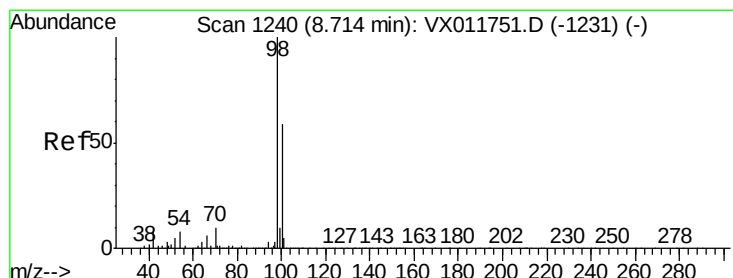
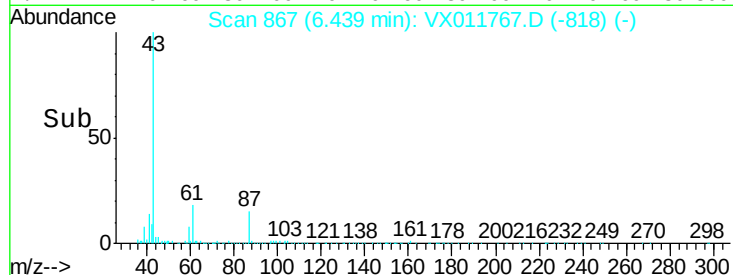
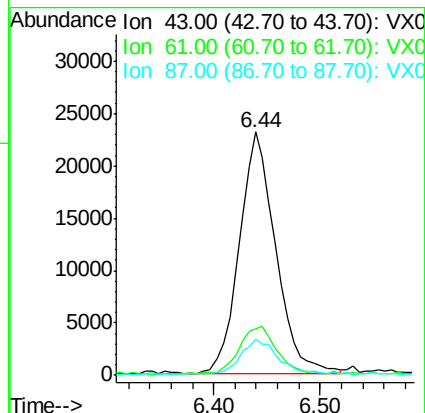
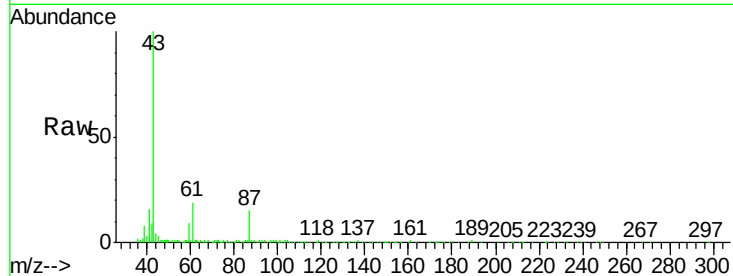
Tot Ion: 43 Resp: 55176

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.2

87 14.8 11.6 17.4



#50

Toluene-d8

Concen: 50.713 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011767.D

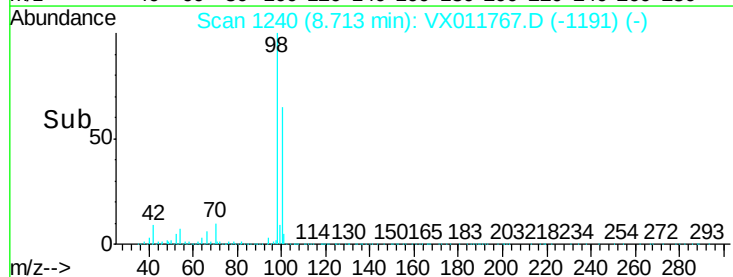
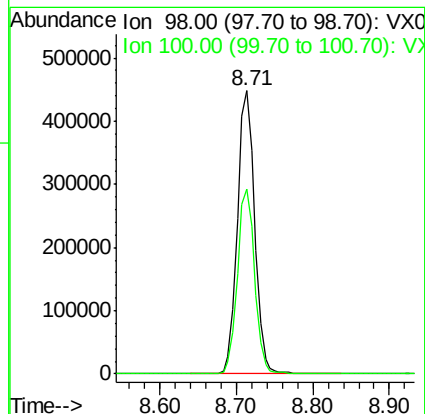
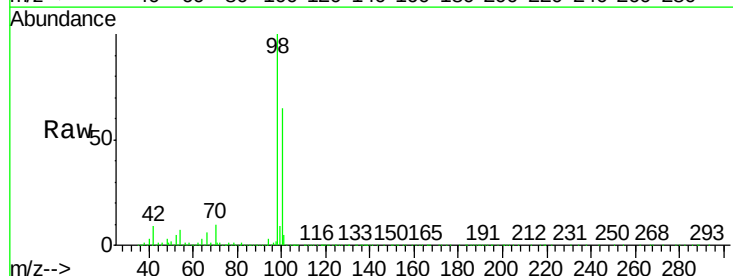
Acq: 22 Aug 2019 17:19

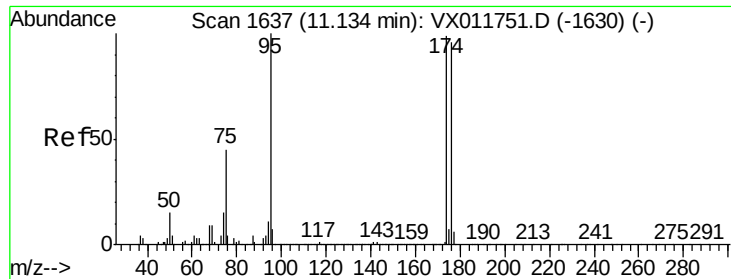
Tgt Ion: 98 Resp: 702831

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 45.574 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011767.D

Acq: 22 Aug 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

T6-E1-(0)

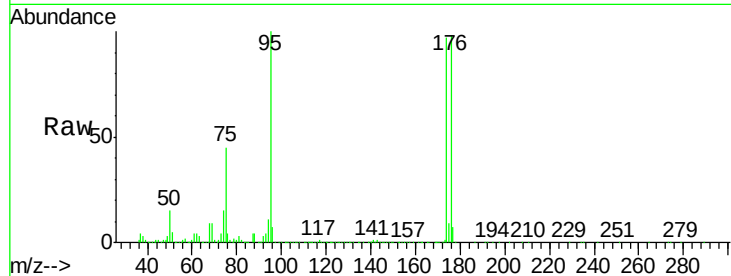
Tot Ion: 95 Resp: 249647

Ion Ratio Lower Upper

95 100

174 102.1 0.0 197.4

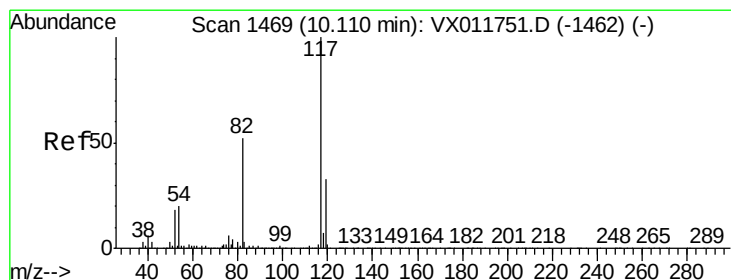
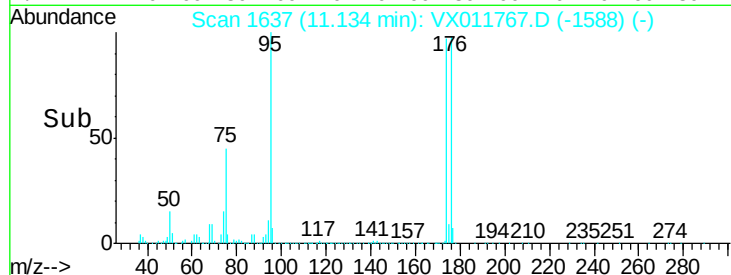
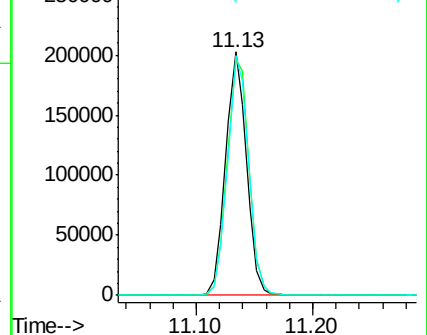
176 100.2 0.0 194.4



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: VX011767.D

Acq: 22 Aug 2019 17:19

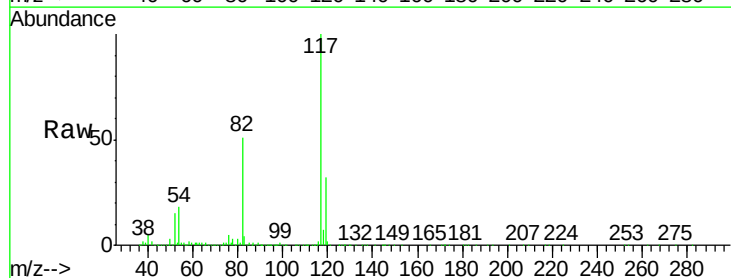
Tgt Ion: 117 Resp: 565346

Ion Ratio Lower Upper

117 100

82 51.1 41.7 62.5

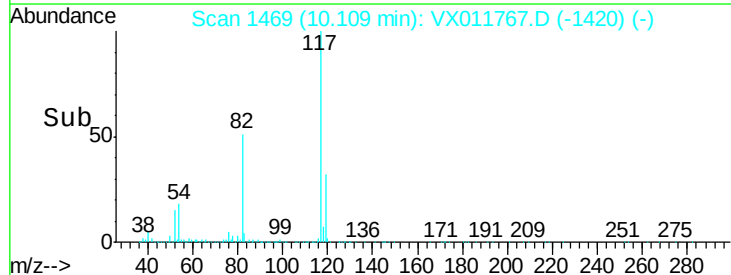
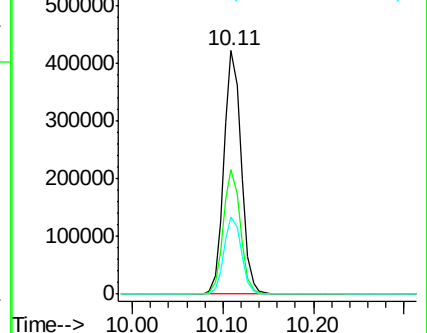
119 31.8 26.2 39.2

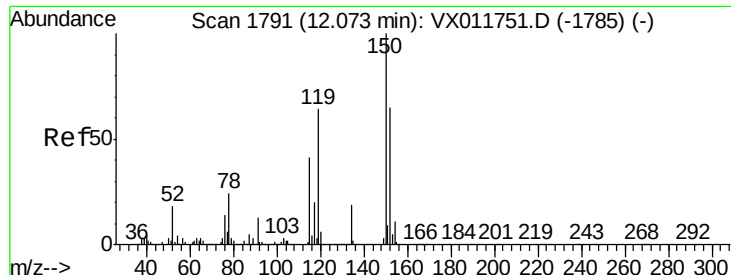


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

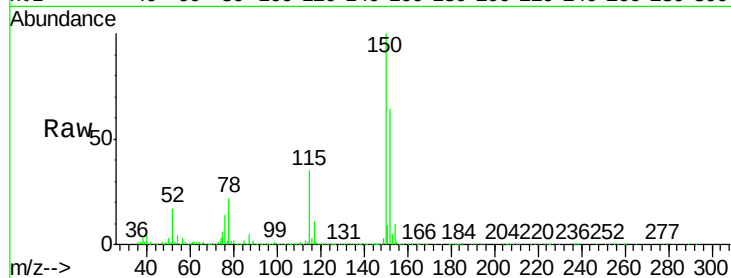




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX011767.D
 Acq: 22 Aug 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-E1-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	37.3	111.8
150	158.9	0.0	343.0



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

