

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011546.D
 Acq On : 13 Aug 2019 19:11
 Operator : JC/SP
 Sample : K4266-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-A2-(4.3)

Quant Time: Aug 14 02:32:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

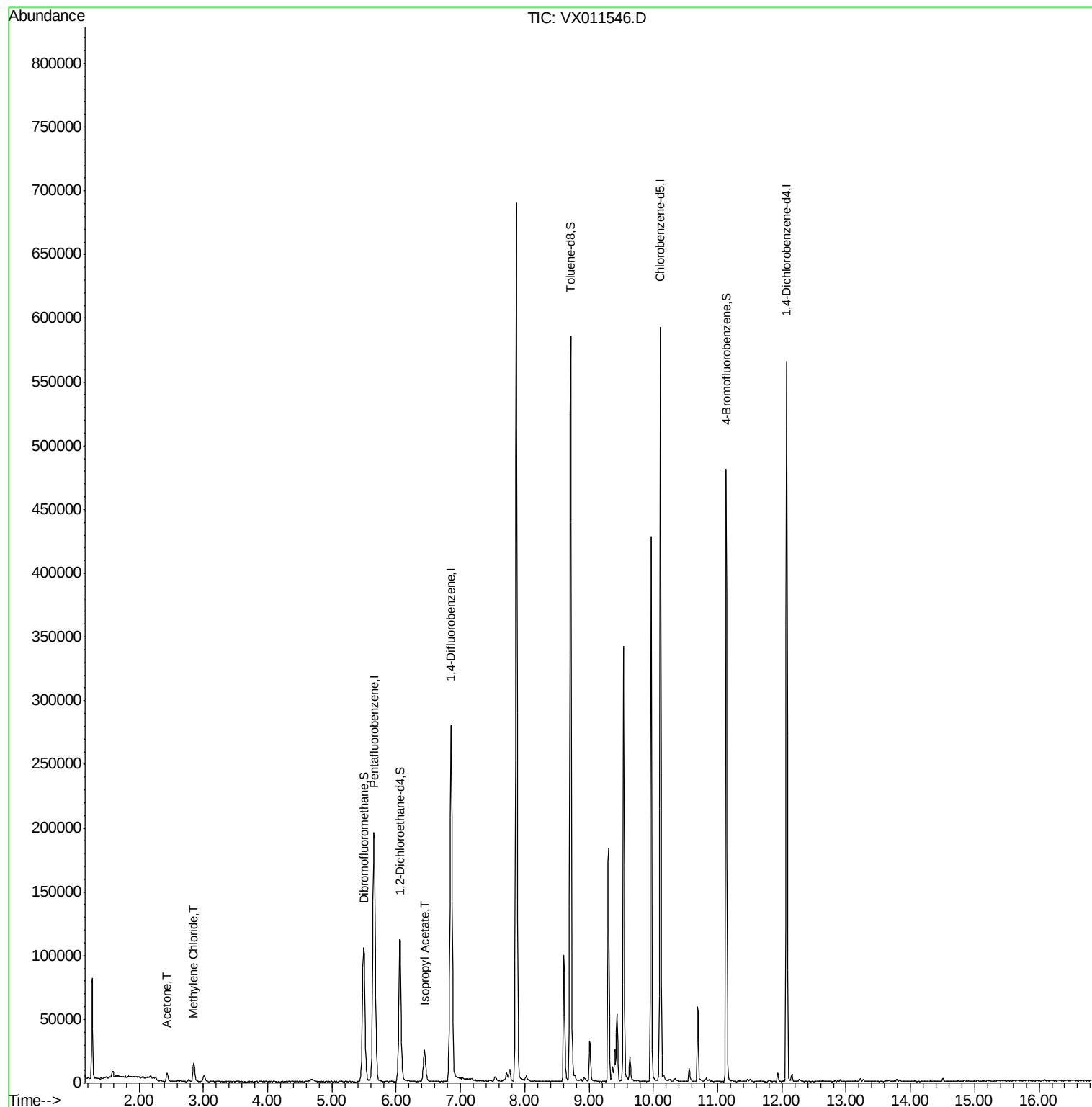
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	191164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106816	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
35) Dibromofluoromethane	5.49	113	88116	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	8.71	98	343800	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	117419	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
16) Acetone	2.43	43	7202	7.860	ug/l	96
20) Methylene Chloride	2.85	84	6855	3.416	ug/l	86
43) Isopropyl Acetate	6.45	43	32241	8.008	ug/l	99

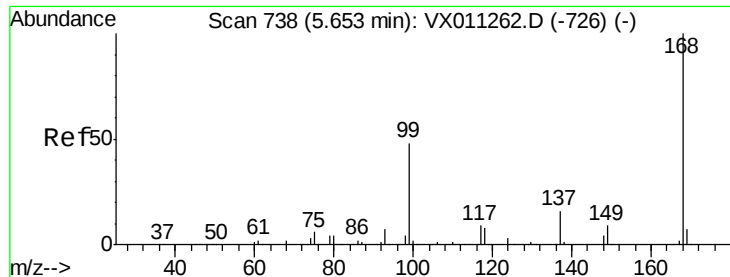
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011546.D

Acq: 13 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

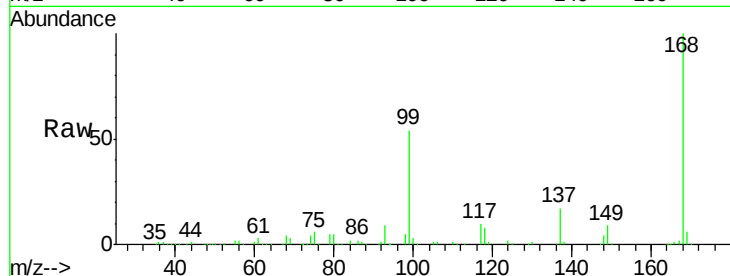
R1-R2-A2-(4.3)

Tot Ion:168 Resp: 191164

Ion Ratio Lower Upper

168 100

99 53.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

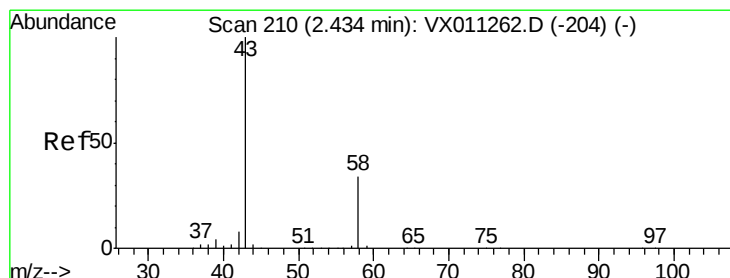
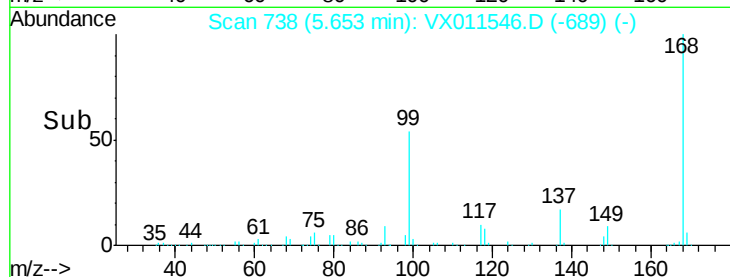
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.860 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011546.D

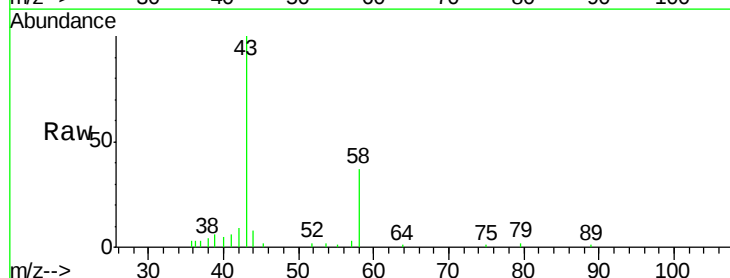
Acq: 13 Aug 2019 19:11

Tgt Ion: 43 Resp: 7202

Ion Ratio Lower Upper

43 100

58 36.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

3000

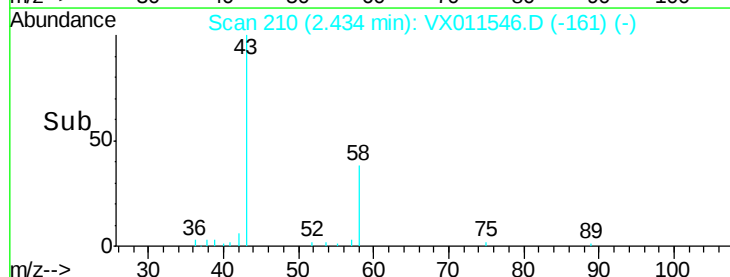
2000

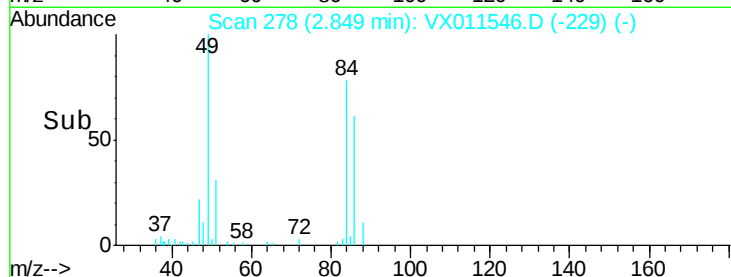
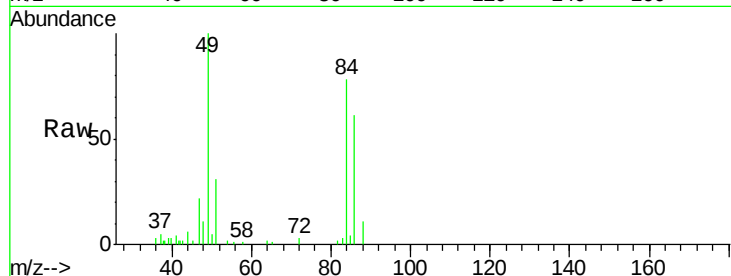
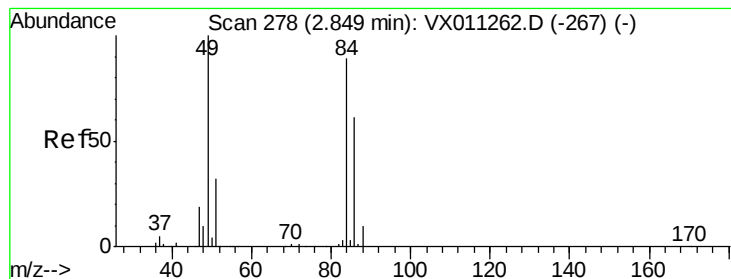
1000

0

Time-->

2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 3.416 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011546.D

Acq: 13 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-A2-(4.3)

Tot Ion: 84 Resp: 6855

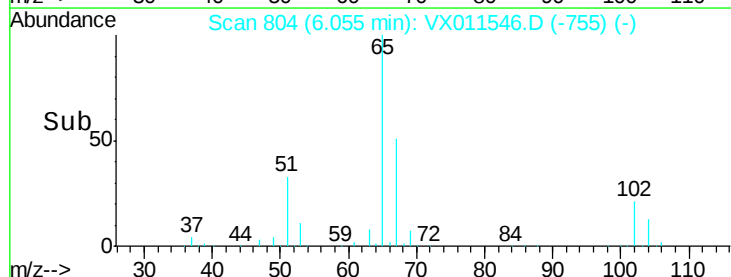
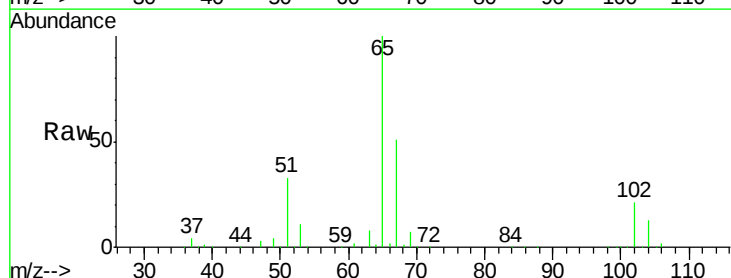
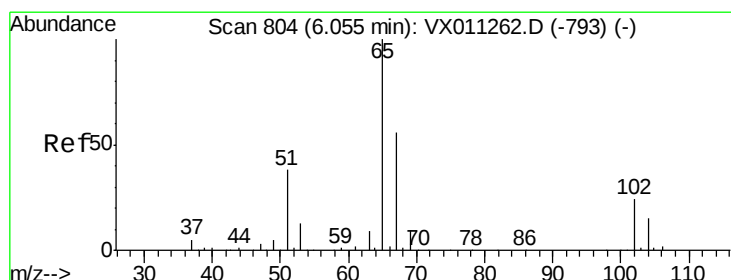
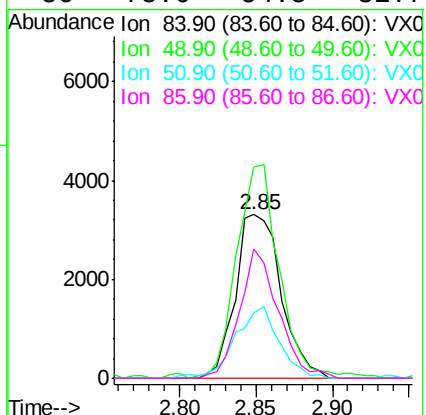
Ion Ratio Lower Upper

84 100

49 128.7 89.3 133.9

51 39.9 28.3 42.5

86 78.6 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 55.485 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011546.D

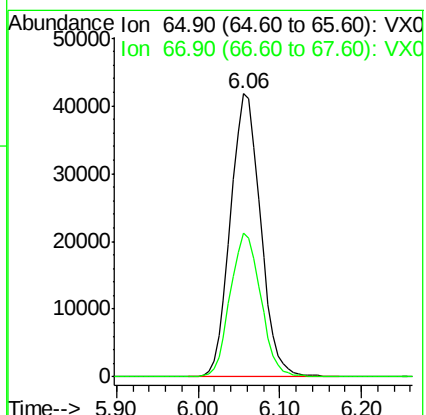
Acq: 13 Aug 2019 19:11

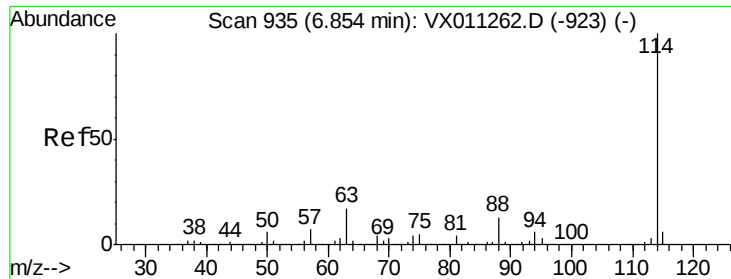
Tgt Ion: 65 Resp: 106816

Ion Ratio Lower Upper

65 100

67 51.3 0.0 110.6

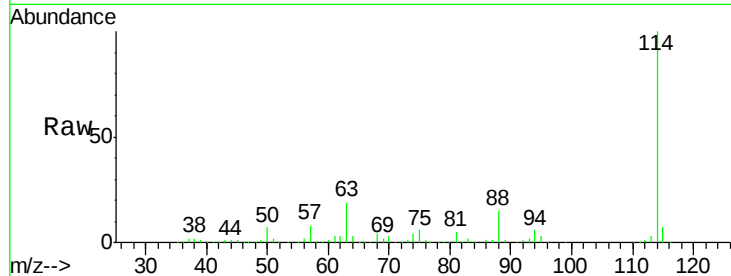




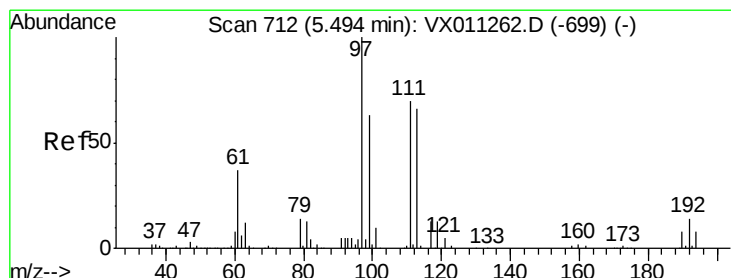
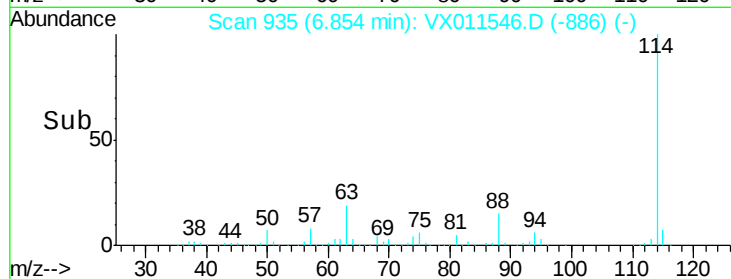
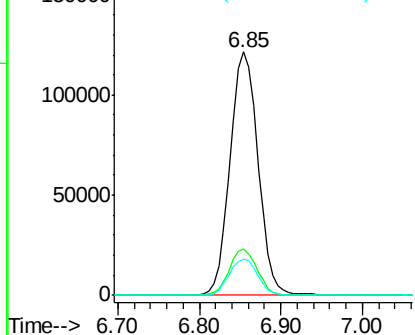
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011546.D
Acq: 13 Aug 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A2-(4.3)

Tot Ion:114 Resp: 287550
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.0
88 15.0 0.0 26.4

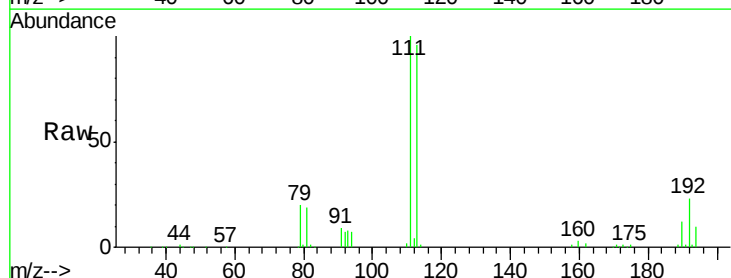


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

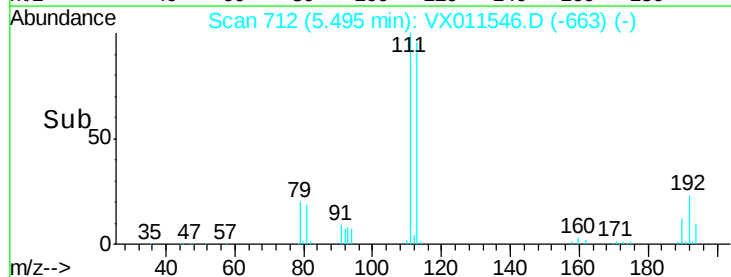
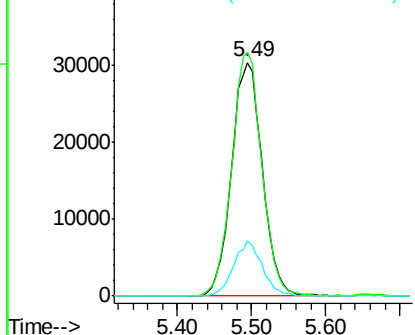


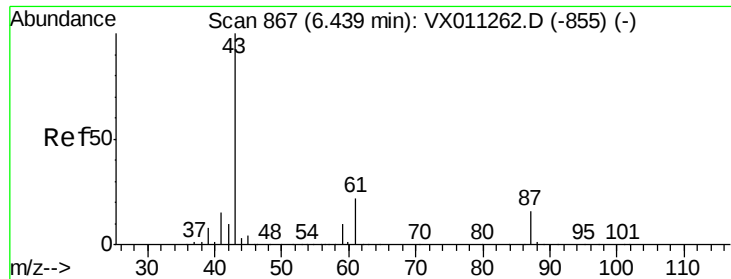
#35
Dibromofluoromethane
Concen: 46.936 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011546.D
Acq: 13 Aug 2019 19:11

Tgt Ion:113 Resp: 88116
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 21.8 17.8 26.8



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: 8.008 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011546.D

Acq: 13 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-A2-(4.3)

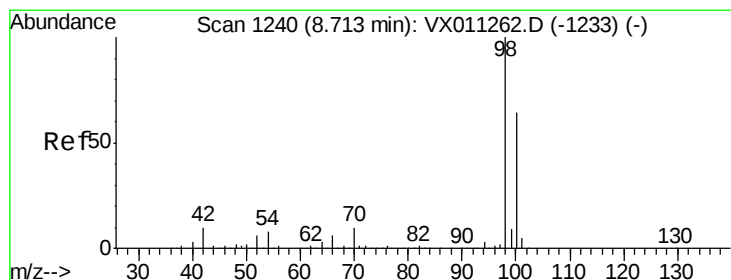
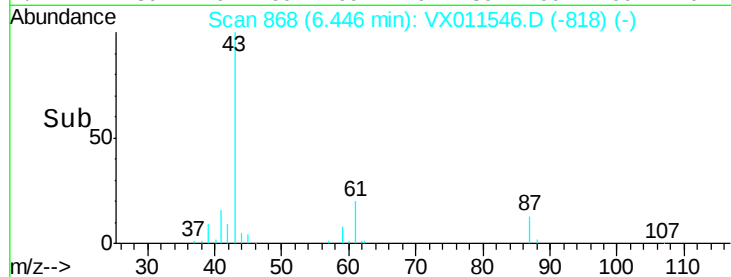
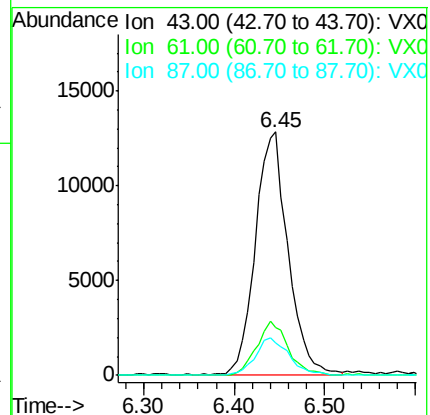
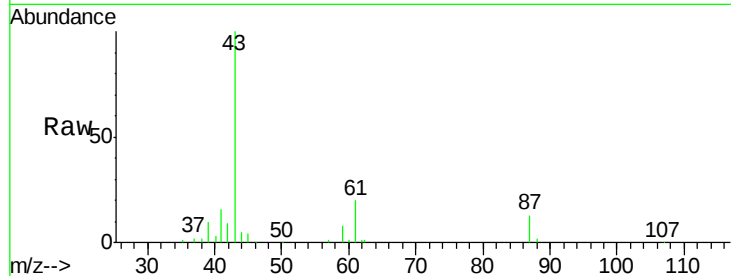
Tot Ion: 43 Resp: 32241

Ion Ratio Lower Upper

43 100

61 21.2 16.5 24.7

87 15.7 12.1 18.1



#50

Toluene-d8

Concen: 48.515 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011546.D

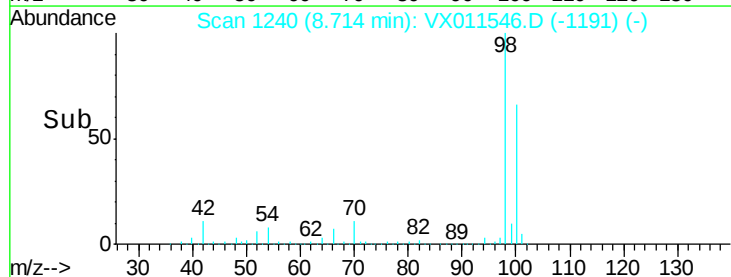
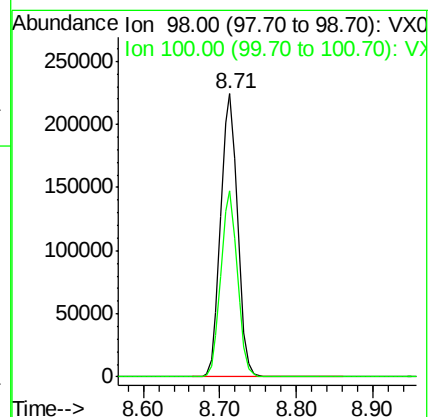
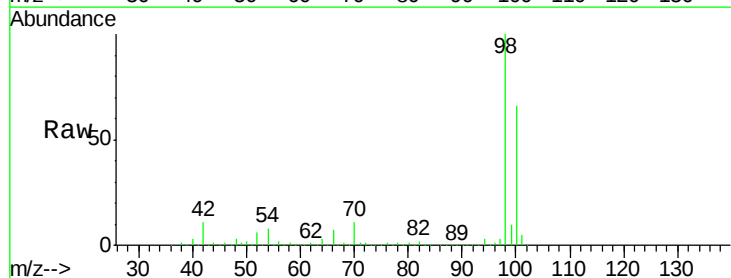
Acq: 13 Aug 2019 19:11

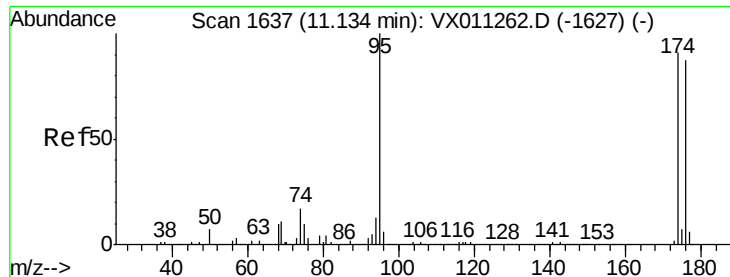
Tgt Ion: 98 Resp: 343800

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.410 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011546.D

Acq: 13 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-A2-(4.3)

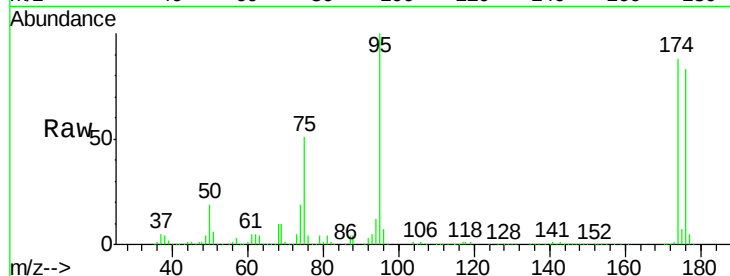
Tot Ion: 95 Resp: 117419

Ion Ratio Lower Upper

95 100

174 89.8 0.0 191.2

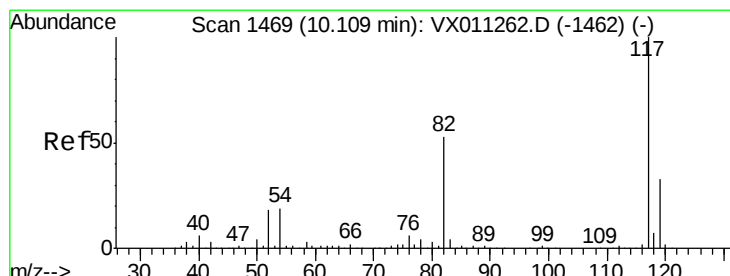
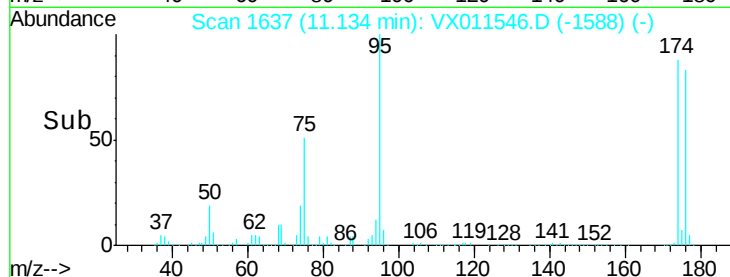
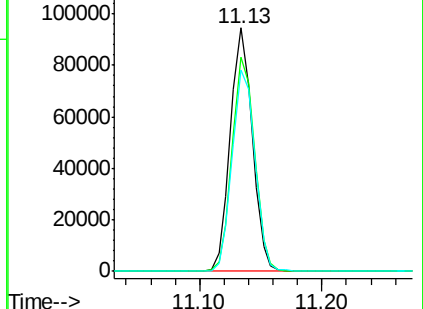
176 85.7 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011546.D

Acq: 13 Aug 2019 19:11

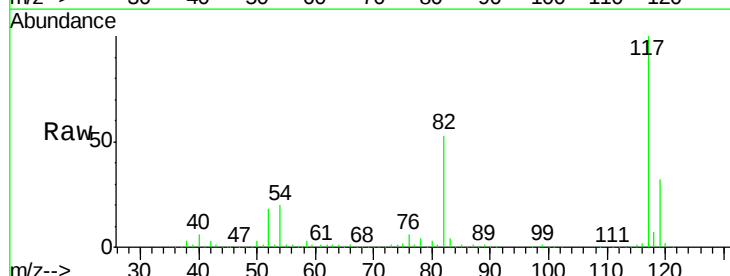
Tgt Ion: 117 Resp: 266595

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.2

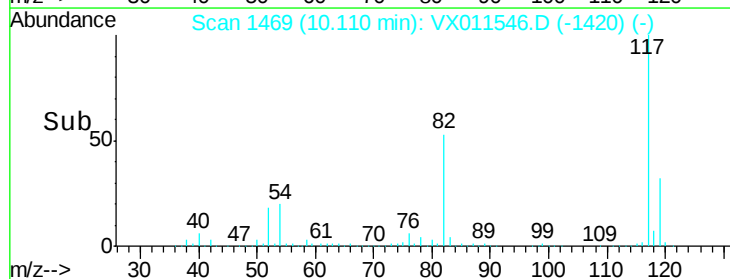
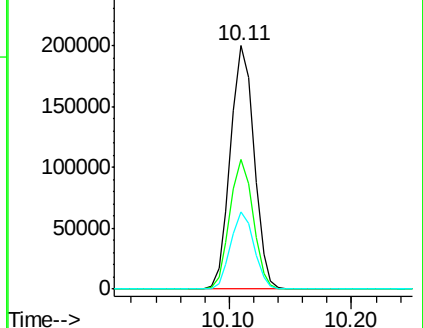
119 31.9 26.6 39.8

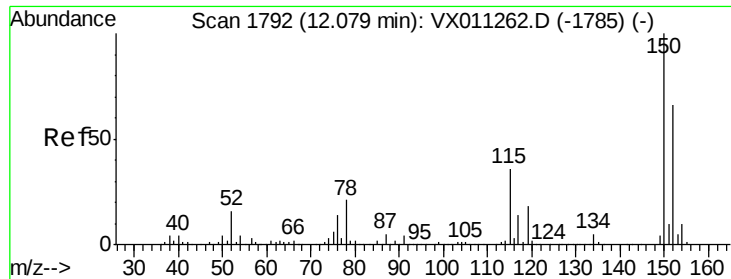


Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)

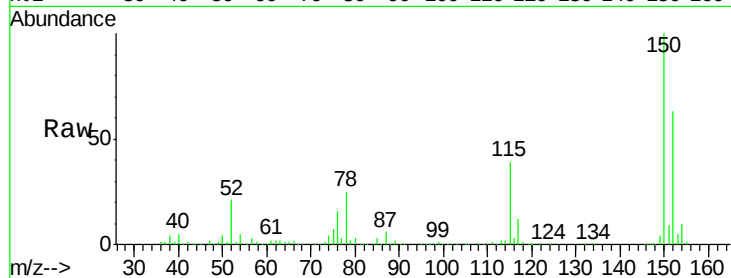




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011546.D
 Acq: 13 Aug 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-A2-(4.3)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	40.0	119.9
150	156.0	0.0	350.4



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

