

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011611.D
 Acq On : 17 Aug 2019 04:08
 Operator : JC/SP
 Sample : K4265-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A2-(3.4)

Quant Time: Aug 19 04:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

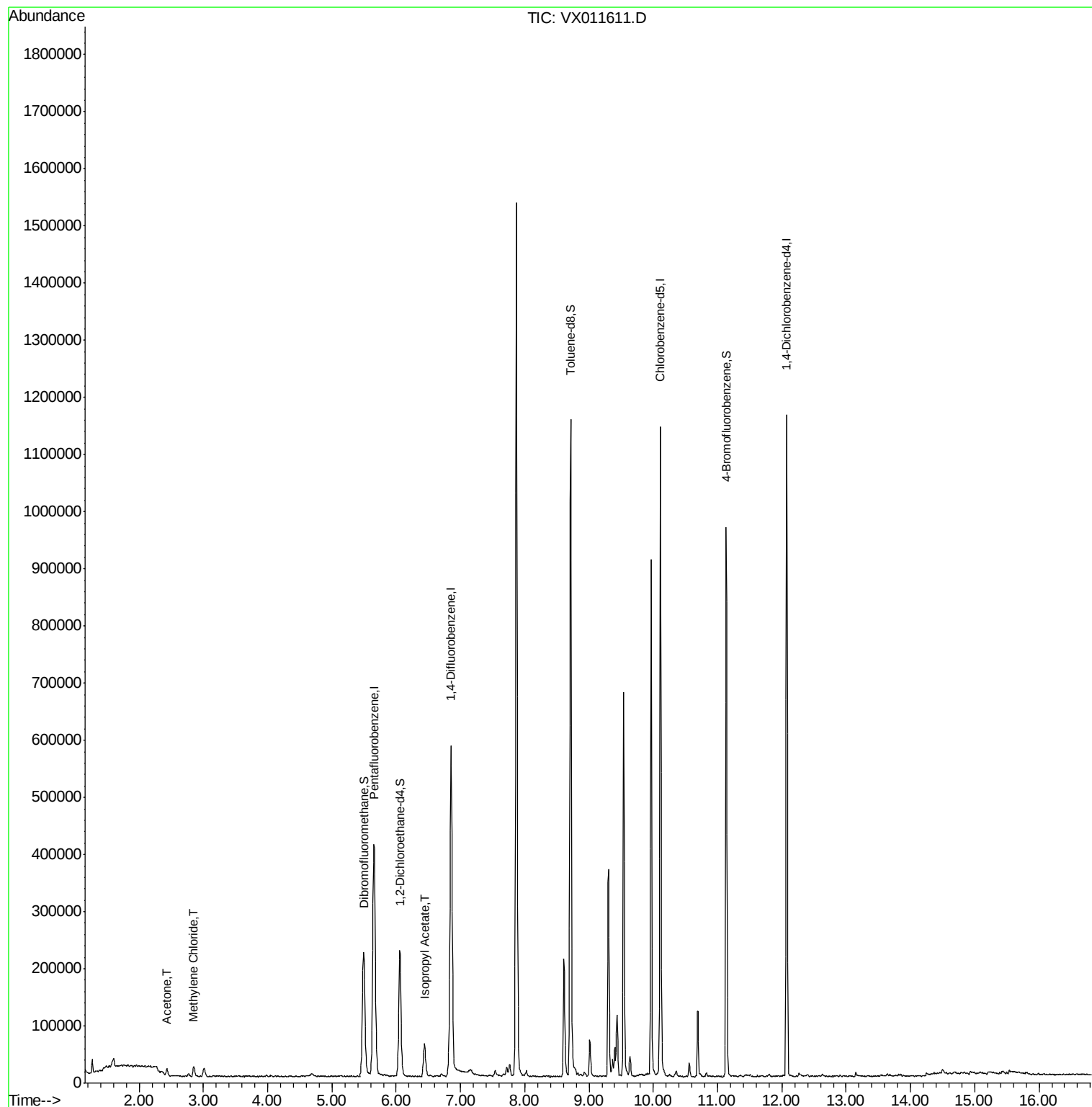
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	449143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	625397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	213312	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	5.49	113	182702	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
50) Toluene-d8	8.71	98	708794	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
62) 4-Bromofluorobenzene	11.13	95	245239	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
16) Acetone	2.43	43	12457	5.948	ug/l	99
20) Methylene Chloride	2.85	84	8838	2.010	ug/l	99
43) Isopropyl Acetate	6.44	43	77266	8.050	ug/l	99

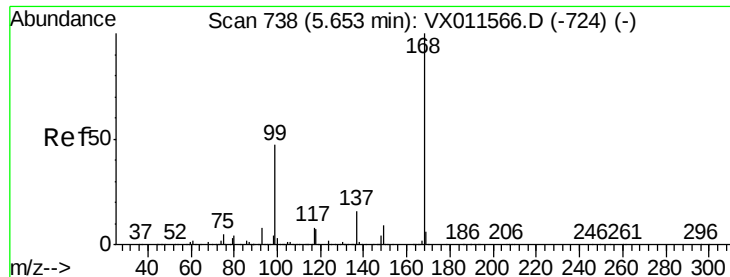
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011611.D

Acq: 17 Aug 2019 04:08

Instrument :

MSVOA_X

ClientSampleId :

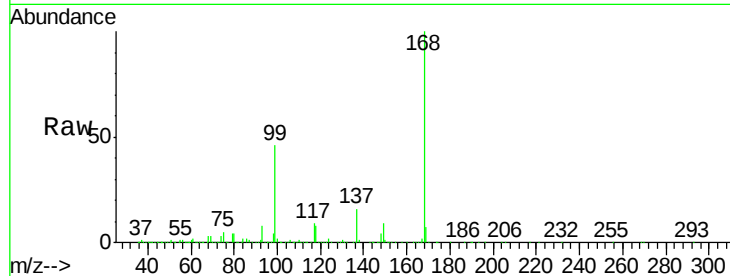
REACTOR-4-A2-(3.4)

Tot Ion:168 Resp: 449143

Ion Ratio Lower Upper

168 100

99 46.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

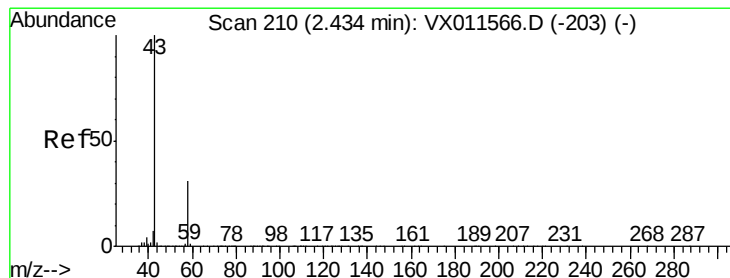
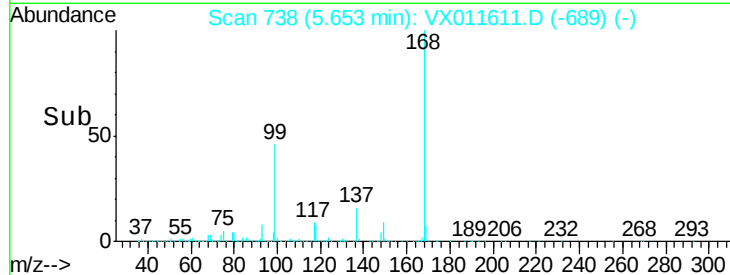
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.948 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011611.D

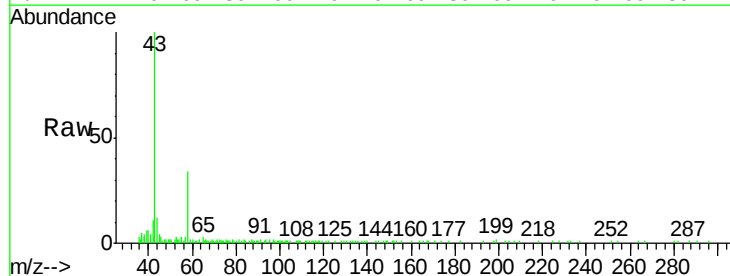
Acq: 17 Aug 2019 04:08

Tgt Ion: 43 Resp: 12457

Ion Ratio Lower Upper

43 100

58 31.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

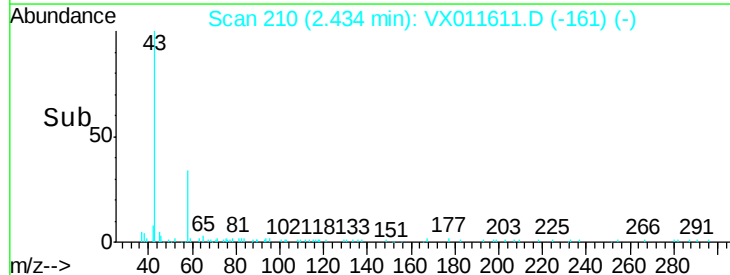
6000

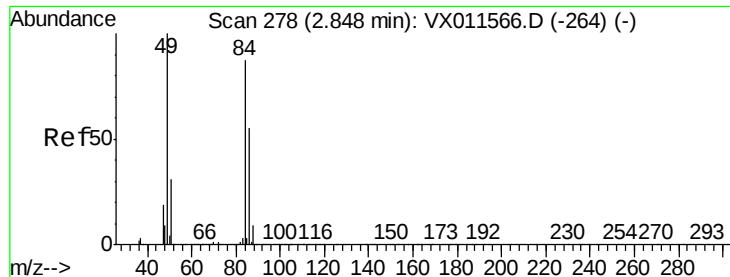
4000

2000

0

Time-->

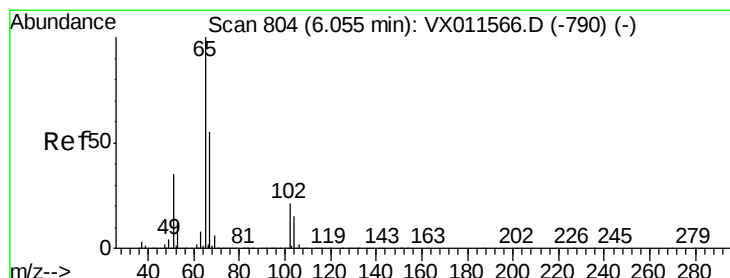
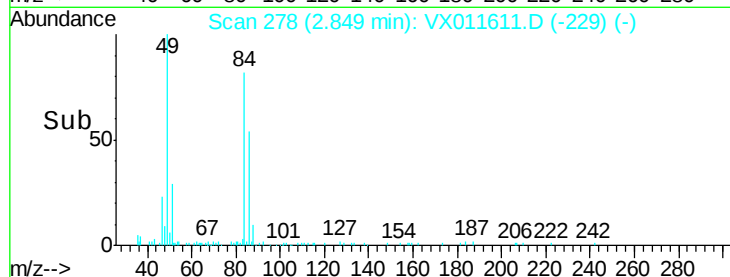
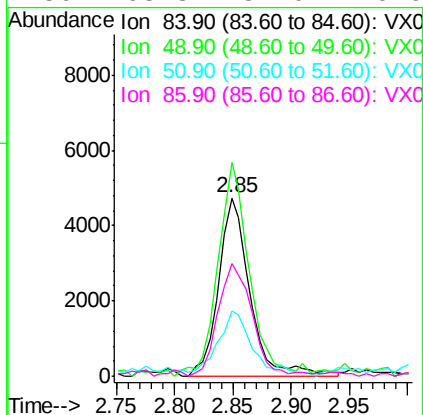
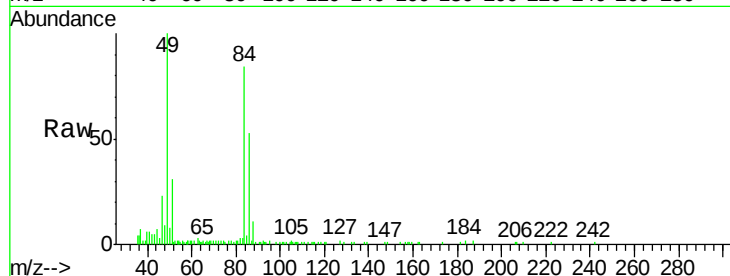




#20
Methvlene Chloride
Concen: 2.010 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011611.D
Acq: 17 Aug 2019 04:08

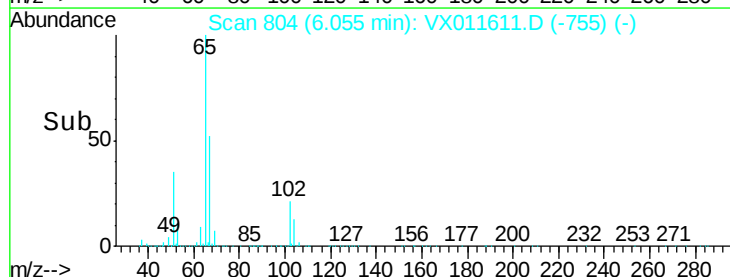
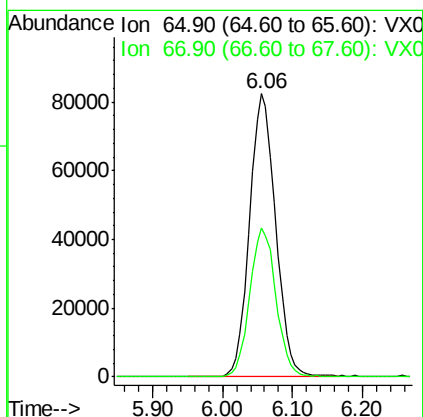
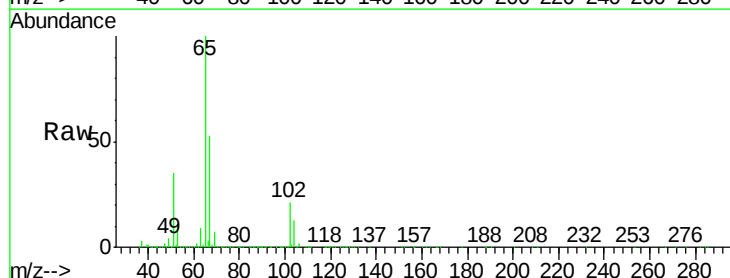
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A2-(3.4)

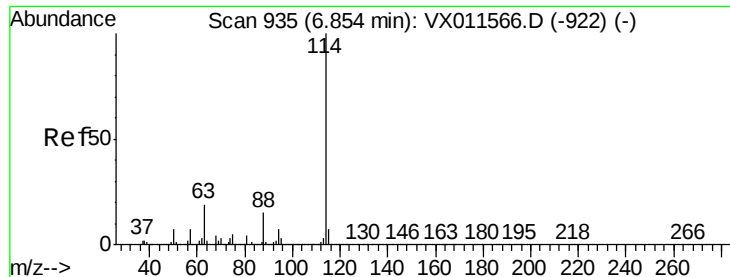
Tot Ion:	84	Resp:	8838
Ion	Ratio	Lower	Upper
84	100		
49	114.8	92.4	138.6
51	34.3	28.5	42.7
86	63.3	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 51.213 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011611.D
Acq: 17 Aug 2019 04:08

Tgt Ion:	65	Resp:	213312
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011611.D

Acq: 17 Aug 2019 04:08

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A2-(3.4)

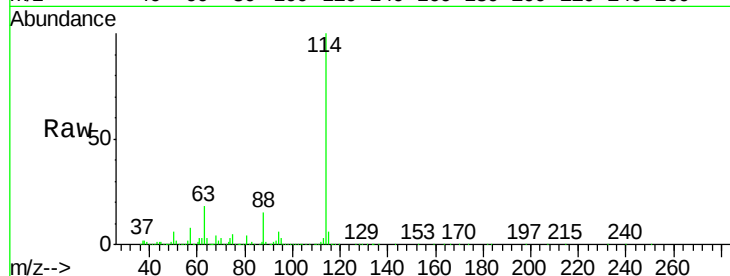
Tot Ion:114 Resp: 625397

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.8

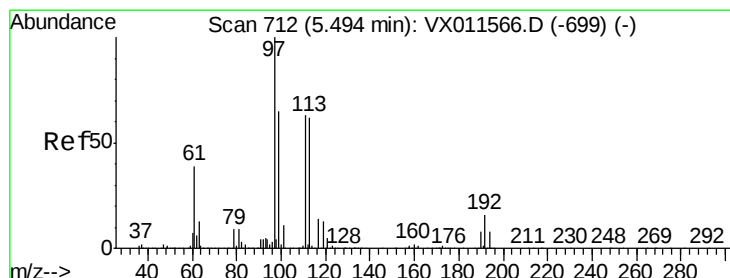
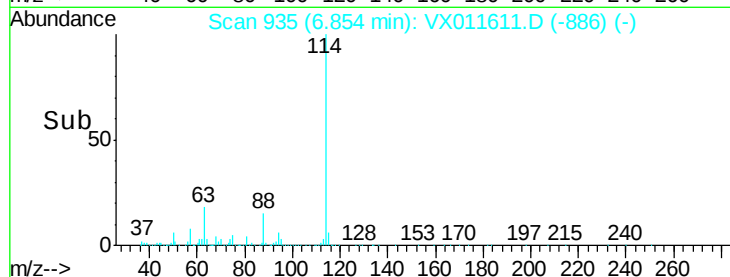
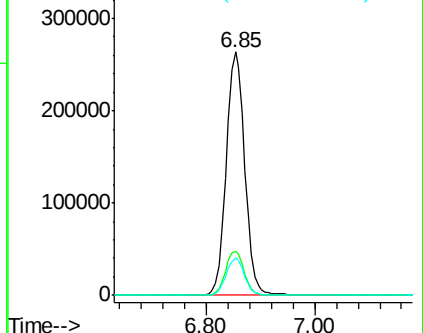
88 15.2 0.0 30.2



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: 44.665 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011611.D

Acq: 17 Aug 2019 04:08

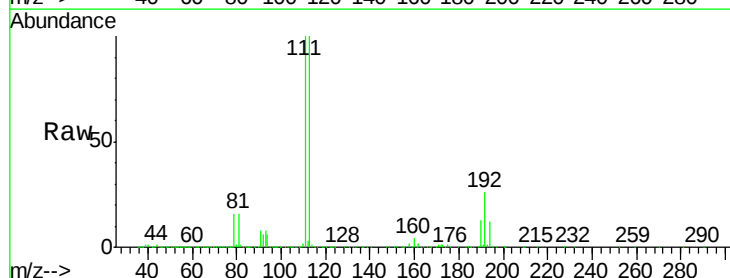
Tgt Ion:113 Resp: 182702

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

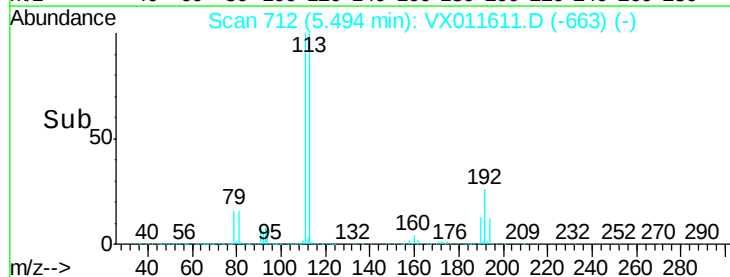
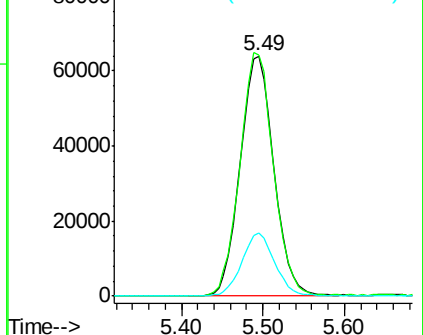
192 25.7 20.8 31.2

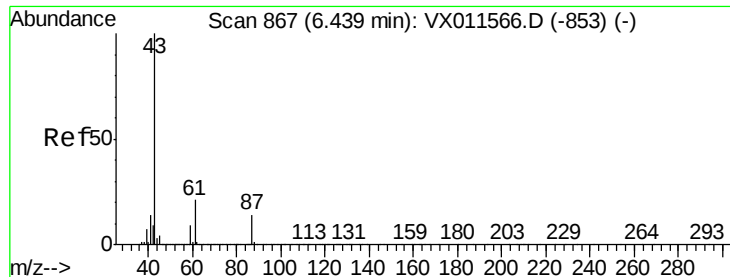


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.050 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011611.D

Acq: 17 Aug 2019 04:08

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A2-(3.4)

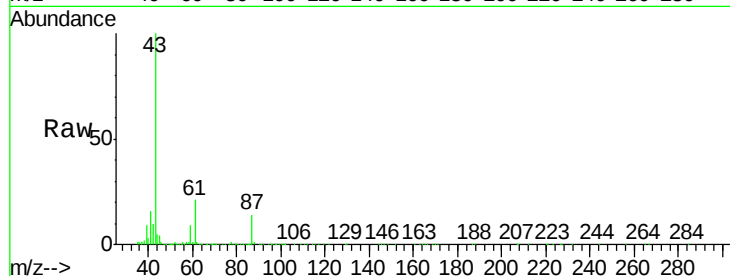
Tot Ion: 43 Resp: 77266

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

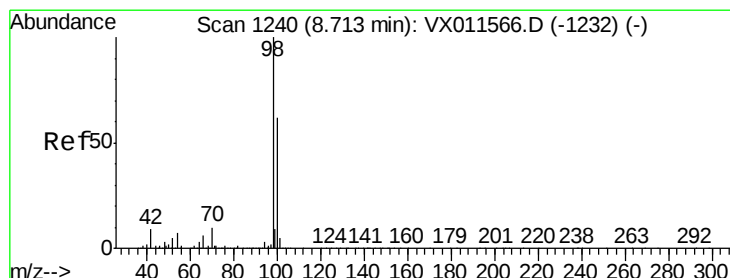
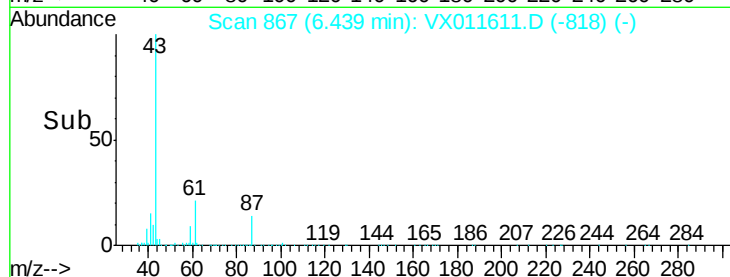
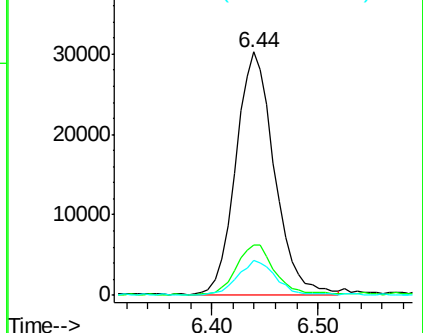
87 14.3 11.4 17.2



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: 55.611 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011611.D

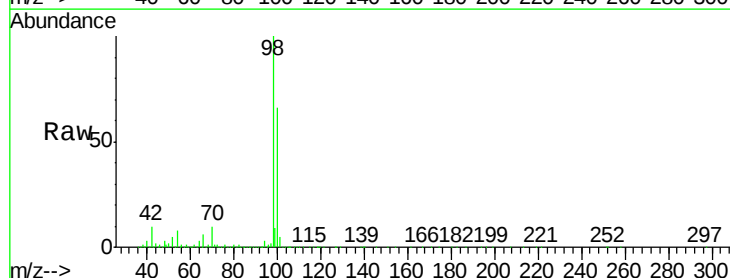
Acq: 17 Aug 2019 04:08

Tgt Ion: 98 Resp: 708794

Ion Ratio Lower Upper

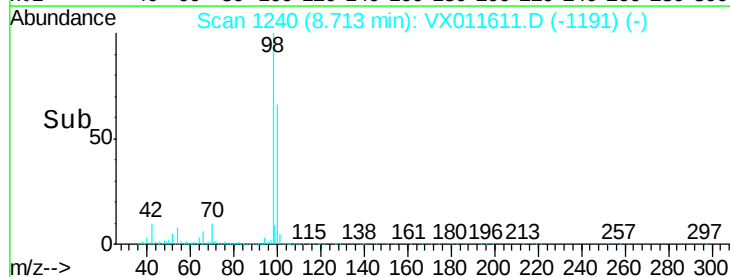
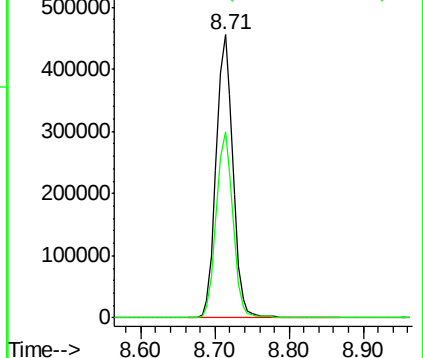
98 100

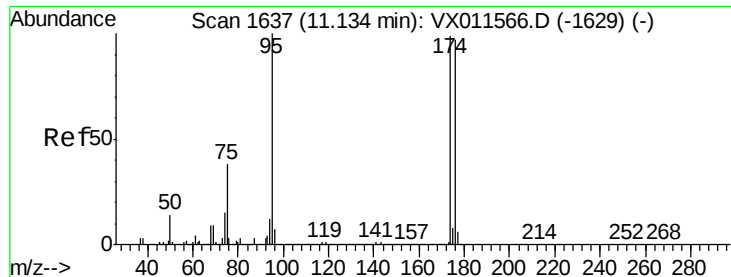
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.586 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011611.D

Acq: 17 Aug 2019 04:08

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A2-(3.4)

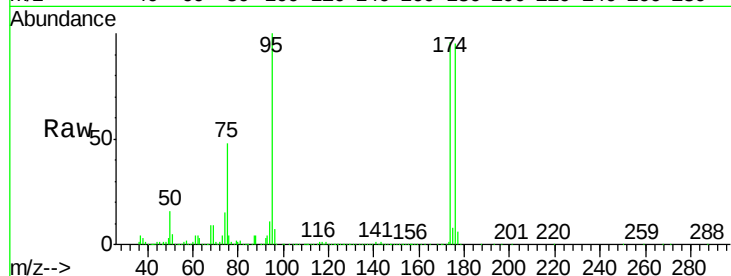
Tot Ion: 95 Resp: 245239

Ion Ratio Lower Upper

95 100

174 100.3 0.0 200.6

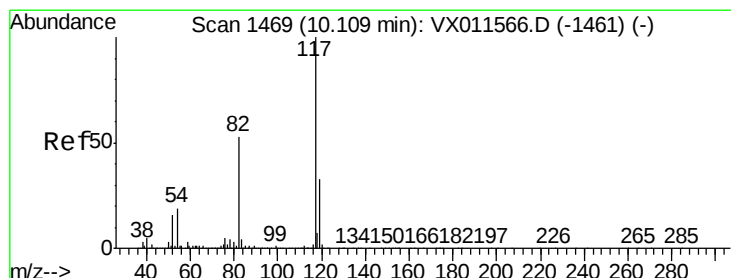
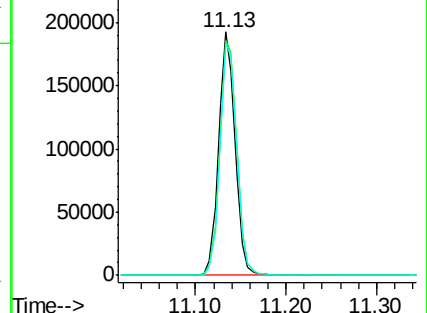
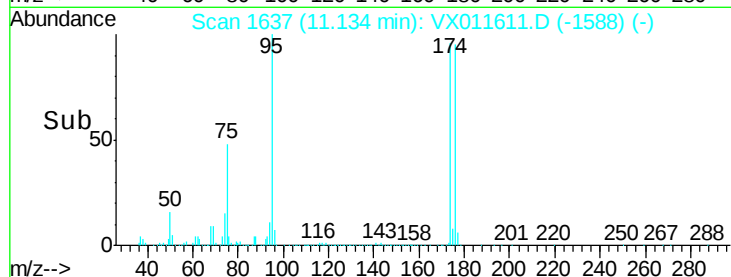
176 98.0 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX011611.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011611.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011611.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011611.D

Acq: 17 Aug 2019 04:08

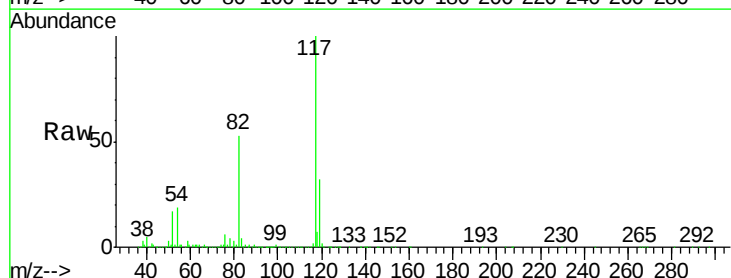
Tgt Ion: 117 Resp: 545896

Ion Ratio Lower Upper

117 100

82 53.4 42.0 63.0

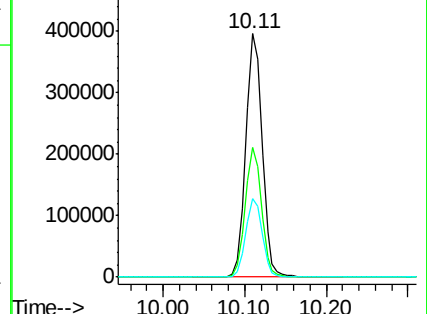
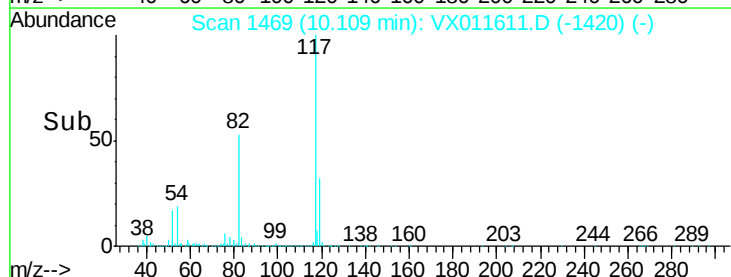
119 32.4 26.5 39.7

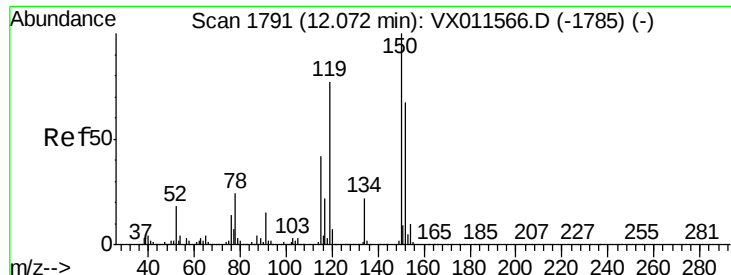


Abundance Ion 116.90 (116.60 to 117.60): VX011611.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011611.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011611.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011611.D

Acq: 17 Aug 2019 04:08

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A2-(3.4)

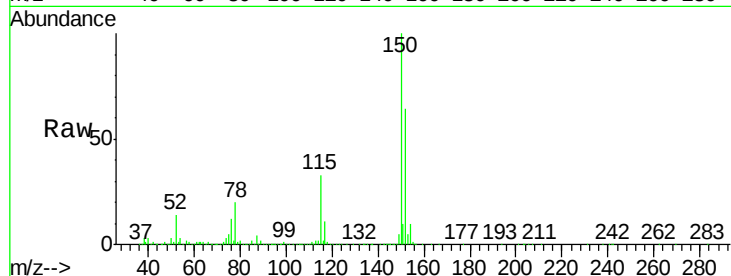
Tot Ion:152 Resp: 267437

Ion Ratio Lower Upper

152 100

115 53.4 37.3 111.9

150 156.1 0.0 346.2



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

