

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011613.D
 Acq On : 17 Aug 2019 04:55
 Operator : JC/SP
 Sample : K4265-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A4-(3.4)

Quant Time: Aug 19 04:48:49 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

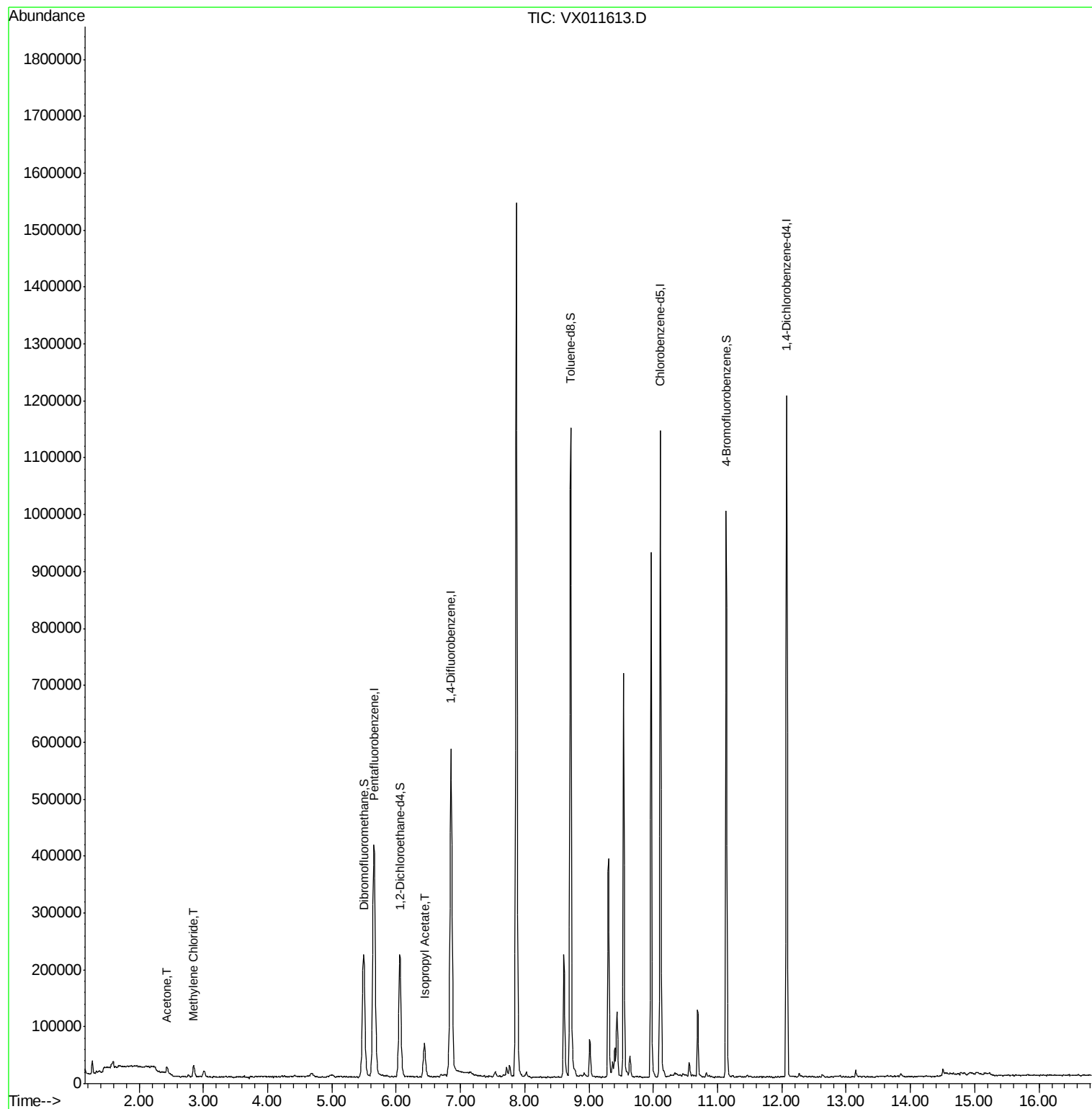
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	557039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	208400	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
35) Dibromofluoromethane	5.49	113	182008	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
50) Toluene-d8	8.71	98	702069	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.22%	
62) 4-Bromofluorobenzene	11.13	95	250873	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
Target Compounds						
16) Acetone	2.43	43	10663	5.125	ug/l	99
20) Methylene Chloride	2.85	84	10171	2.328	ug/l	94
43) Isopropyl Acetate	6.44	43	81053	8.602	ug/l	99

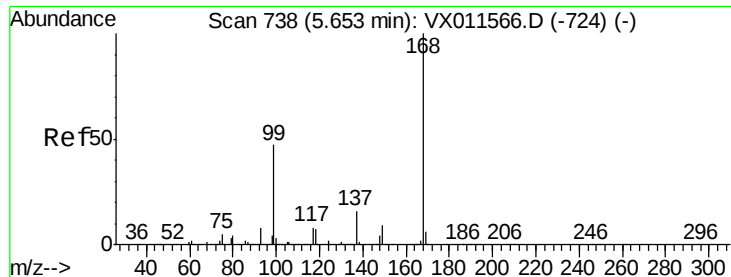
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081619\
Data File : VX011613.D
Acq On : 17 Aug 2019 04:55
Operator : JC/SP
Sample : K4265-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Quant Time: Aug 19 04:48:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 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: VX011613.D

Acq: 17 Aug 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

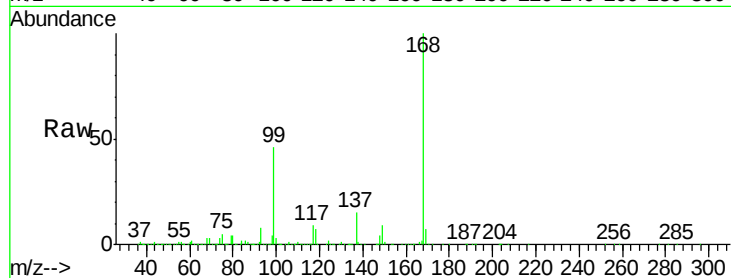
REACTOR-4-A4-(3.4)

Tot Ion:168 Resp: 446222

Ion Ratio Lower Upper

168 100

99 46.3 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

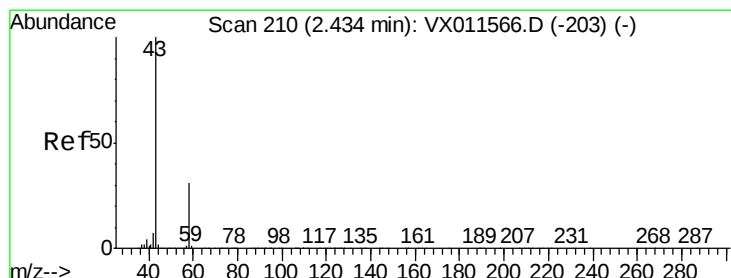
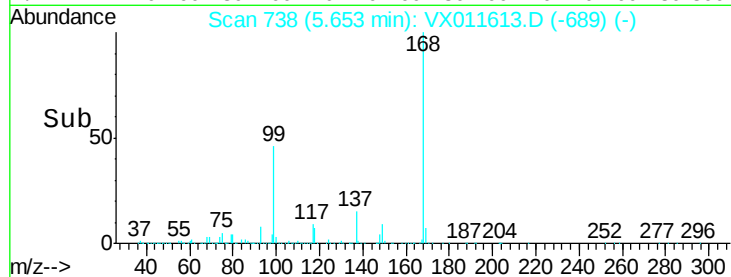
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.125 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011613.D

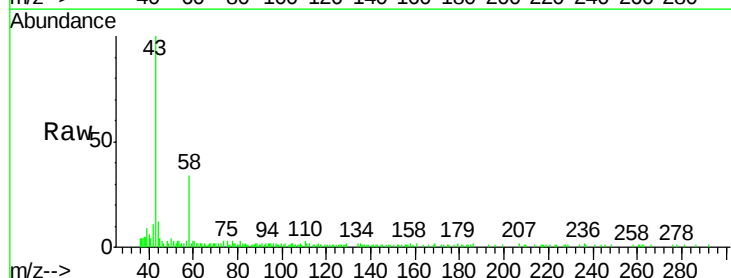
Acq: 17 Aug 2019 04:55

Tgt Ion: 43 Resp: 10663

Ion Ratio Lower Upper

43 100

58 32.1 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

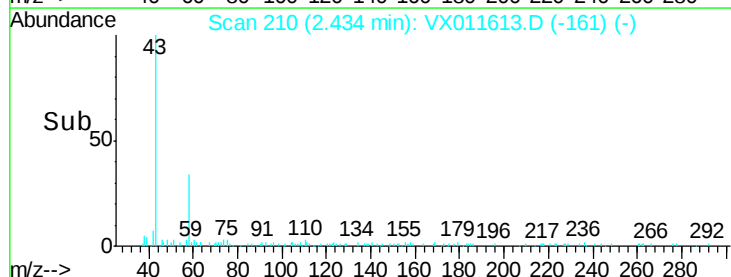
6000

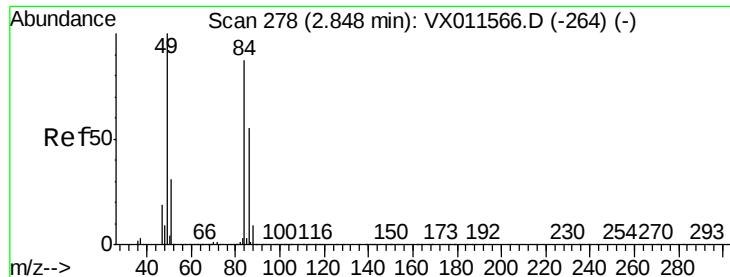
4000

2000

0

Time-->

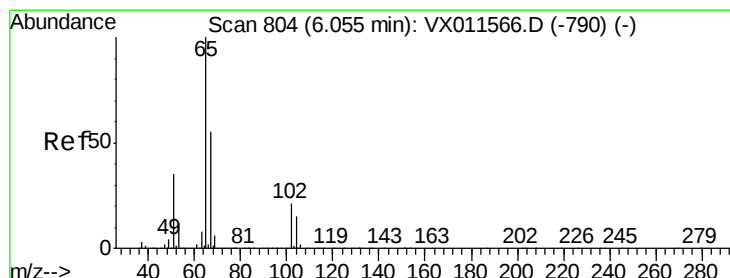
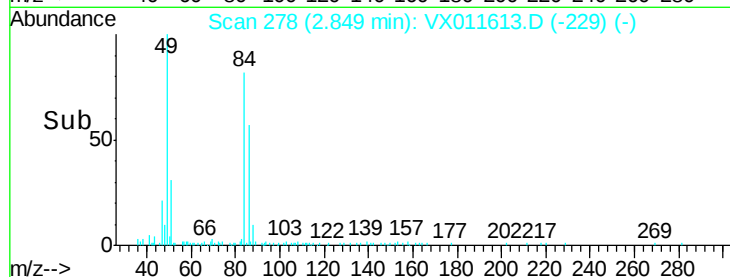
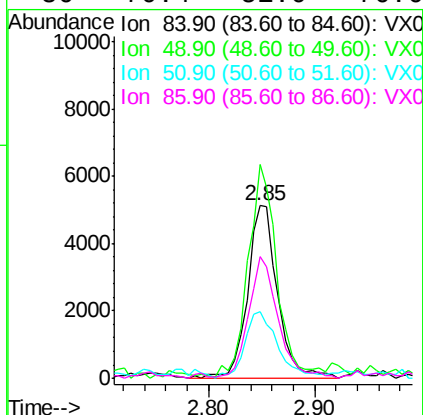
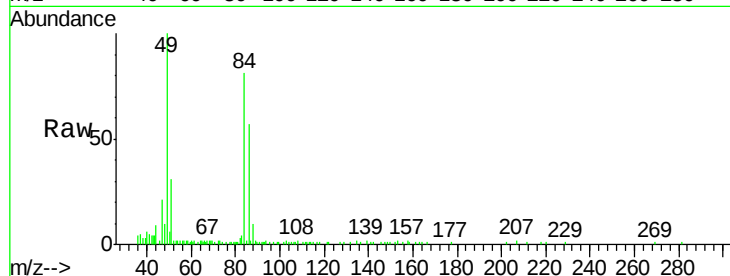




#20
Methvlene Chloride
Concen: 2.328 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

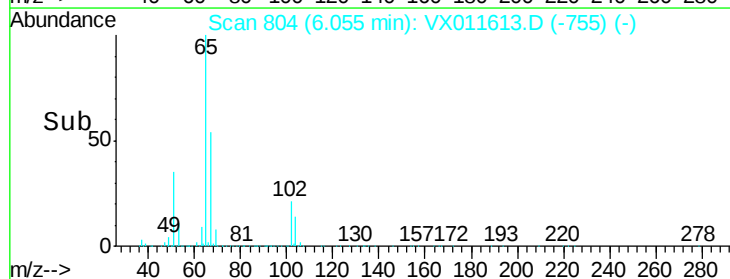
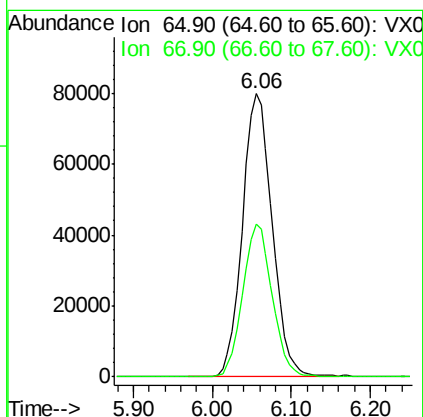
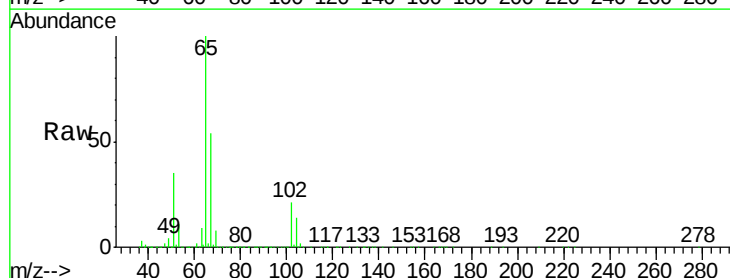
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

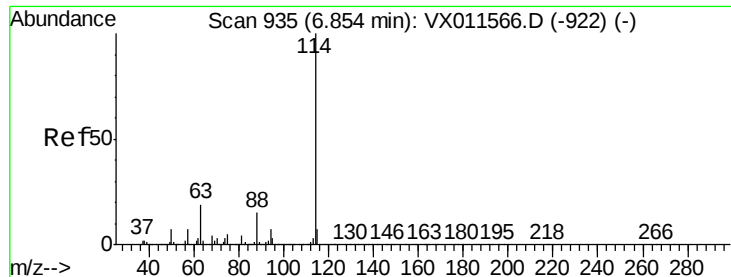
Tot Ion:	84	Resp:	10171
Ion	Ratio	Lower	Upper
84	100		
49	121.6	92.4	138.6
51	37.0	28.5	42.7
86	70.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 50.361 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion:	65	Resp:	208400
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VX011613.D

Acq: 17 Aug 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A4-(3.4)

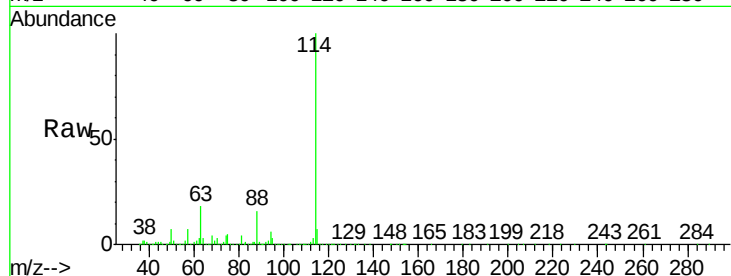
Tot Ion:114 Resp: 613935

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.8

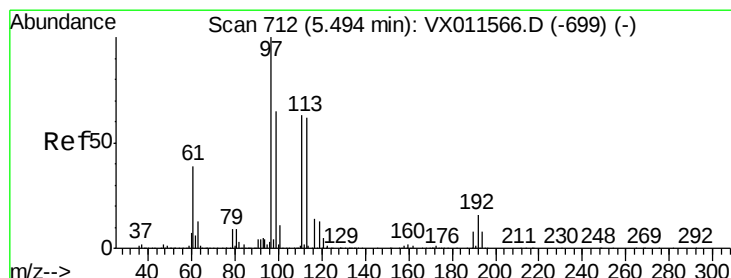
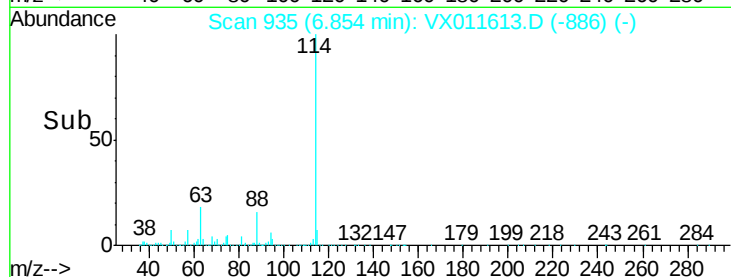
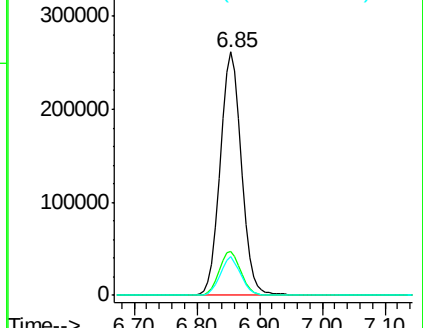
88 15.8 0.0 30.2



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: 45.326 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011613.D

Acq: 17 Aug 2019 04:55

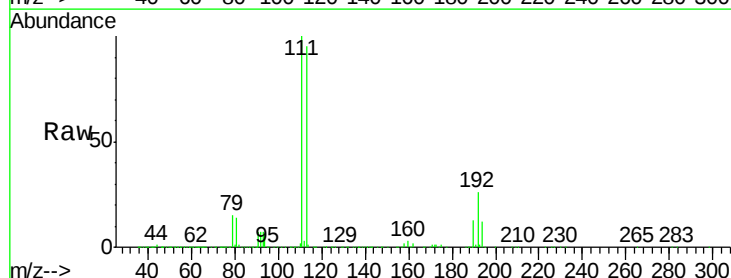
Tgt Ion:113 Resp: 182008

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

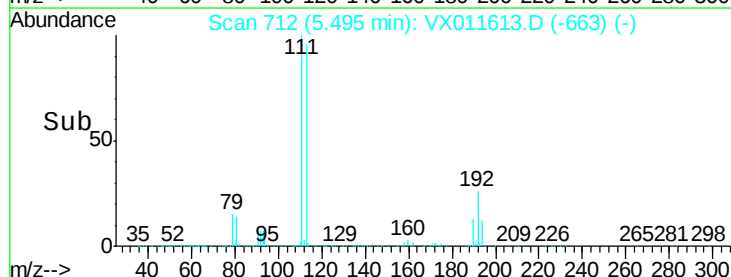
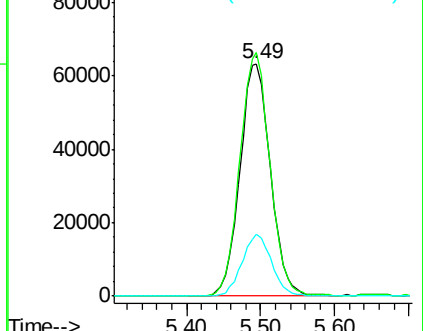
192 25.9 20.8 31.2

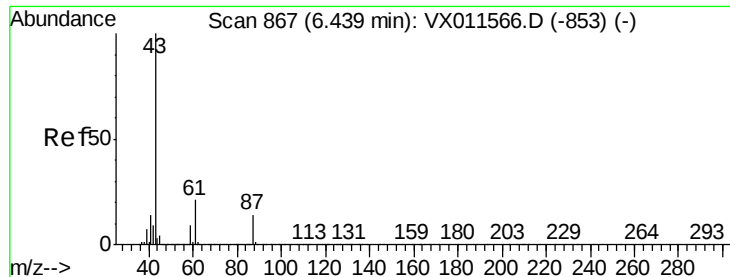


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



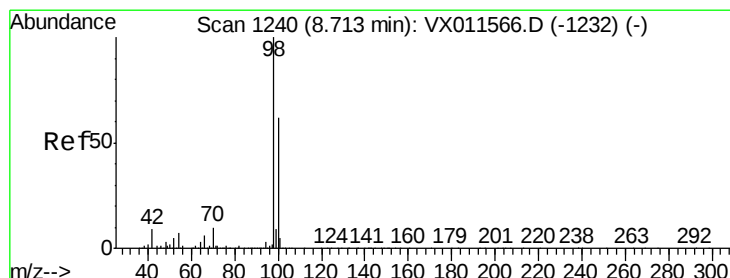
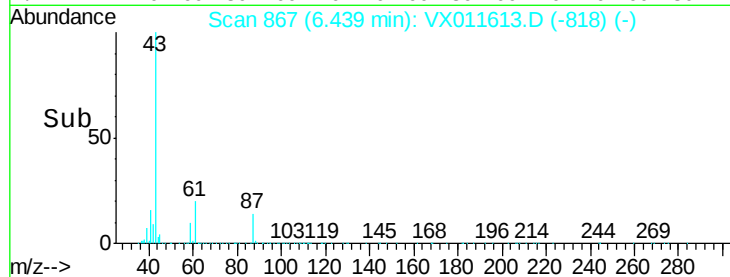
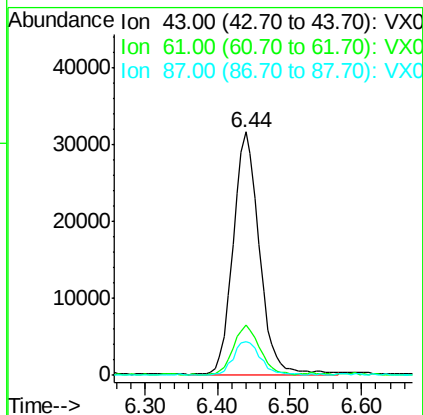
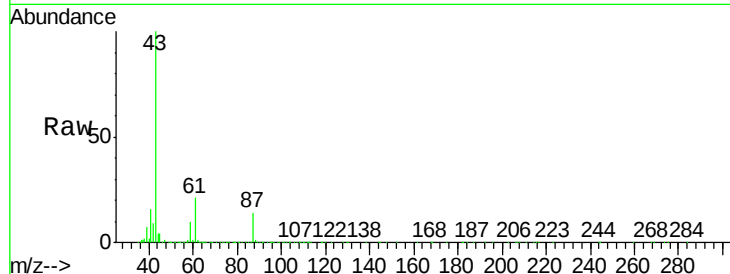


#43

Isopropyl Acetate
 Concen: 8.602 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011613.D
 Acq: 17 Aug 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A4-(3.4)

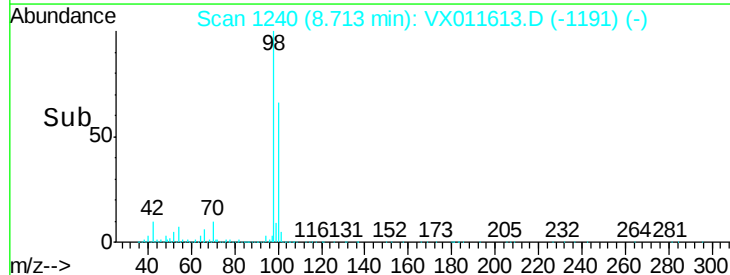
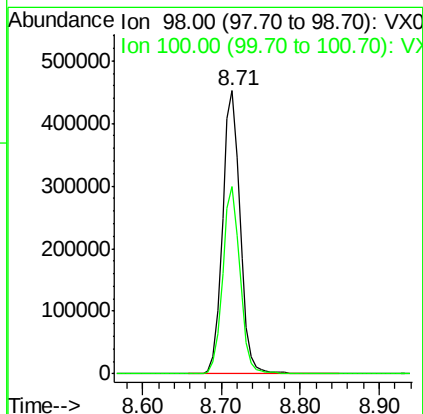
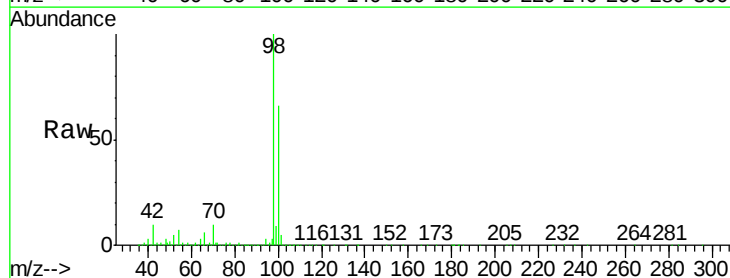
Tot Ion	43	Resp	81053
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.6	24.8
87	14.4	11.4	17.2

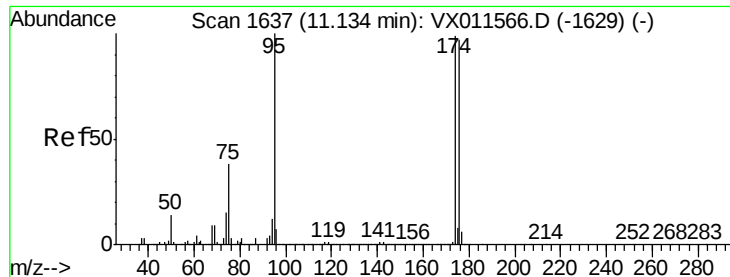


#50

Toluene-d8
 Concen: 56.112 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011613.D
 Acq: 17 Aug 2019 04:55

Tgt Ion	98	Resp	702069
Ion Ratio	Lower	Upper	
98	100		
100	64.8	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 47.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011613.D

Acq: 17 Aug 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A4-(3.4)

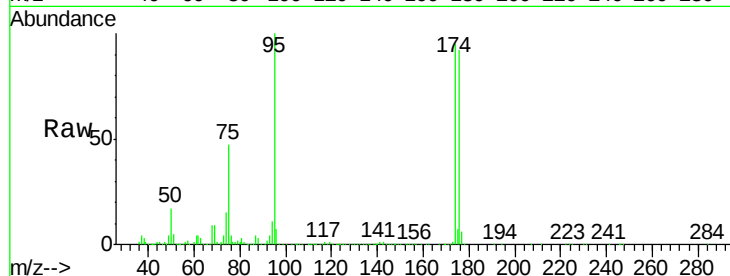
Tot Ion: 95 Resp: 250873

Ion Ratio Lower Upper

95 100

174 99.2 0.0 200.6

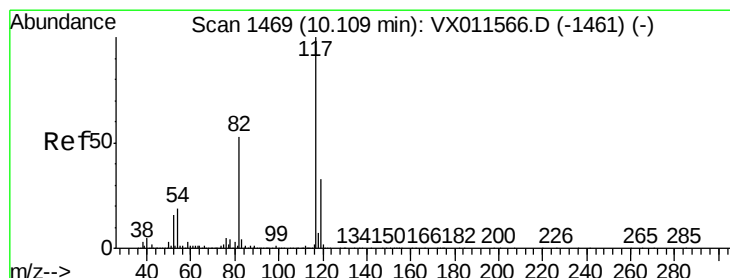
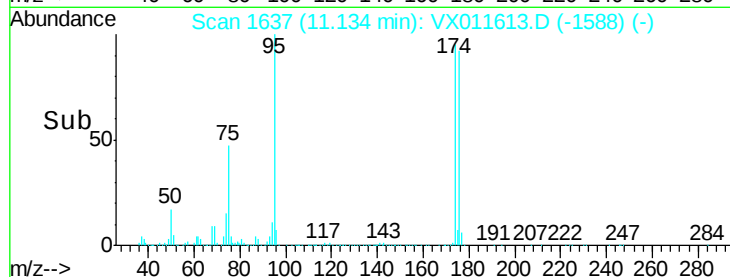
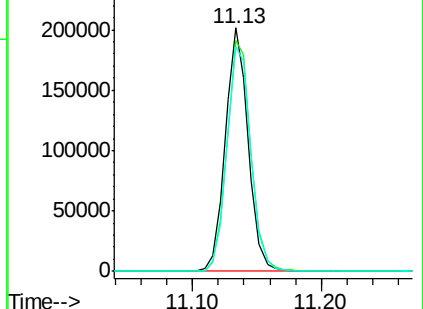
176 97.2 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011566.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011566.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011613.D

Acq: 17 Aug 2019 04:55

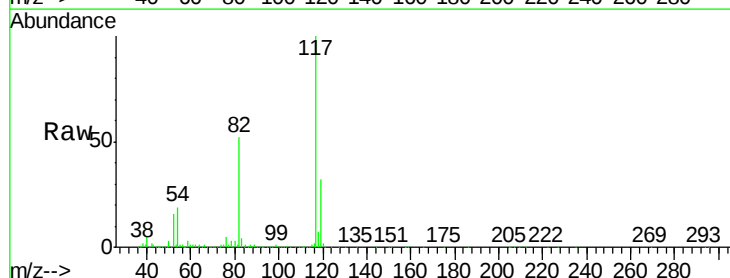
Tgt Ion: 117 Resp: 557039

Ion Ratio Lower Upper

117 100

82 51.5 42.0 63.0

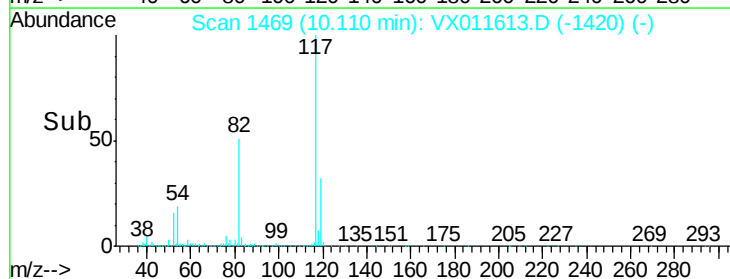
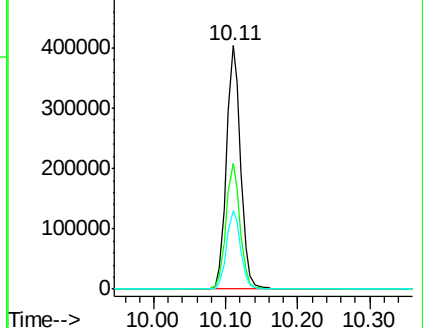
119 32.1 26.5 39.7

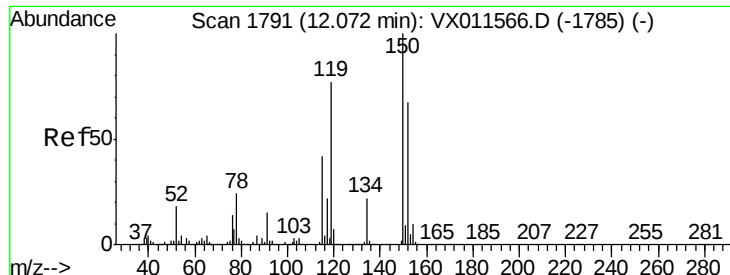


Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011566.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011566.D (-1461) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011613.D

Acq: 17 Aug 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A4-(3.4)

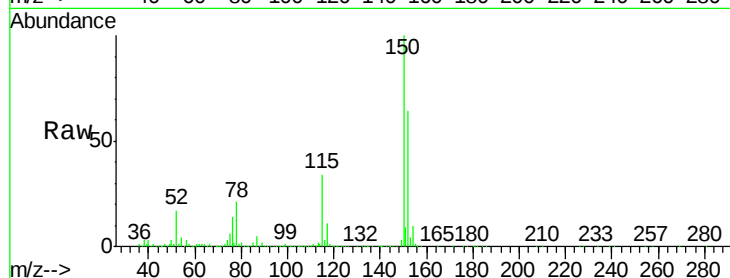
Tot Ion:152 Resp: 275927

Ion Ratio Lower Upper

152 100

115 52.9 37.3 111.9

150 157.0 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

