

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011605.D
 Acq On : 17 Aug 2019 01:47
 Operator : JC/SP
 Sample : K4265-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Aug 19 04:14:33 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

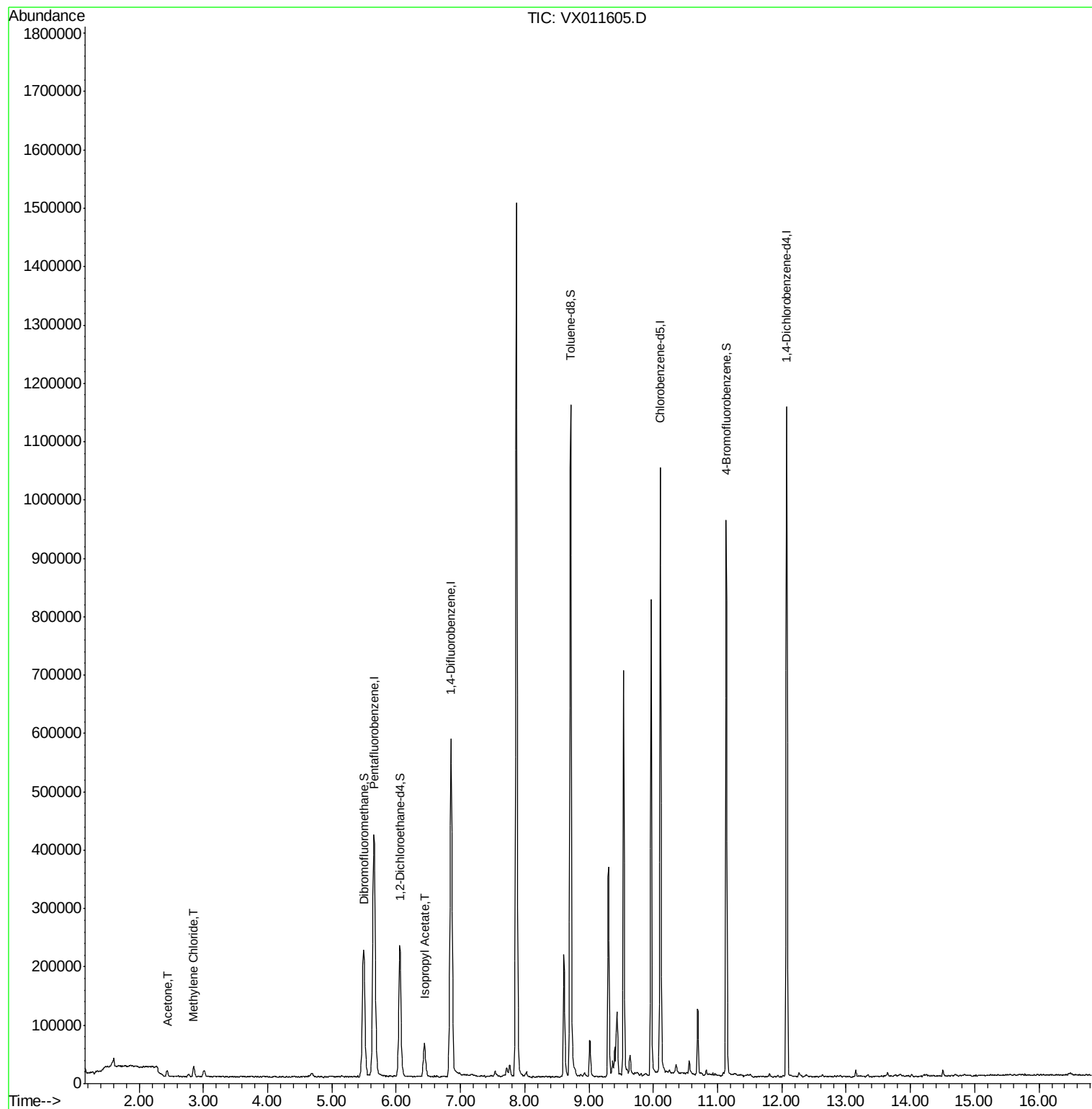
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	622630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	478401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214187	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	5.49	113	185607	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
50) Toluene-d8	8.71	98	712821	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
62) 4-Bromofluorobenzene	11.13	95	242995	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
16) Acetone	2.43	43	11815	5.531	ug/l	99
20) Methylene Chloride	2.85	84	8671	1.933	ug/l #	94
43) Isopropyl Acetate	6.44	43	78980	8.265	ug/l	100

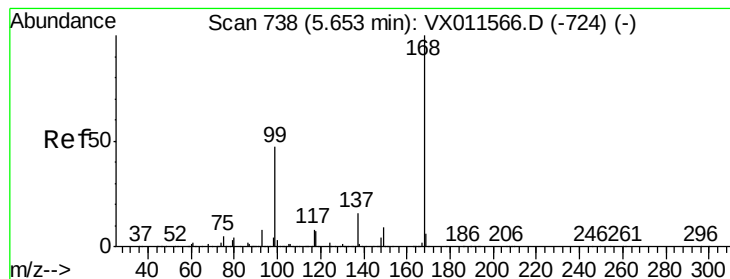
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX011605.D

Acq: 17 Aug 2019 01:47

Instrument :

MSVOA_X

ClientSampleId :

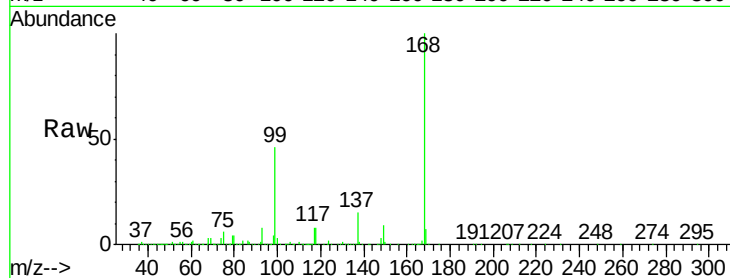
REACTOR-4-B-(3.4)

Tot Ion:168 Resp: 458069

Ion Ratio Lower Upper

168 100

99 46.0 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

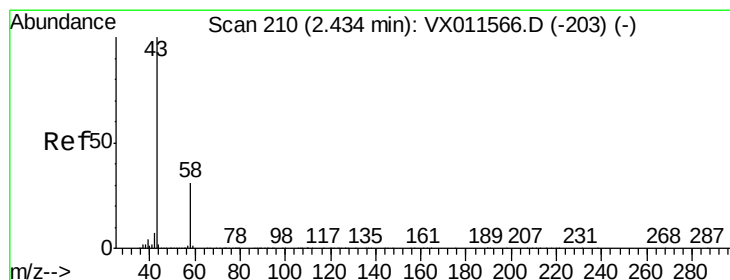
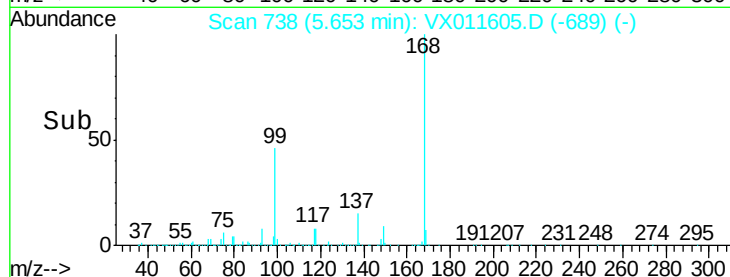
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.531 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011605.D

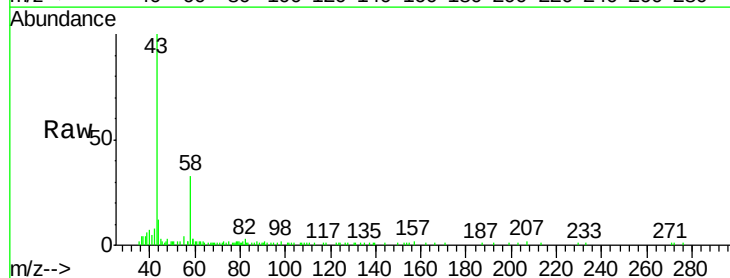
Acq: 17 Aug 2019 01:47

Tgt Ion: 43 Resp: 11815

Ion Ratio Lower Upper

43 100

58 31.9 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

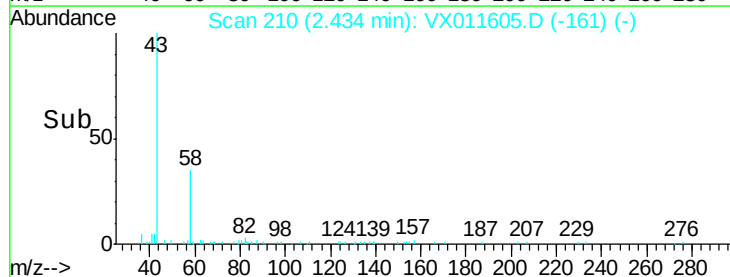
6000

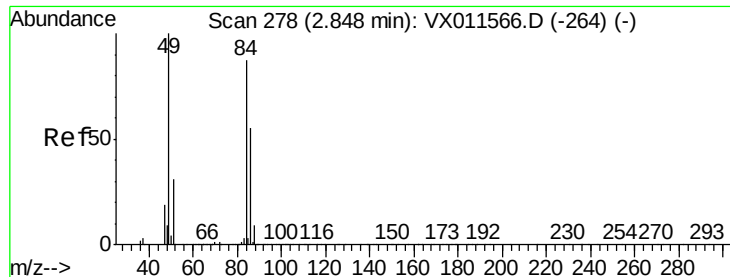
4000

2000

0

Time-->

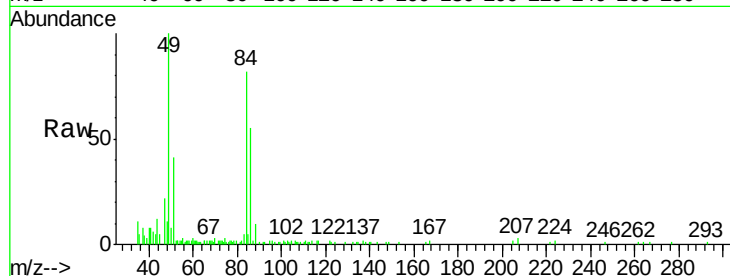




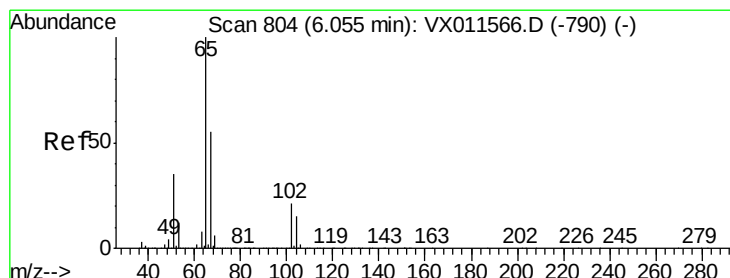
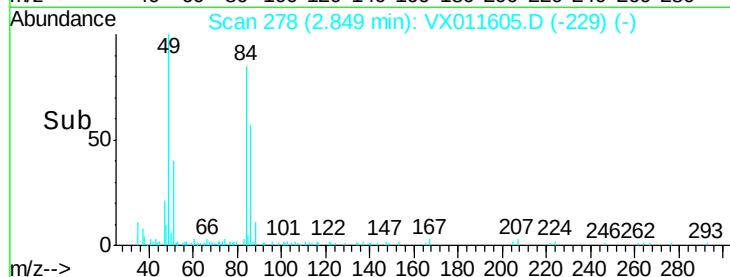
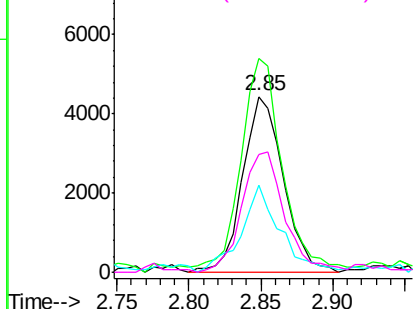
#20
Methylene Chloride
Concen: 1.933 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011605.D
Acq: 17 Aug 2019 01:47

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

Tot Ion:	84	Resp:	8671
Ion	Ratio	Lower	Upper
84	100		
49	119.2	92.4	138.6
51	47.6	28.5	42.7#
86	65.3	51.0	76.6

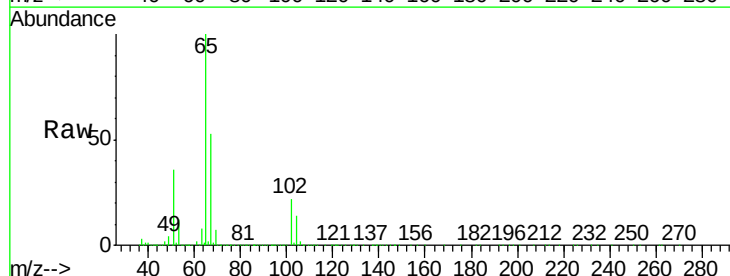


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

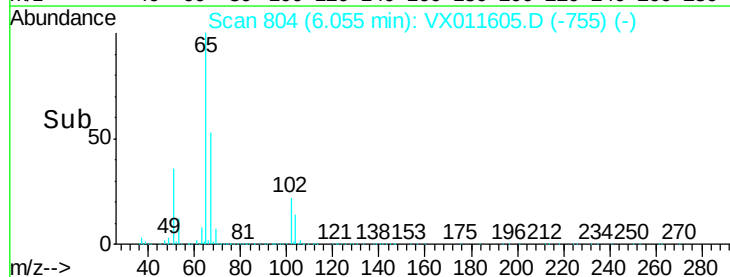
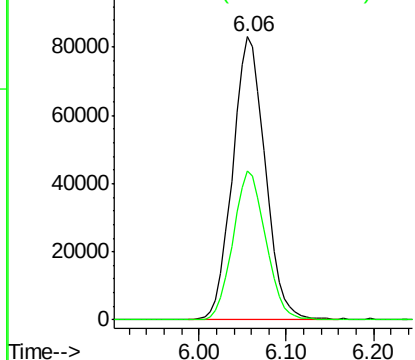


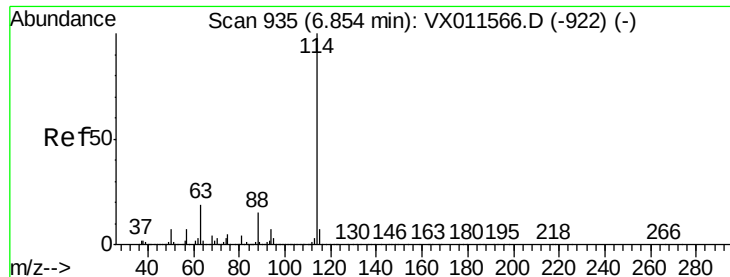
#33
1,2-Dichloroethane-d4
Concen: 50.421 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011605.D
Acq: 17 Aug 2019 01:47

Tgt Ion:	65	Resp:	214187
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

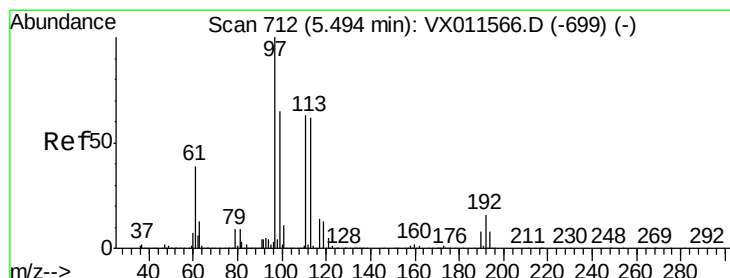
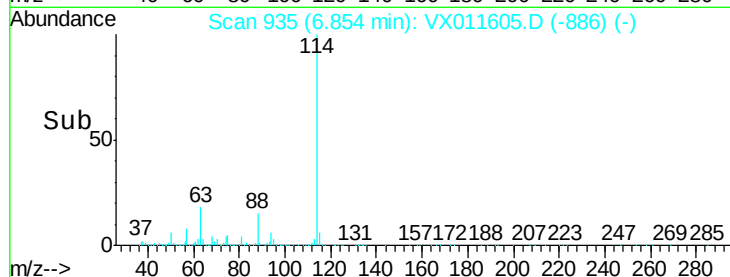
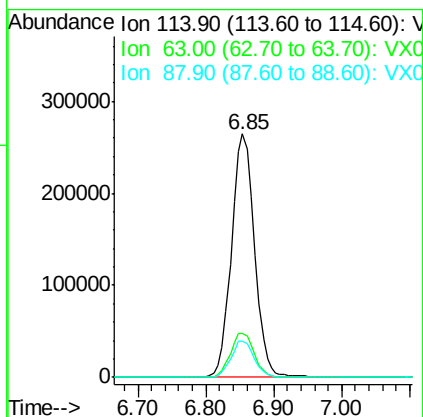
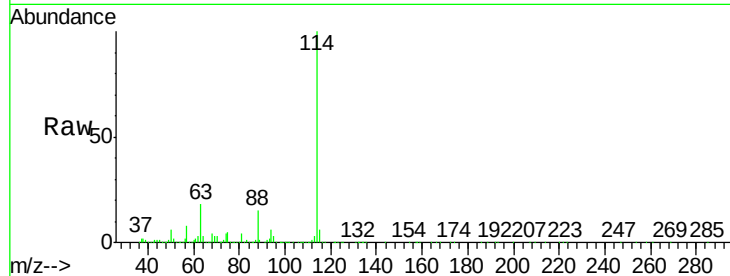




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011605.D
 Acq: 17 Aug 2019 01:47

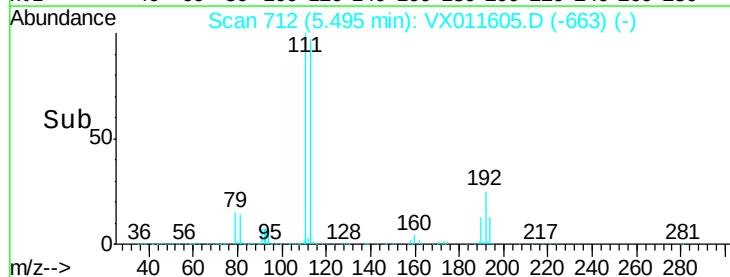
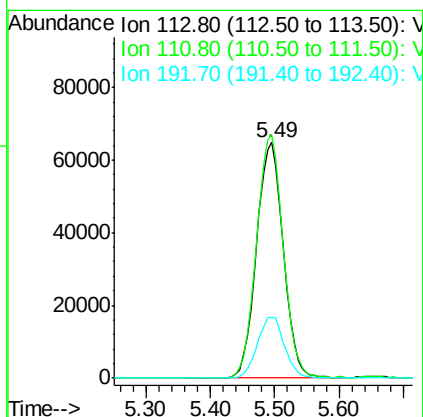
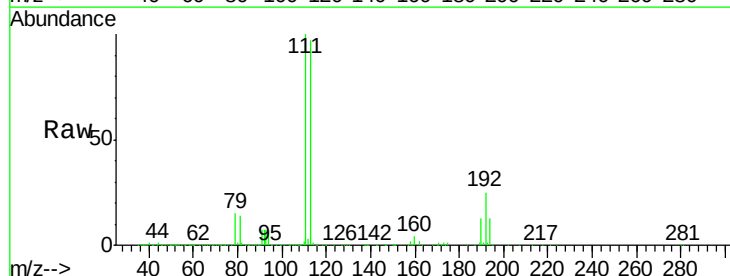
Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-B-(3.4)

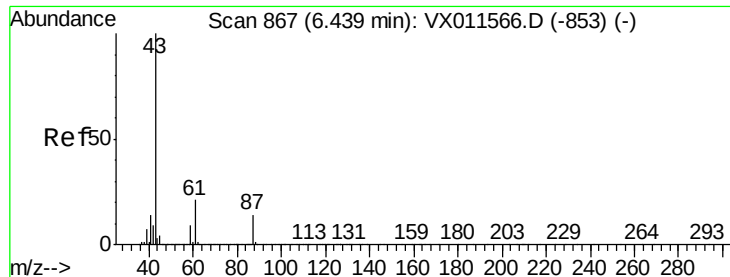
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	37.8
88	14.9	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 45.577 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011605.D
 Acq: 17 Aug 2019 01:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	26.3	20.8	31.2





#43

Isopropyl Acetate

Concen: 8.265 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011605.D

Acq: 17 Aug 2019 01:47

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-B-(3.4)

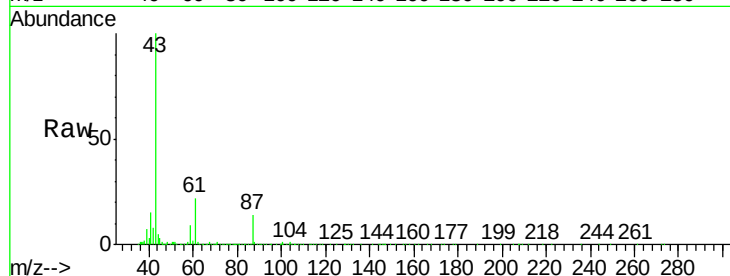
Tot Ion: 43 Resp: 78980

Ion Ratio Lower Upper

43 100

61 20.8 16.6 24.8

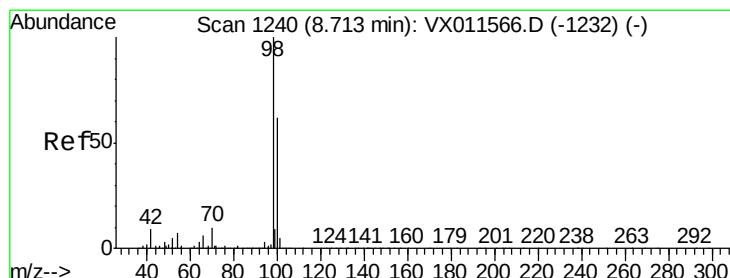
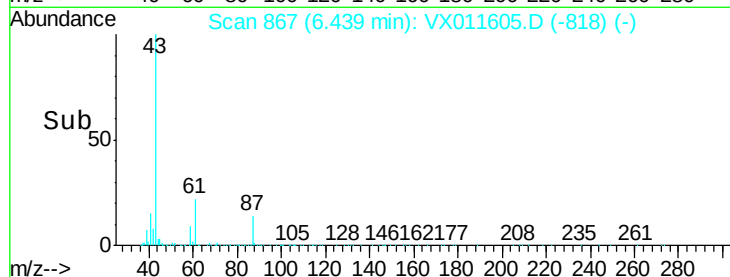
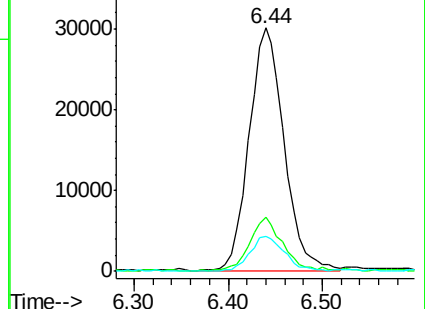
87 14.5 11.4 17.2



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: 56.176 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011605.D

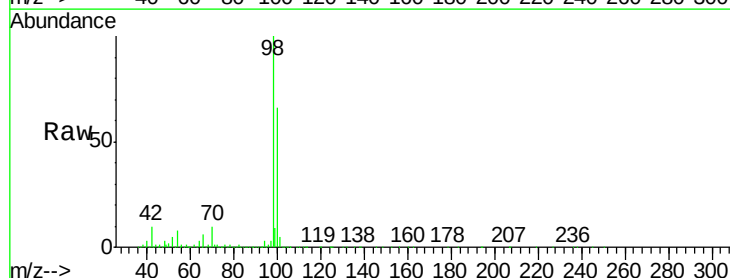
Acq: 17 Aug 2019 01:47

Tgt Ion: 98 Resp: 712821

Ion Ratio Lower Upper

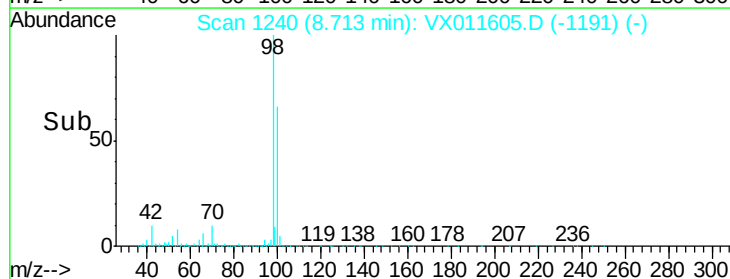
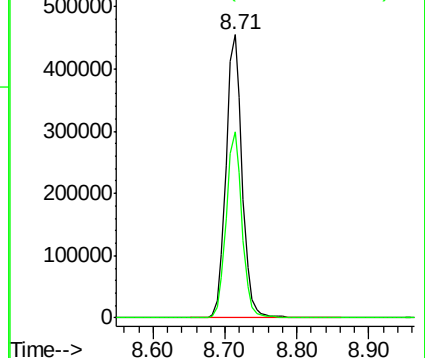
98 100

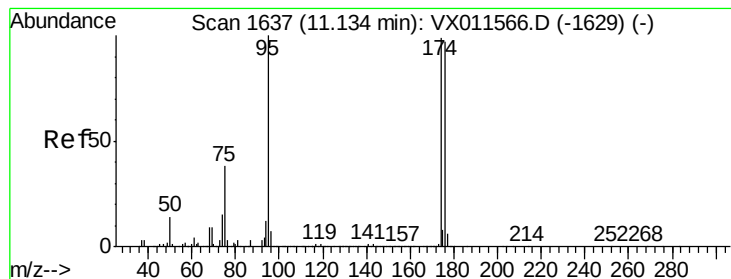
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.370 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011605.D

Acq: 17 Aug 2019 01:47

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-B-(3.4)

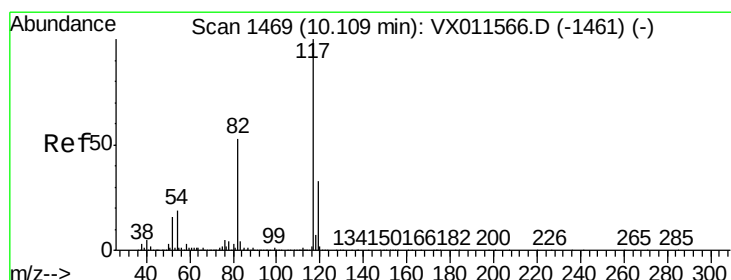
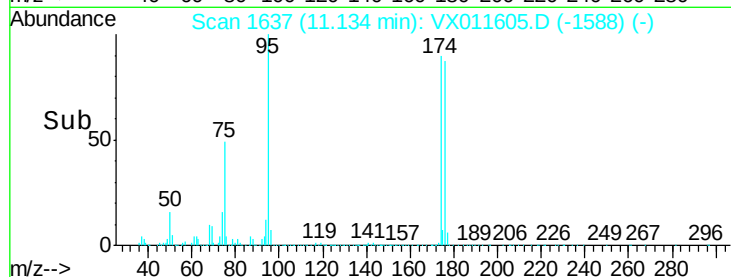
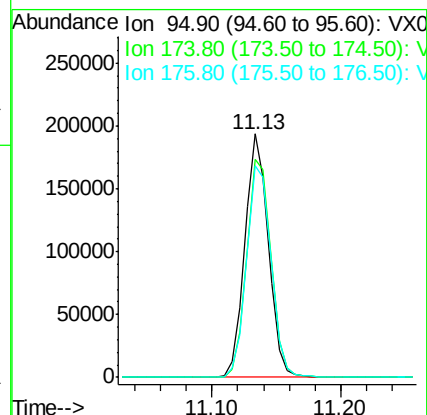
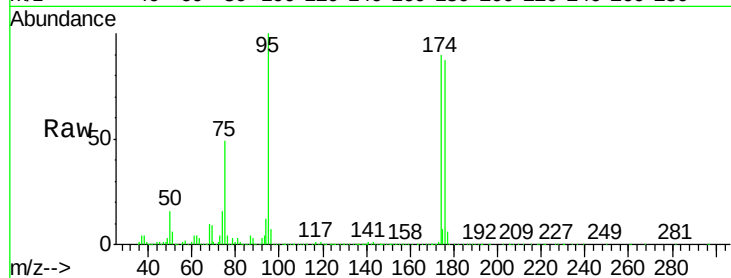
Tot Ion: 95 Resp: 242995

Ion Ratio Lower Upper

95 100

174 93.3 0.0 200.6

176 91.0 0.0 196.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011605.D

Acq: 17 Aug 2019 01:47

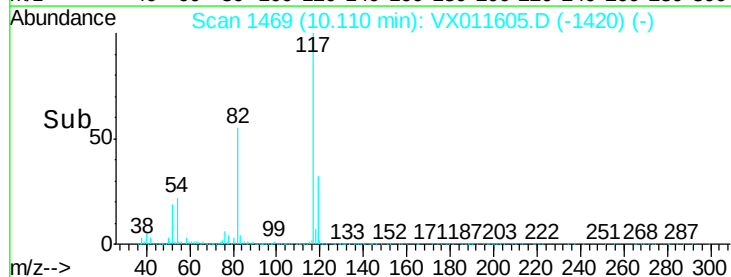
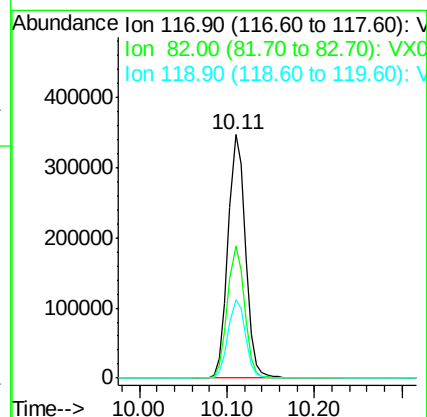
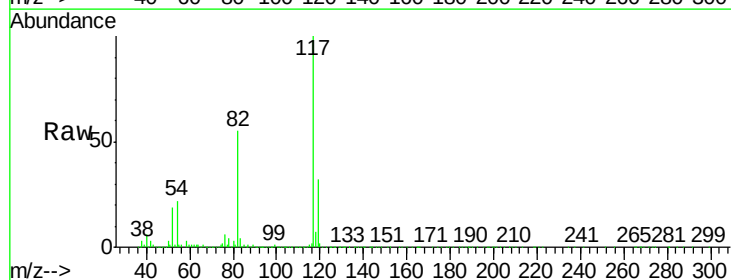
Tgt Ion: 117 Resp: 478401

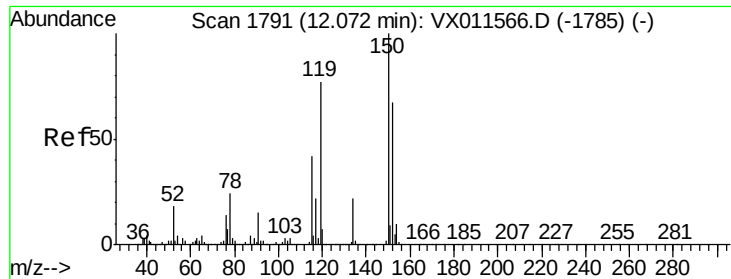
Ion Ratio Lower Upper

117 100

82 54.5 42.0 63.0

119 32.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011605.D

Acq: 17 Aug 2019 01:47

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-B-(3.4)

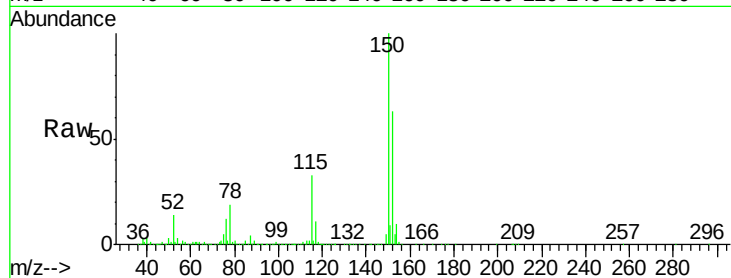
Tot Ion:152 Resp: 264697

Ion Ratio Lower Upper

152 100

115 53.4 37.3 111.9

150 156.5 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

