

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011607.D
 Acq On : 17 Aug 2019 02:34
 Operator : JC/SP
 Sample : K4265-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A2-(0-1)

Quant Time: Aug 19 04:19:15 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

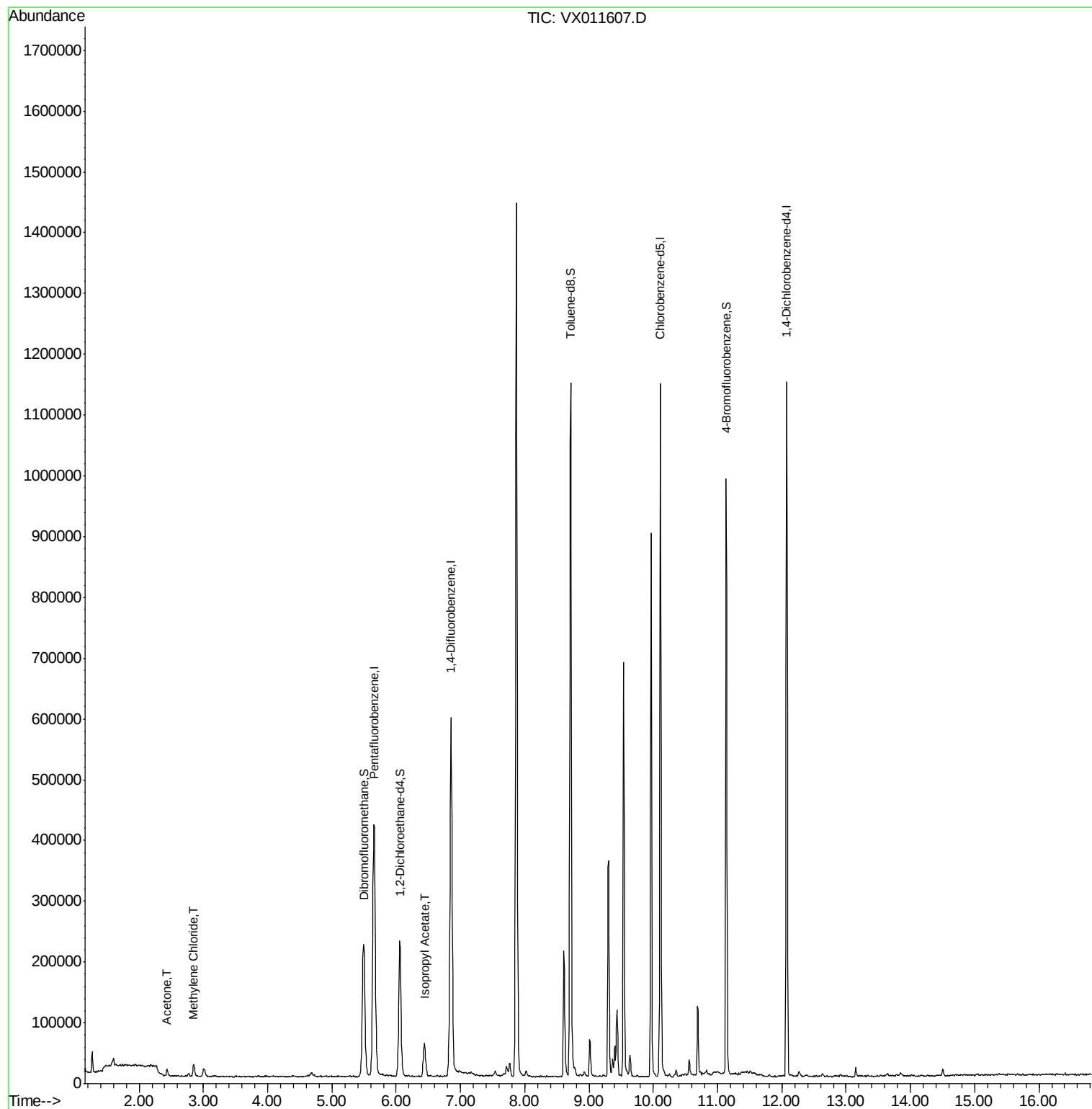
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	463619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	629997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	553797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214811	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	5.49	113	187460	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
50) Toluene-d8	8.71	98	715304	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.42%	
62) 4-Bromofluorobenzene	11.13	95	240364	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	
Target Compounds						
16) Acetone	2.43	43	11799	5.458	ug/l	94
20) Methylene Chloride	2.85	84	9811	2.161	ug/l	93
43) Isopropyl Acetate	6.44	43	75119	7.769	ug/l	98

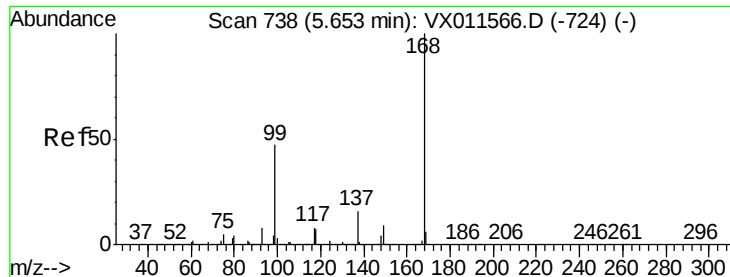
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011607.D

Acq: 17 Aug 2019 02:34

Instrument :

MSVOA_X

ClientSampleId :

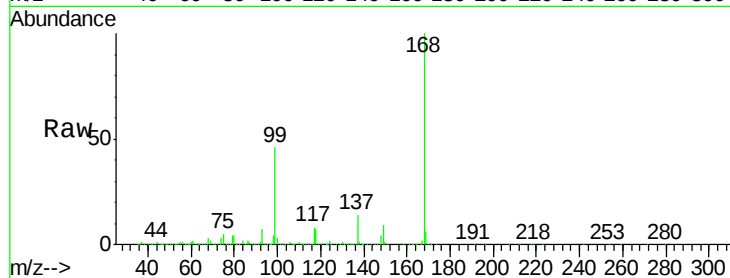
REACTOR-4-A2-(0-1)

Tot Ion:168 Resp: 463619

Ion Ratio Lower Upper

168 100

99 45.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

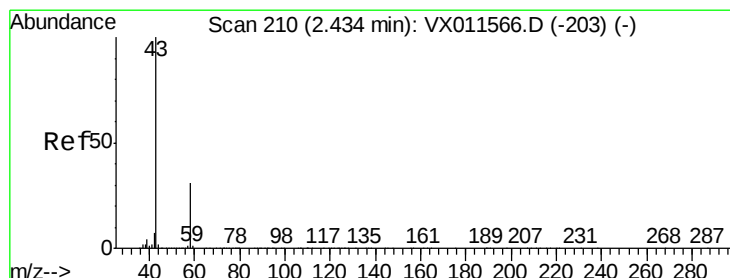
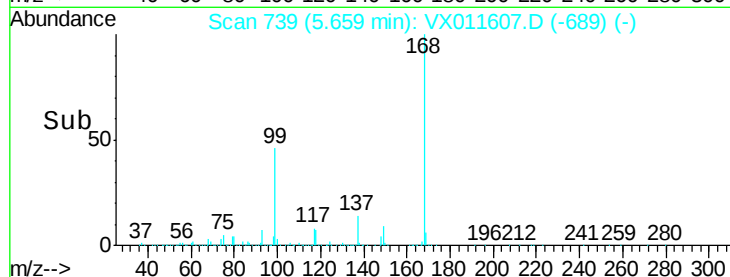
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.458 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011607.D

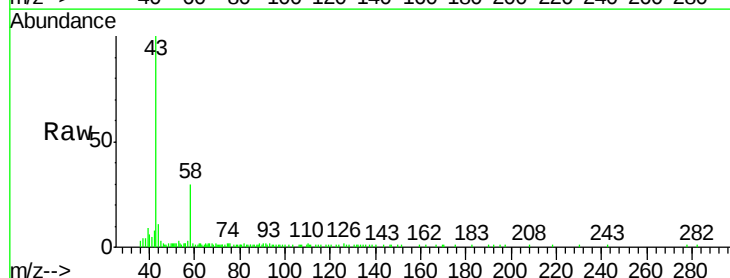
Acq: 17 Aug 2019 02:34

Tgt Ion: 43 Resp: 11799

Ion Ratio Lower Upper

43 100

58 28.2 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

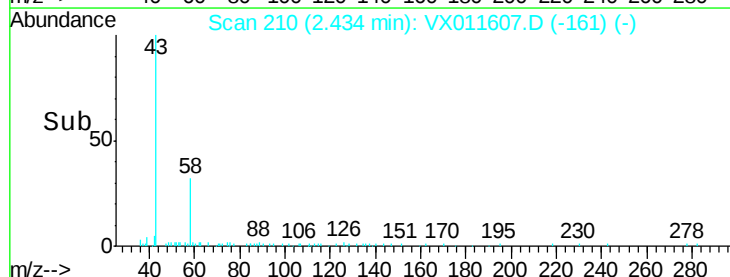
6000

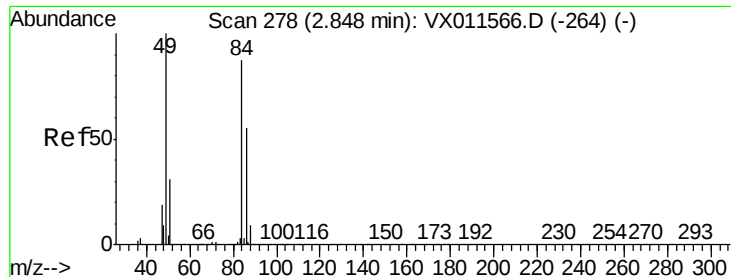
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2000

0

Time-->

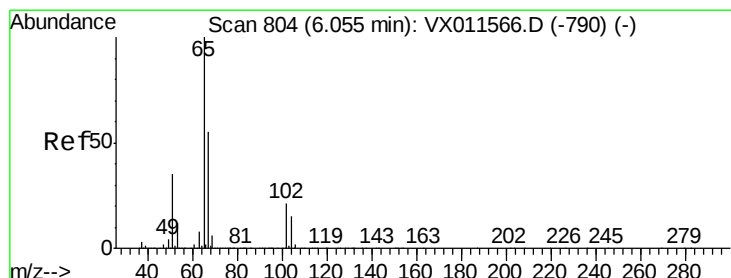
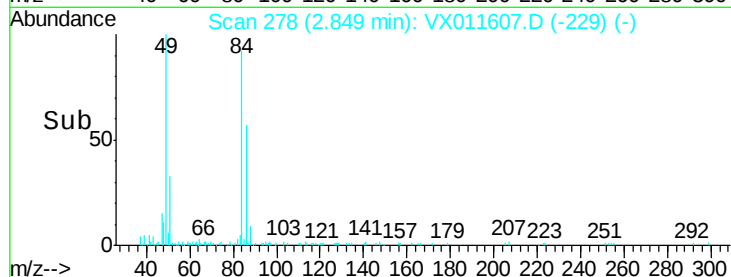
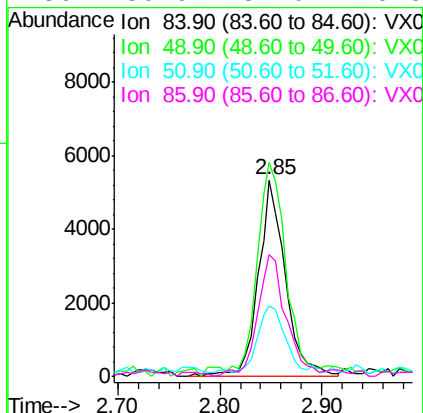
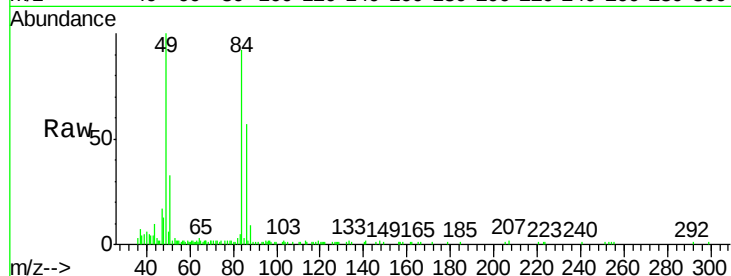




#20
Methvlene Chloride
Concen: 2.161 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011607.D
Acq: 17 Aug 2019 02:34

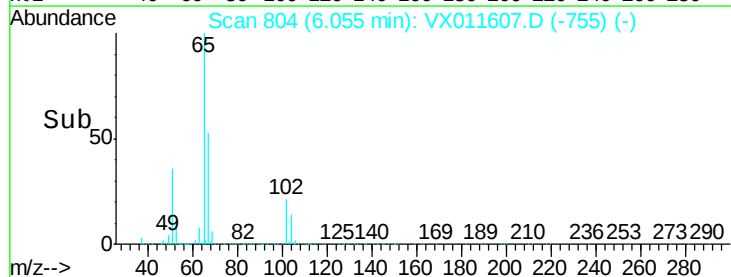
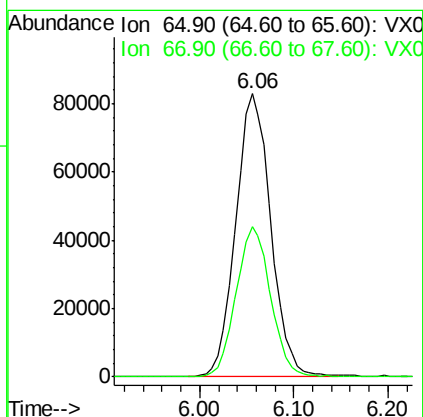
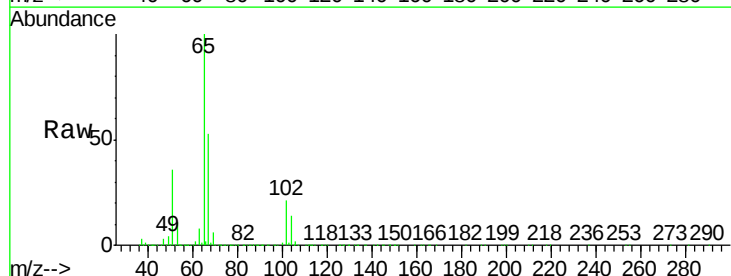
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A2-(0-1)

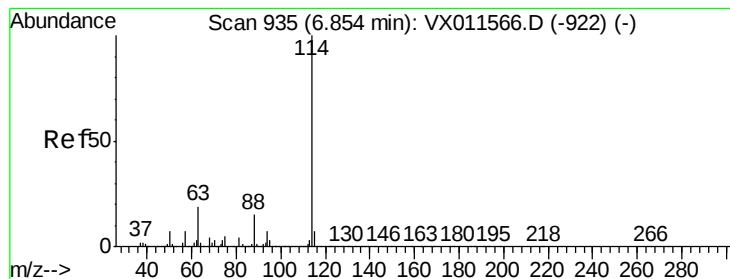
Tot Ion:	84	Resp:	9811
Ion	Ratio	Lower	Upper
84	100		
49	105.2	92.4	138.6
51	34.2	28.5	42.7
86	59.9	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 49.963 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011607.D
Acq: 17 Aug 2019 02:34

Tgt Ion:	65	Resp:	214811
Ion	Ratio	Lower	Upper
65	100		
67	52.2	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: VX011607.D

Acq: 17 Aug 2019 02:34

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A2-(0-1)

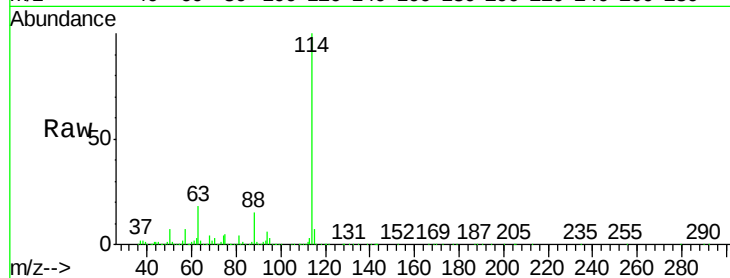
Tot Ion:114 Resp: 629997

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

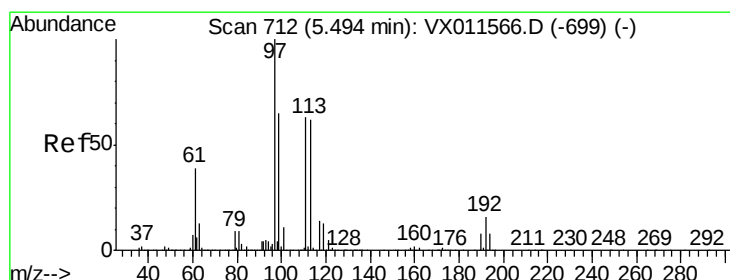
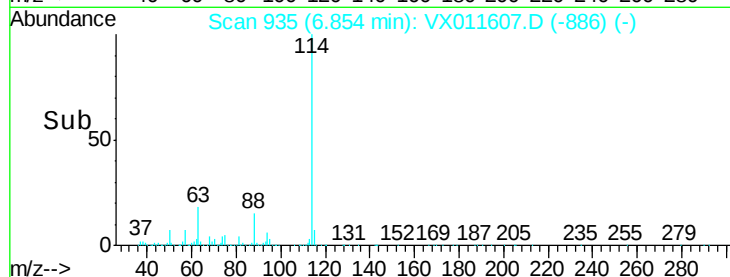
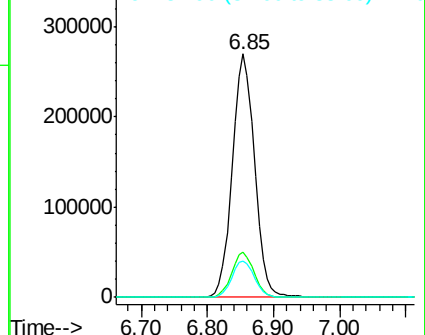
88 14.9 0.0 30.2



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: 45.494 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011607.D

Acq: 17 Aug 2019 02:34

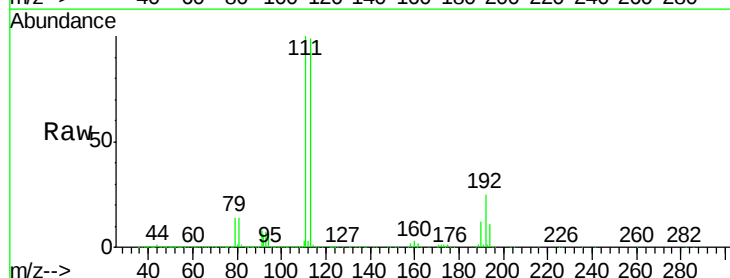
Tgt Ion:113 Resp: 187460

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

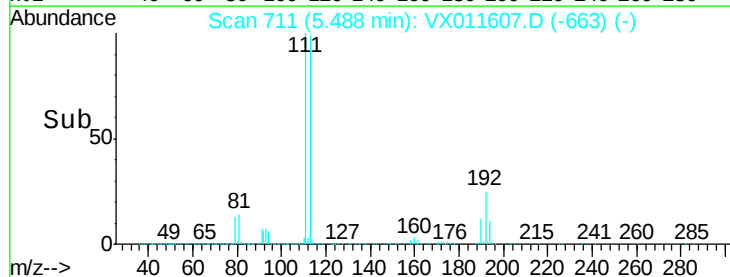
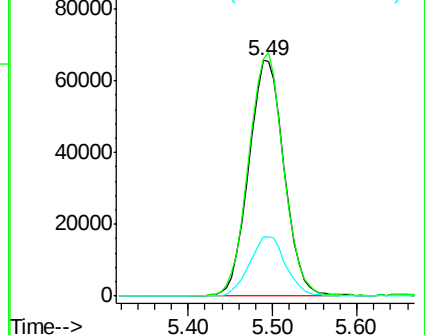
192 25.7 20.8 31.2

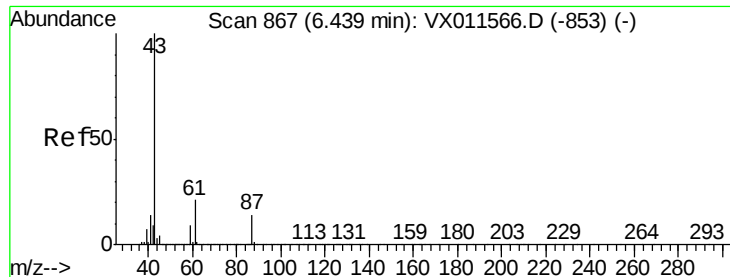


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



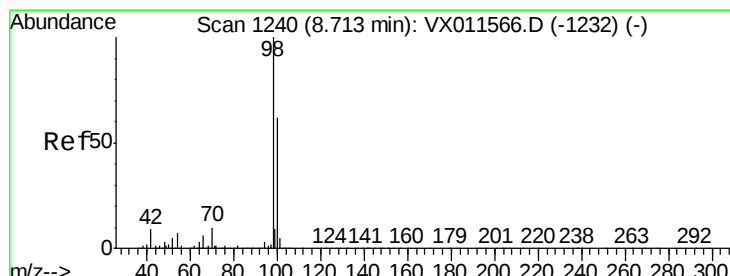
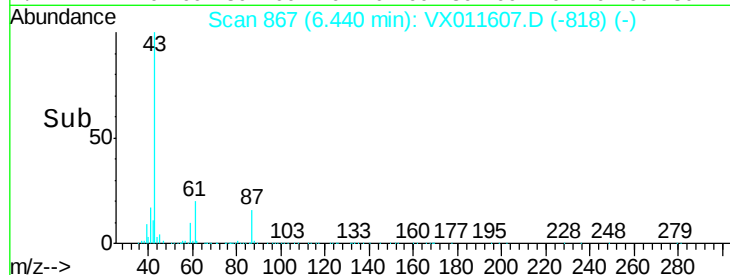
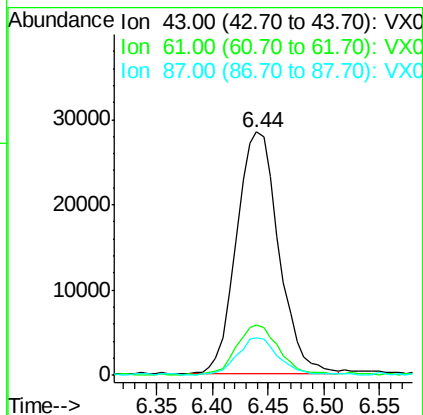
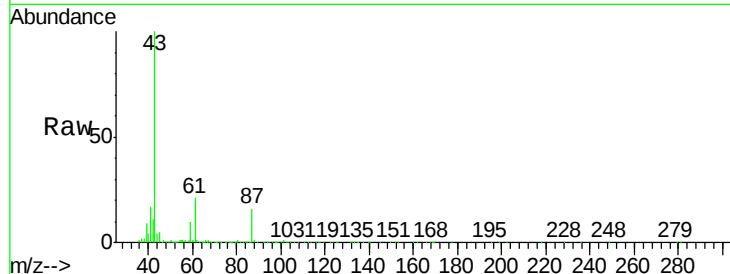


#43

Isopropyl Acetate
 Concen: 7.769 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011607.D
 Acq: 17 Aug 2019 02:34

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A2-(0-1)

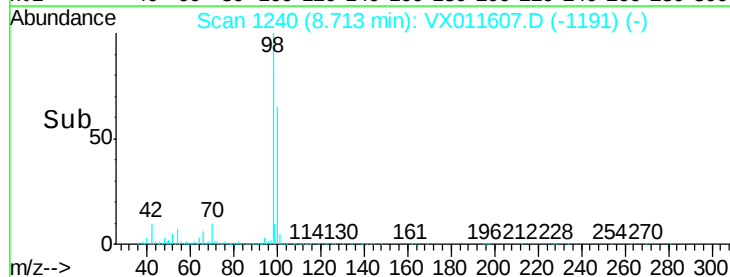
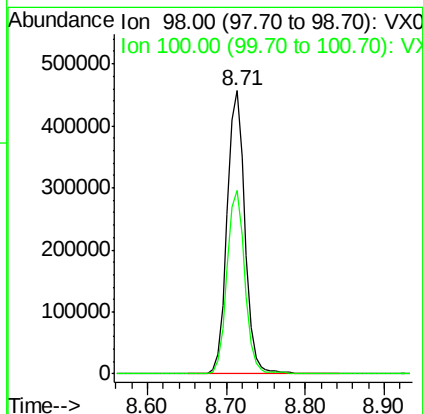
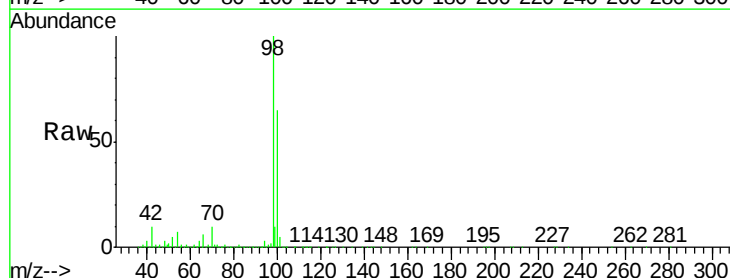
Tot Ion	43	Resp	75119
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.6	24.8
87	15.6	11.4	17.2

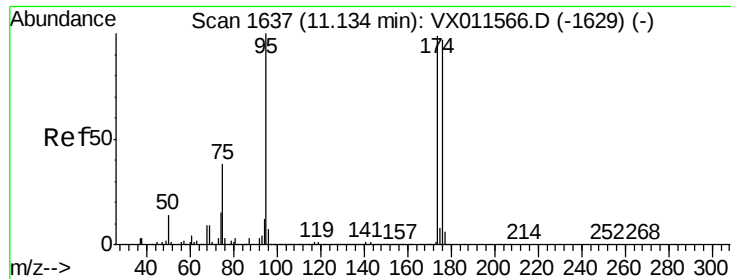


#50

Toluene-d8
 Concen: 55.712 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011607.D
 Acq: 17 Aug 2019 02:34

Tgt Ion	98	Resp	715304
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.4	78.6

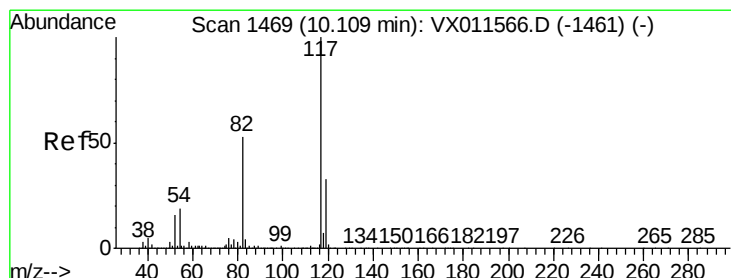
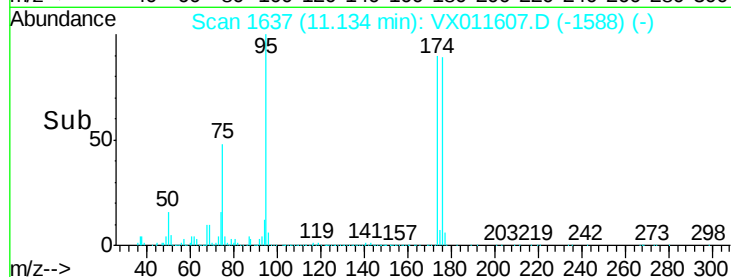
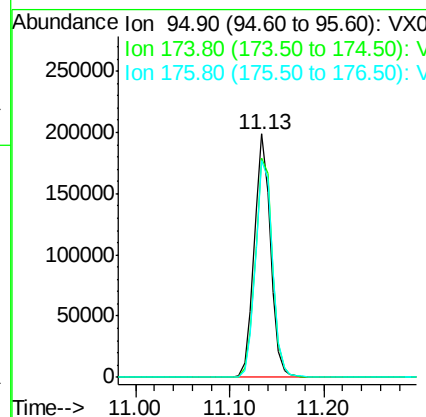
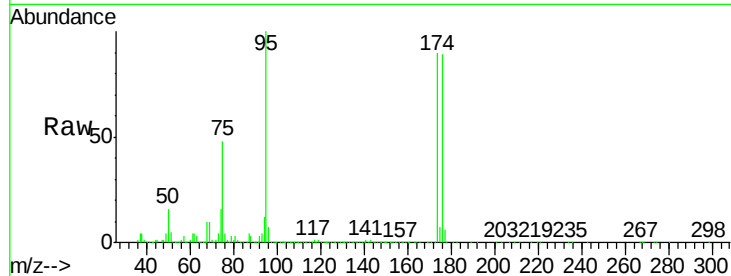




#62
4-Bromofluorobenzene
Concen: 44.354 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011607.D
Acq: 17 Aug 2019 02:34

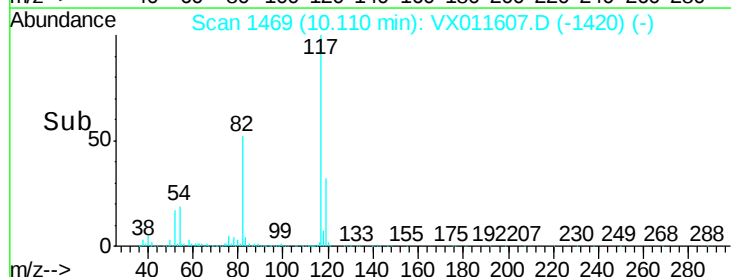
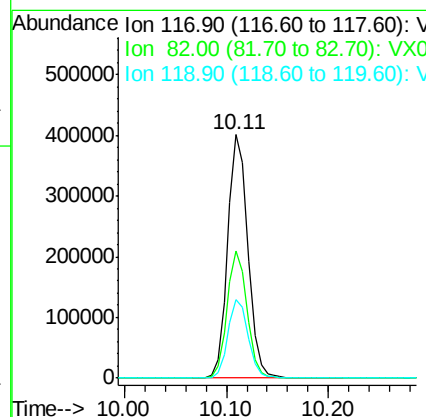
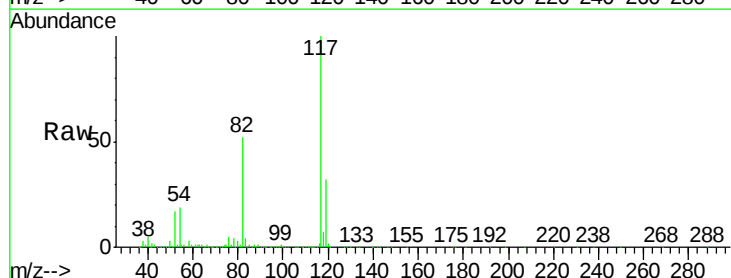
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A2-(0-1)

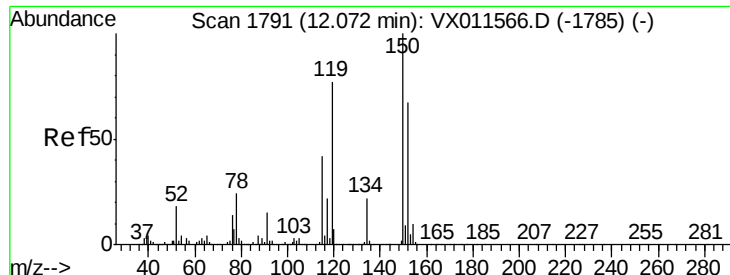
Tot Ion: 95 Resp: 240364
Ion Ratio Lower Upper
95 100
174 95.4 0.0 200.6
176 93.6 0.0 196.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011607.D
Acq: 17 Aug 2019 02:34

Tgt Ion: 117 Resp: 553797
Ion Ratio Lower Upper
117 100
82 52.2 42.0 63.0
119 32.1 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: VX011607.D

Acq: 17 Aug 2019 02:34

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A2-(0-1)

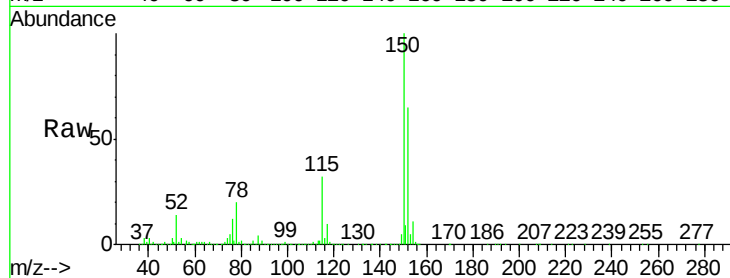
Tot Ion:152 Resp: 267760

Ion Ratio Lower Upper

152 100

115 52.7 37.3 111.9

150 155.3 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

