

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011609.D
 Acq On : 17 Aug 2019 03:21
 Operator : JC/SP
 Sample : K4265-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A4-(0-1)

Quant Time: Aug 19 04:37:36 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

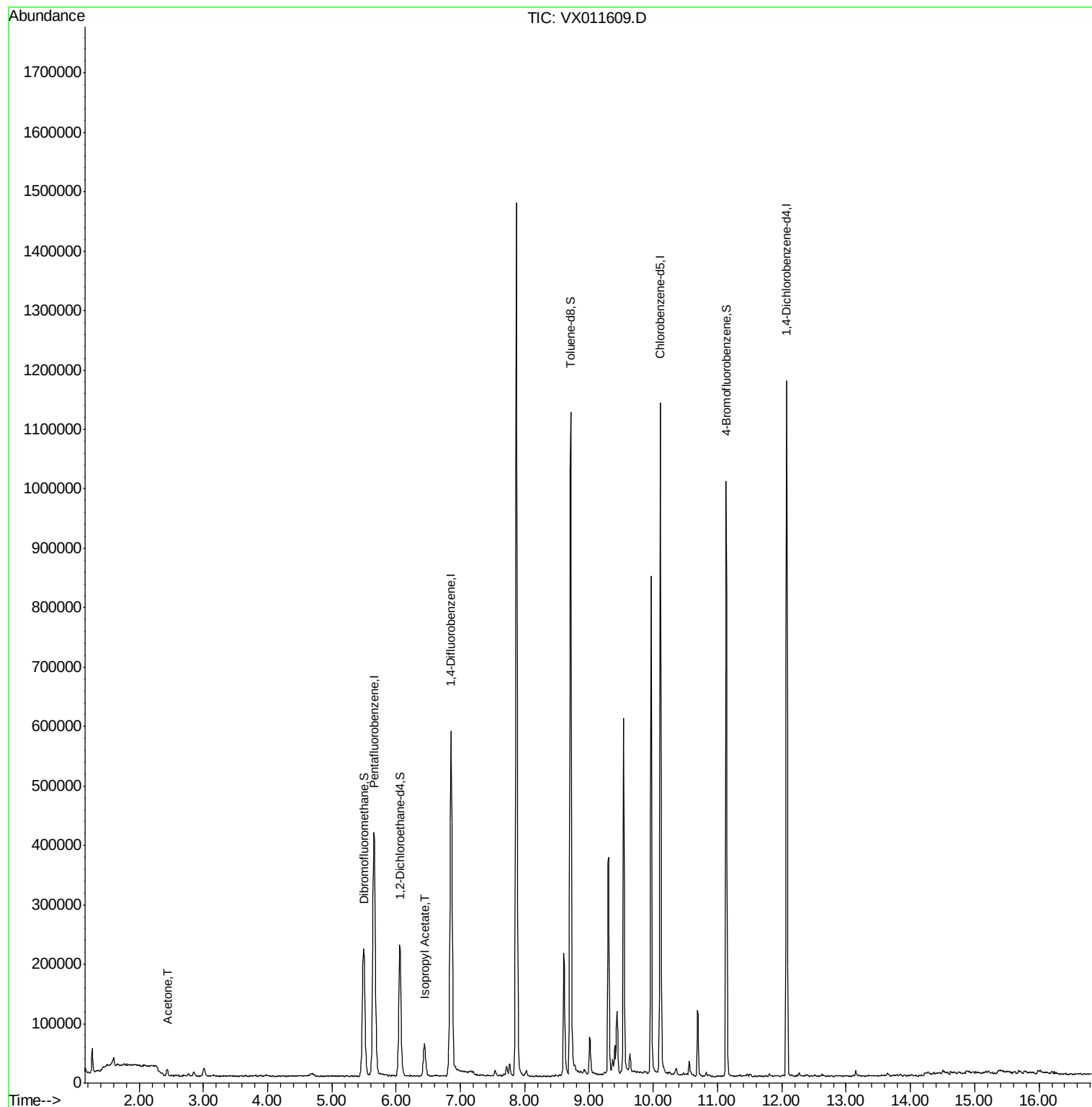
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	626390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	523613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212638	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	5.49	113	183682	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
50) Toluene-d8	8.71	98	695326	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
62) 4-Bromofluorobenzene	11.13	95	247697	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
Target Compounds						
16) Acetone	2.44	43	13215	6.340	ug/l	96
43) Isopropyl Acetate	6.44	43	77430	8.054	ug/l	100

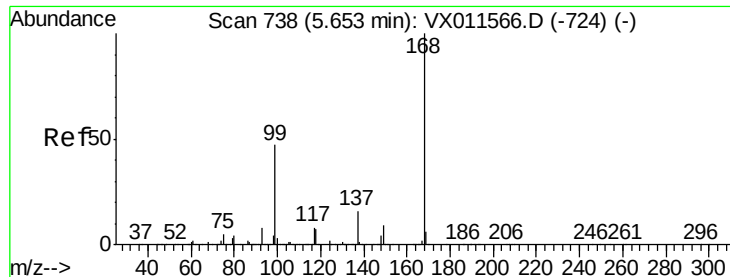
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

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Acq: 17 Aug 2019 03:21

Instrument :

MSVOA_X

ClientSampleId :

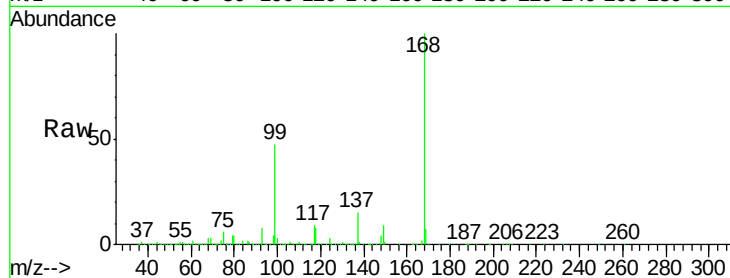
REACTOR-4-A4-(0-1)

Tot Ion:168 Resp: 447014

Ion Ratio Lower Upper

168 100

99 46.9 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

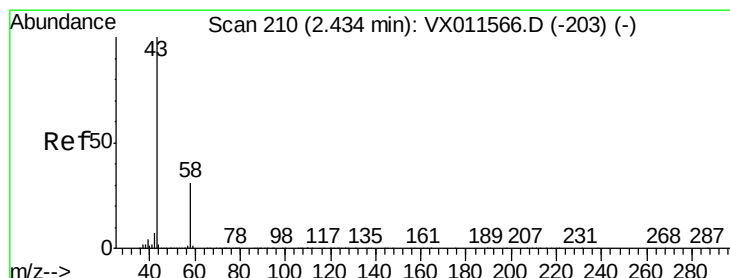
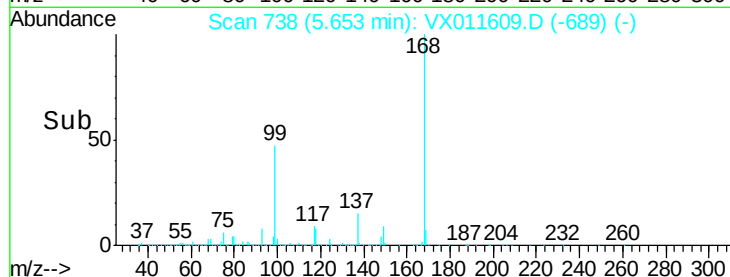
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.340 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011609.D

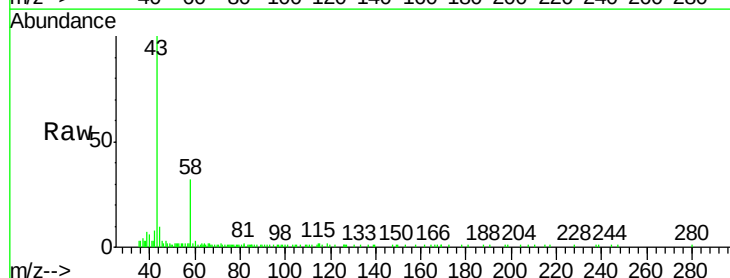
Acq: 17 Aug 2019 03:21

Tgt Ion: 43 Resp: 13215

Ion Ratio Lower Upper

43 100

58 29.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

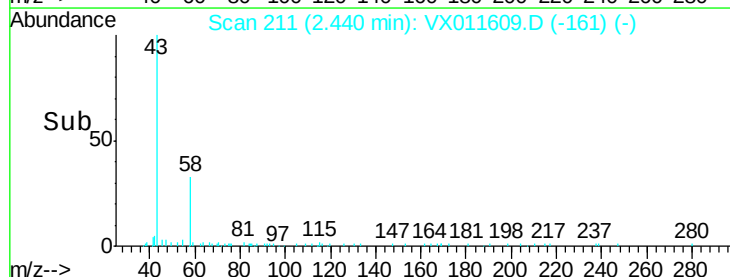
6000

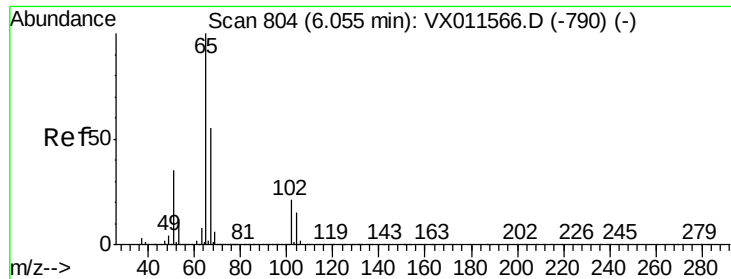
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 51.294 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011609.D

Acq: 17 Aug 2019 03:21

Instrument :

MSVOA_X

ClientSampleId :

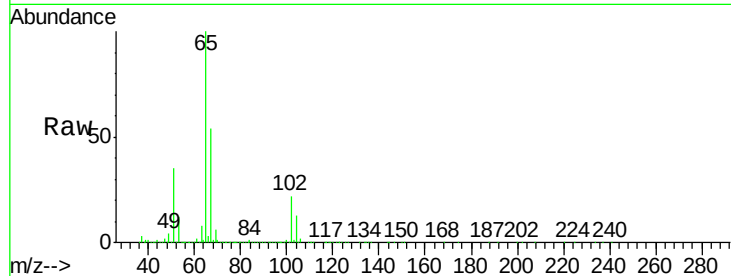
REACTOR-4-A4-(0-1)

Tot Ion: 65 Resp: 212638

Ion Ratio Lower Upper

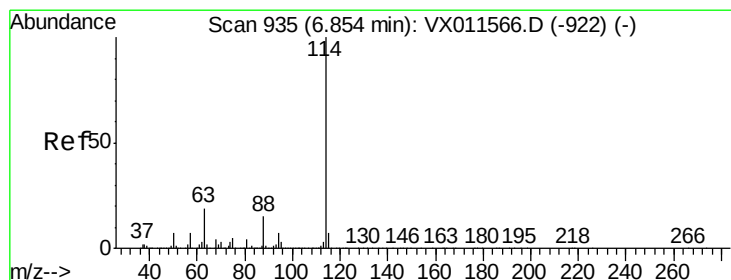
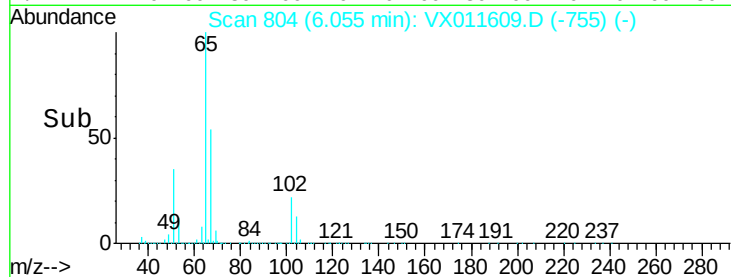
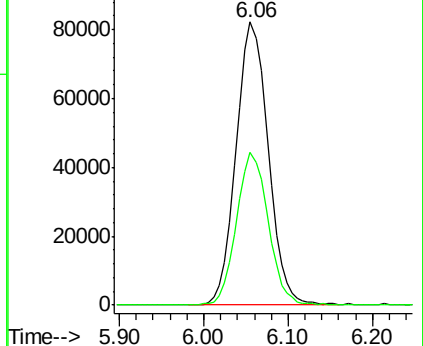
65 100

67 52.7 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: VX011609.D

Acq: 17 Aug 2019 03:21

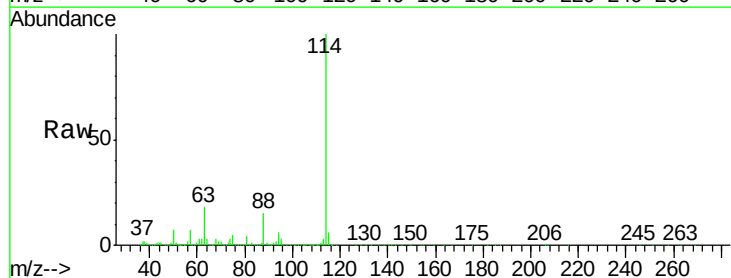
Tgt Ion: 114 Resp: 626390

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

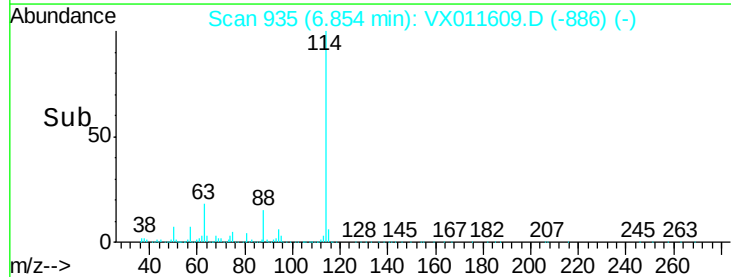
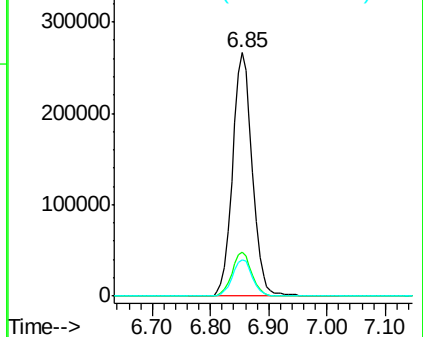
88 14.8 0.0 30.2

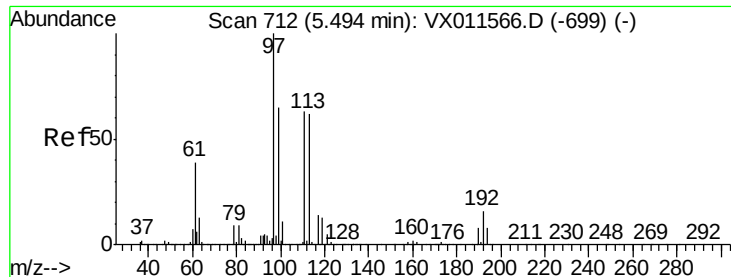


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.833 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011609.D

Acq: 17 Aug 2019 03:21

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A4-(0-1)

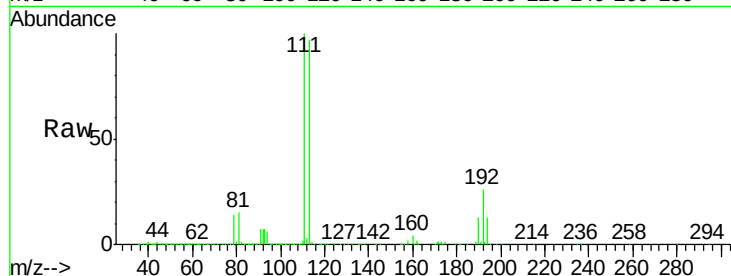
Tot Ion:113 Resp: 183682

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

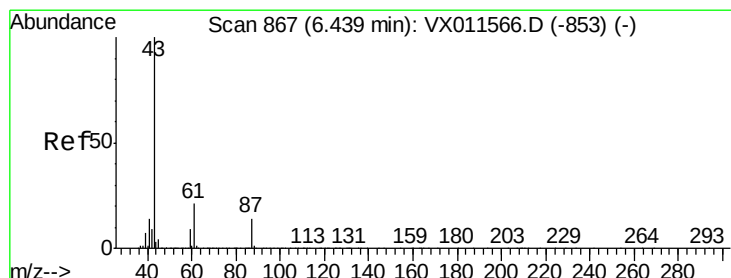
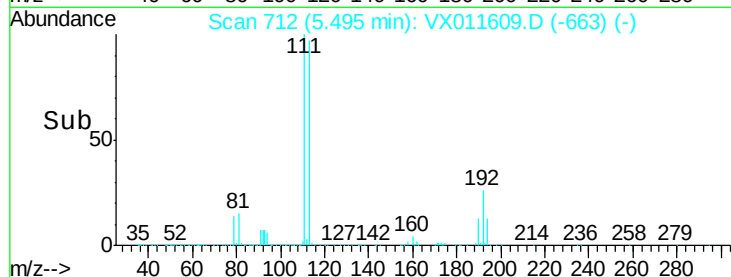
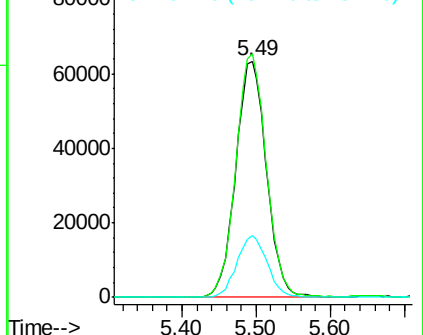
192 25.9 20.8 31.2



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: 8.054 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011609.D

Acq: 17 Aug 2019 03:21

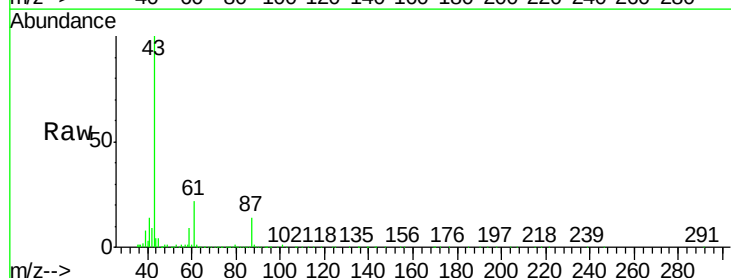
Tgt Ion: 43 Resp: 77430

Ion Ratio Lower Upper

43 100

61 20.7 16.6 24.8

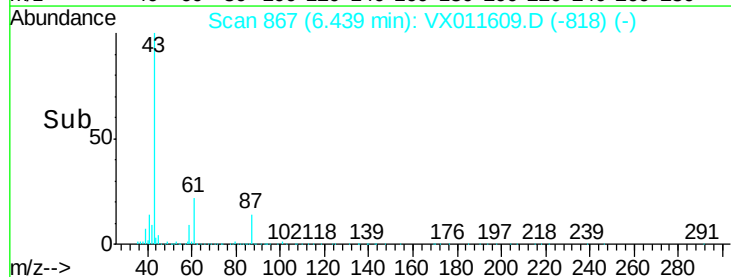
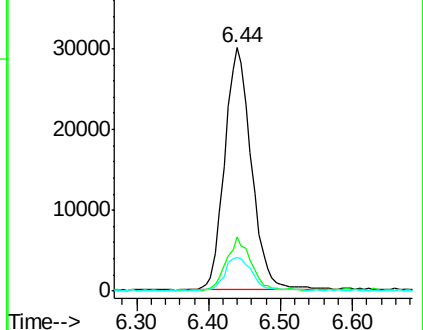
87 13.8 11.4 17.2

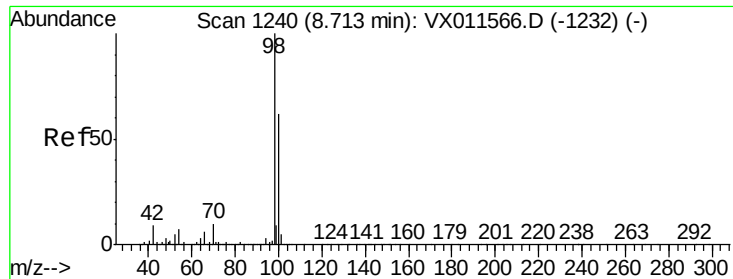


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

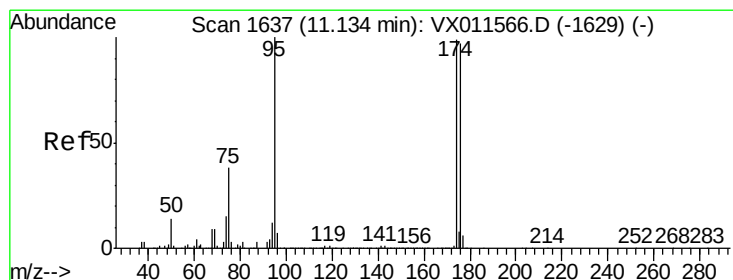
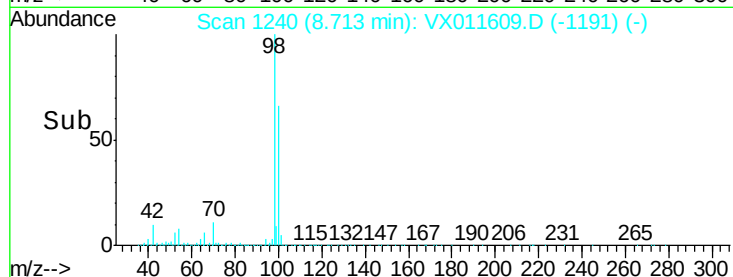
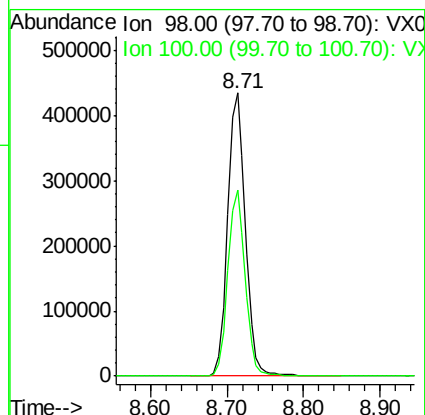
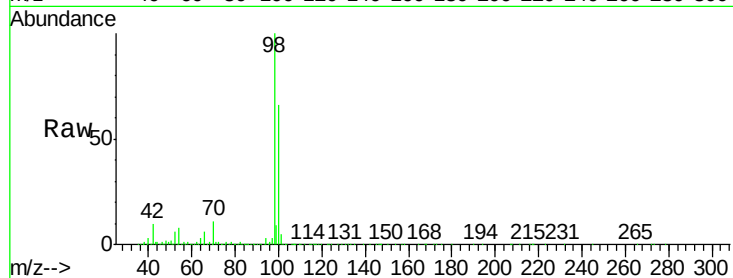




#50
Toluene-d8
Concen: 54.468 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011609.D
Acq: 17 Aug 2019 03:21

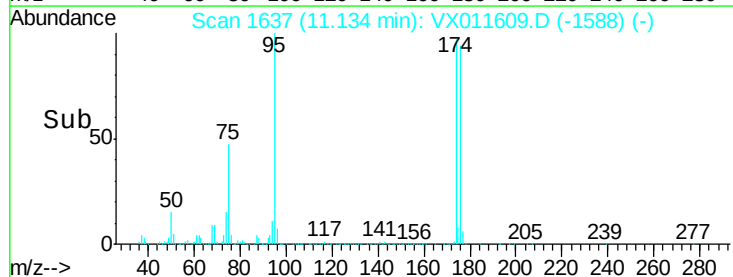
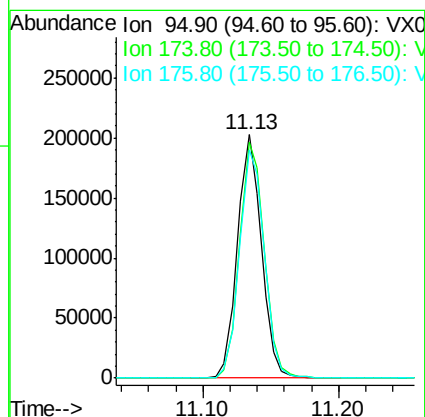
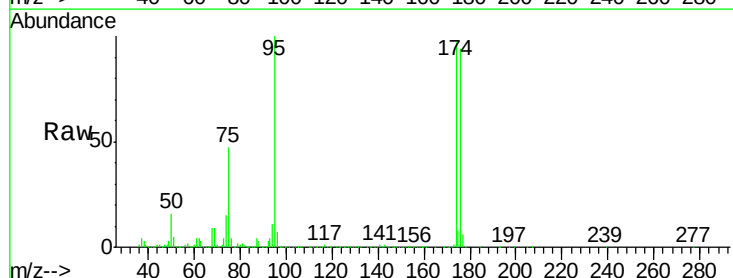
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(0-1)

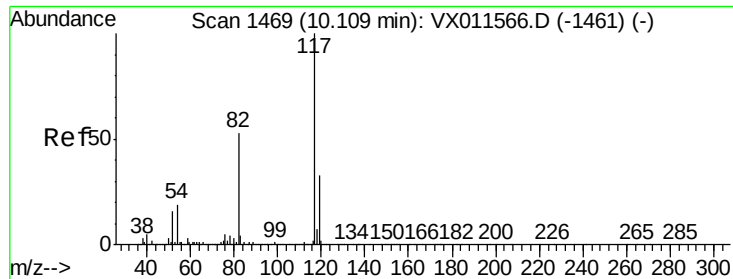
Tot Ion: 98 Resp: 695326
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.970 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011609.D
Acq: 17 Aug 2019 03:21

Tgt Ion: 95 Resp: 247697
Ion Ratio Lower Upper
95 100
174 100.2 0.0 200.6
176 97.5 0.0 196.6

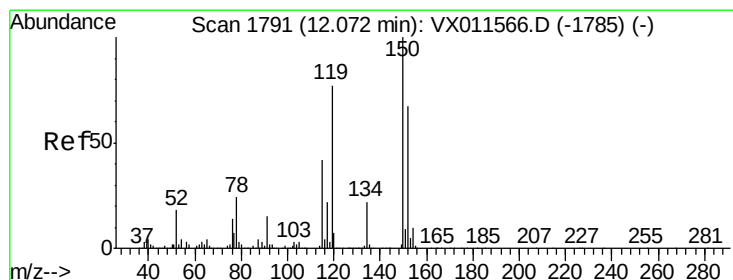
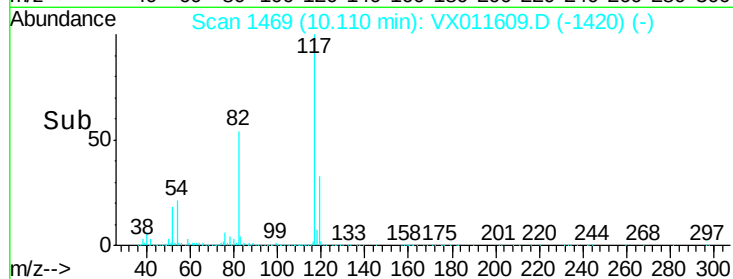
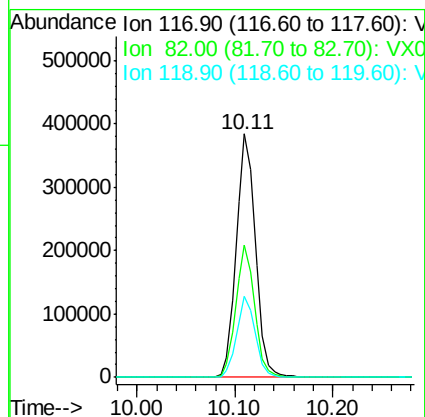
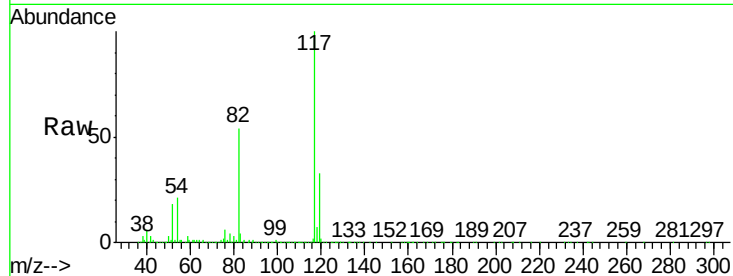




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011609.D
Acq: 17 Aug 2019 03:21

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(0-1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.0	63.0
119	33.4	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: VX011609.D
Acq: 17 Aug 2019 03:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	37.3	111.9
150	157.6	0.0	346.2

