

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011612.D
 Acq On : 17 Aug 2019 04:32
 Operator : JC/SP
 Sample : K4265-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A3-(3.4)

Quant Time: Aug 19 04:46:55 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

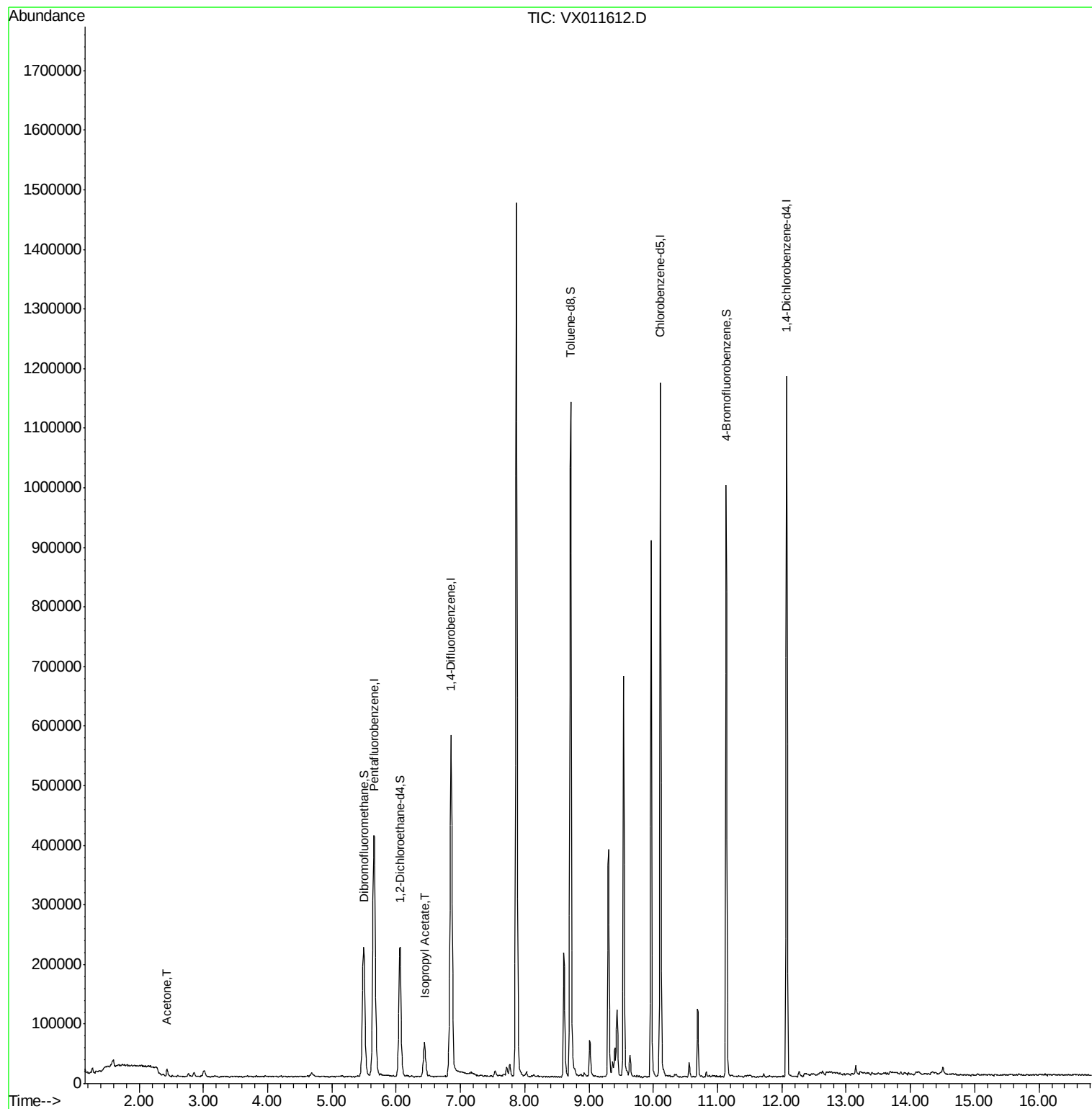
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	443062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	553392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	213786	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	5.49	113	182531	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
50) Toluene-d8	8.71	98	709163	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.48%	
62) 4-Bromofluorobenzene	11.13	95	247630	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
Target Compounds						
16) Acetone	2.43	43	12552	6.076	ug/l	Qvalue 100
43) Isopropyl Acetate	6.44	43	76647	8.143	ug/l	99

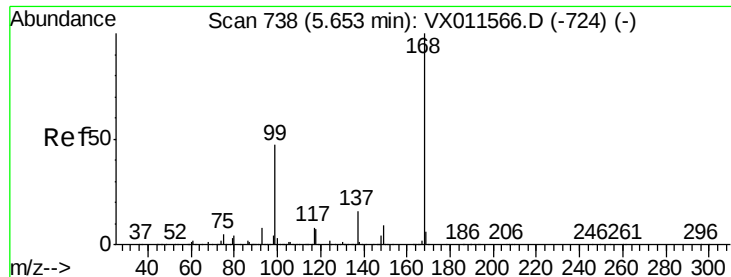
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011612.D

Acq: 17 Aug 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

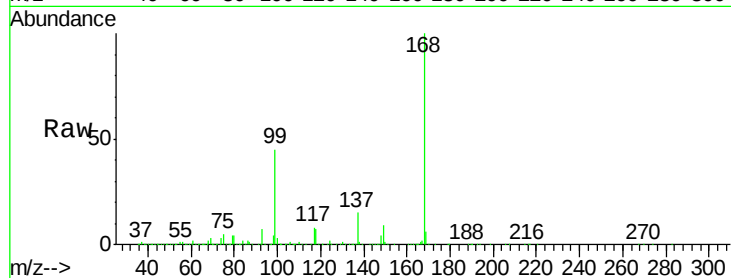
REACTOR-4-A3-(3.4)

Tot Ion:168 Resp: 443062

Ion Ratio Lower Upper

168 100

99 45.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

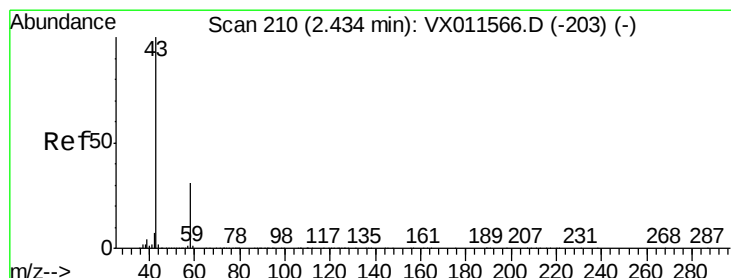
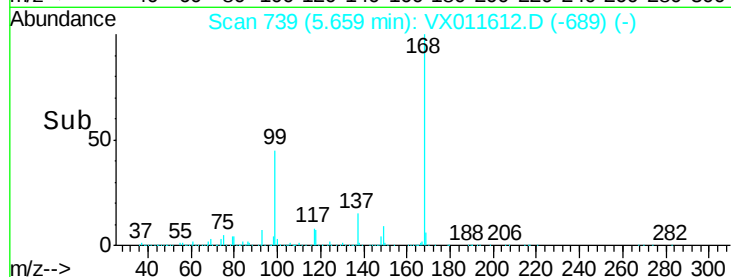
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.076 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011612.D

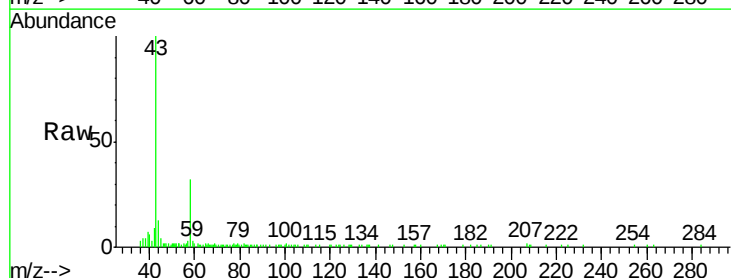
Acq: 17 Aug 2019 04:32

Tgt Ion: 43 Resp: 12552

Ion Ratio Lower Upper

43 100

58 31.5 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

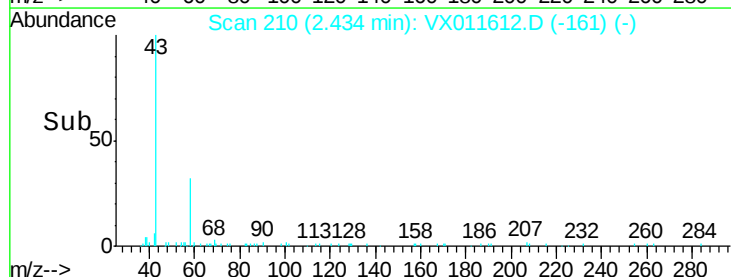
6000

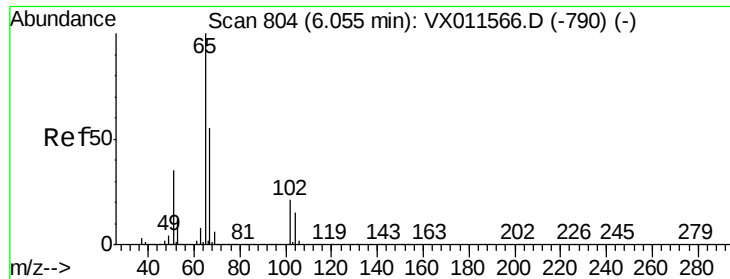
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.031 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011612.D

Acq: 17 Aug 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

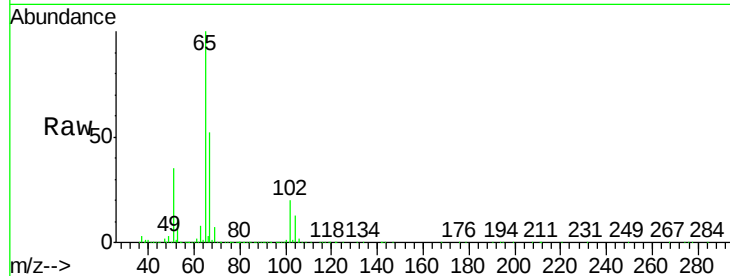
REACTOR-4-A3-(3.4)

Tot Ion: 65 Resp: 213786

Ion Ratio Lower Upper

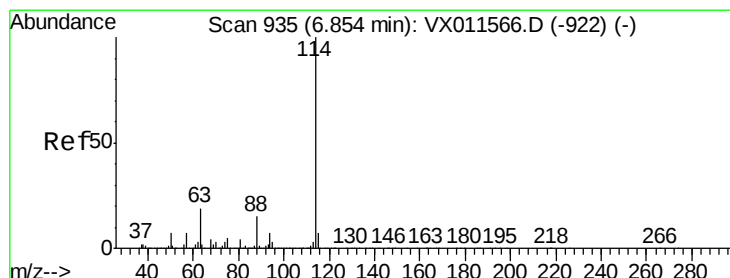
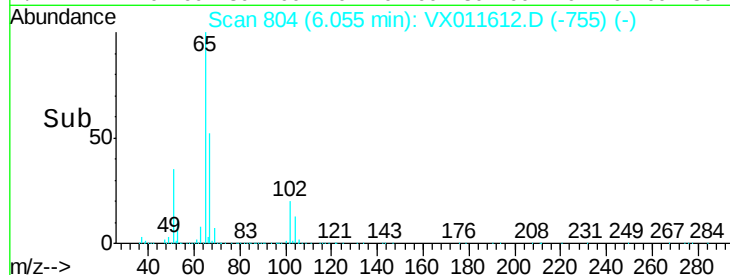
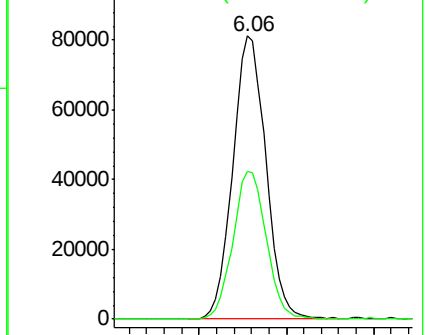
65 100

67 52.1 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: VX011612.D

Acq: 17 Aug 2019 04:32

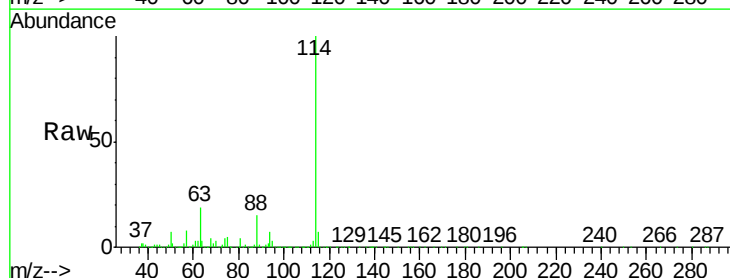
Tgt Ion: 114 Resp: 613322

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

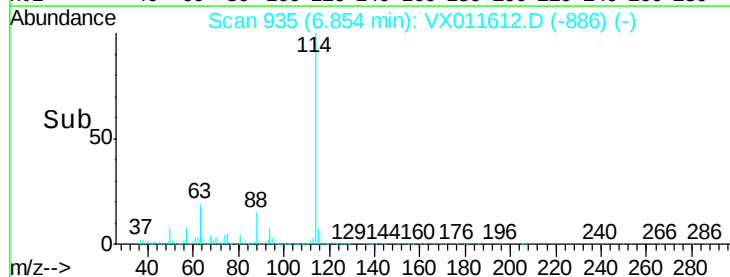
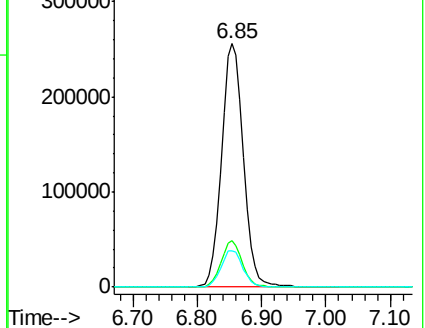
88 14.7 0.0 30.2

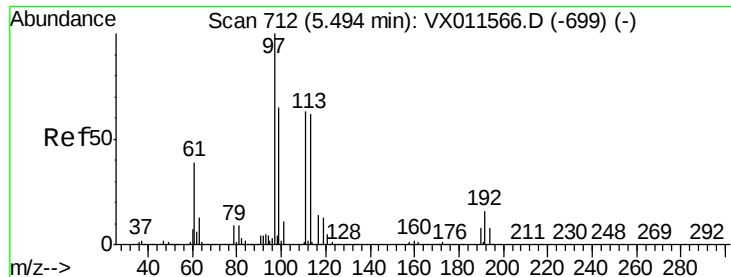


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.502 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011612.D

Acq: 17 Aug 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A3-(3.4)

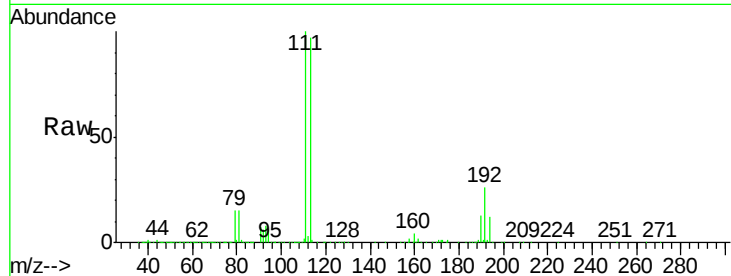
Tot Ion:113 Resp: 182531

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

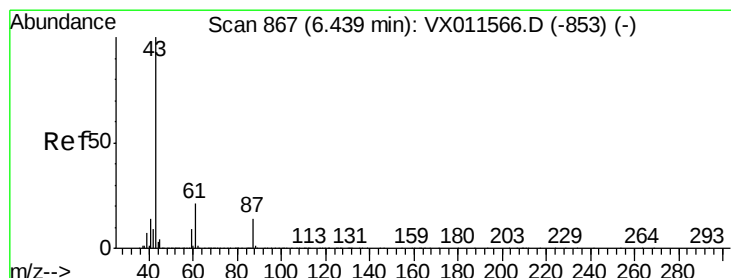
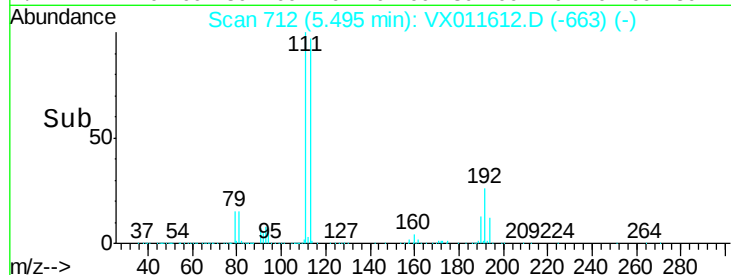
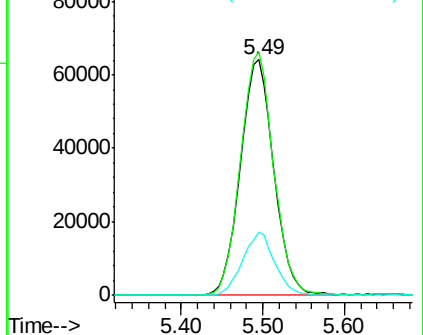
192 25.9 20.8 31.2



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: 8.143 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011612.D

Acq: 17 Aug 2019 04:32

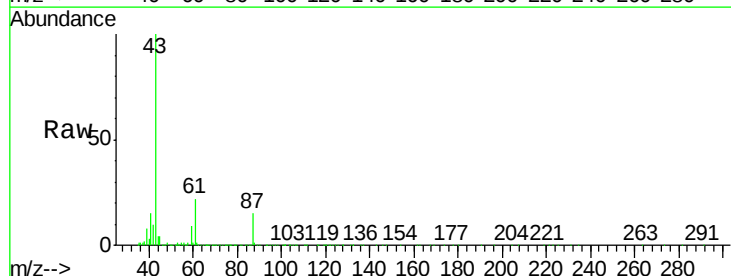
Tgt Ion: 43 Resp: 76647

Ion Ratio Lower Upper

43 100

61 21.2 16.6 24.8

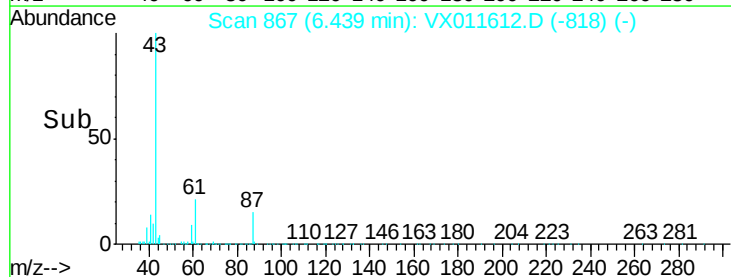
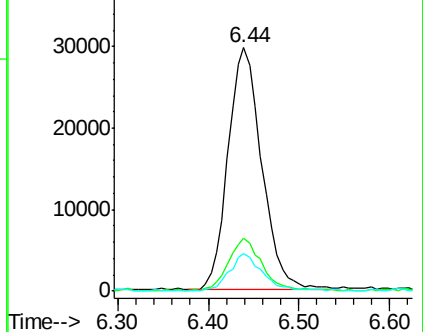
87 15.0 11.4 17.2

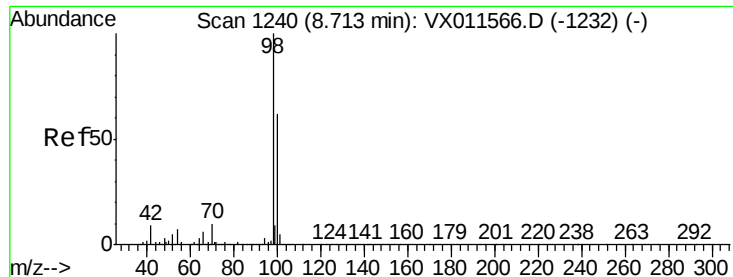


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

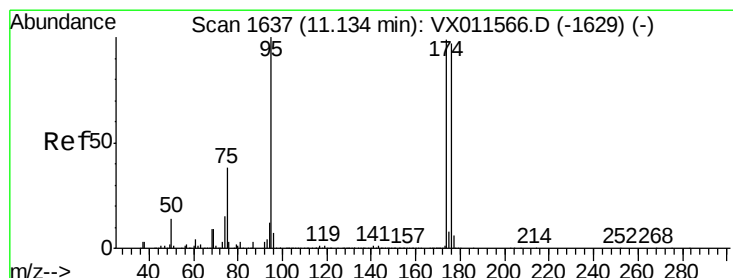
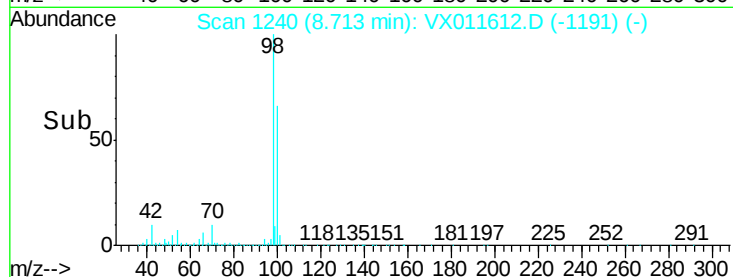
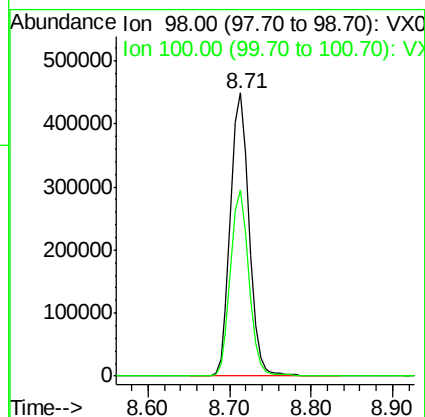
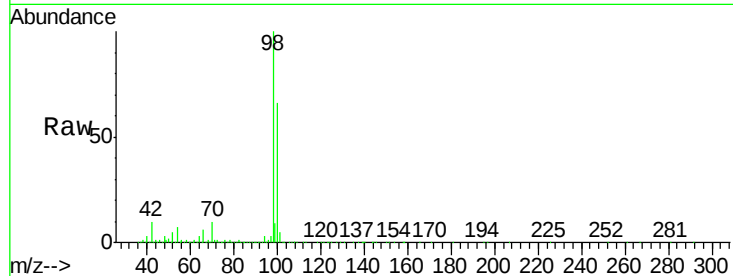




#50
Toluene-d8
Concen: 56.736 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011612.D
Acq: 17 Aug 2019 04:32

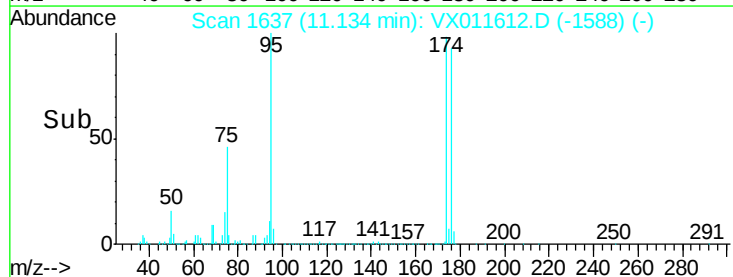
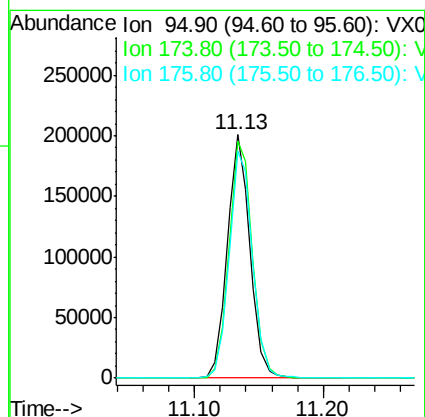
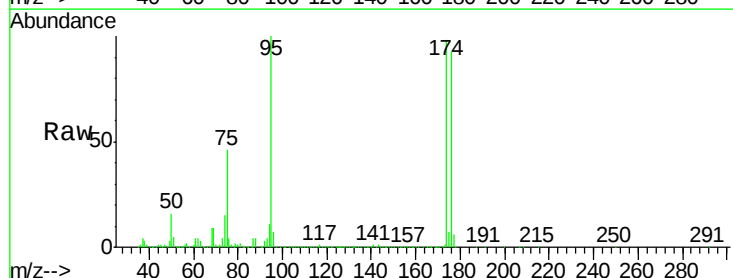
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A3-(3.4)

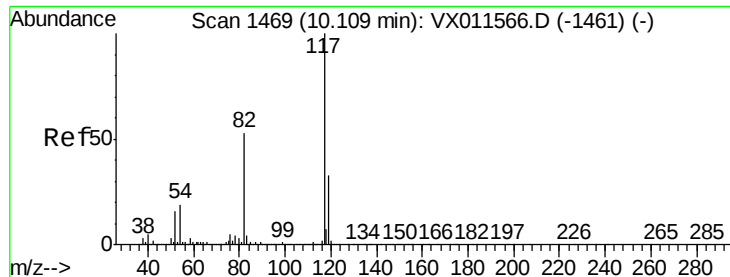
Tot Ion: 98 Resp: 709163
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.937 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011612.D
Acq: 17 Aug 2019 04:32

Tgt Ion: 95 Resp: 247630
Ion Ratio Lower Upper
95 100
174 101.0 0.0 200.6
176 96.2 0.0 196.6

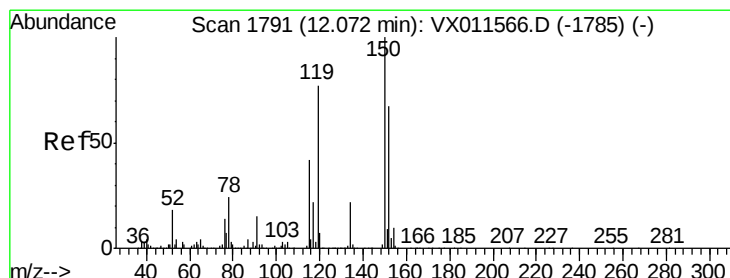
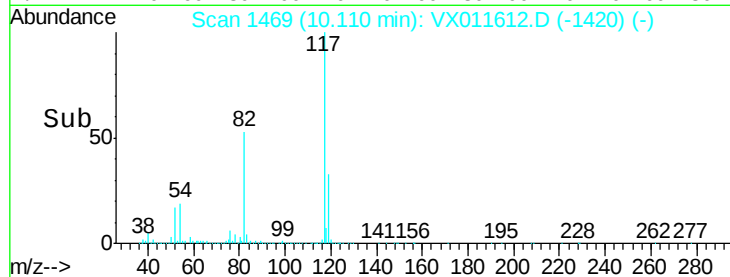
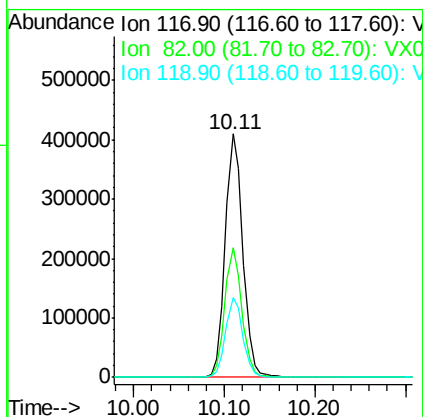
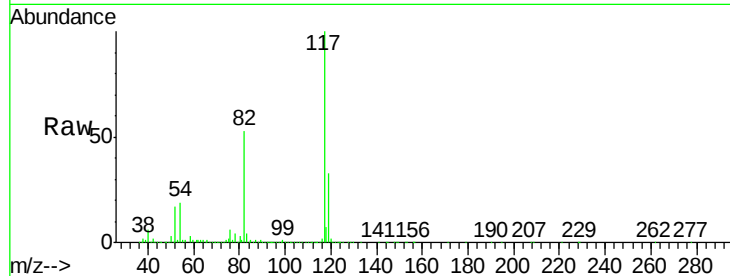




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011612.D
Acq: 17 Aug 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A3-(3.4)

Tot Ion:117 Resp: 553392
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011612.D
Acq: 17 Aug 2019 04:32

Tgt Ion:152 Resp: 268900
Ion Ratio Lower Upper
152 100
115 52.6 37.3 111.9
150 154.2 0.0 346.2

