

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011608.D
 Acq On : 17 Aug 2019 02:58
 Operator : JC/SP
 Sample : K4265-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A3-(0-1)

Quant Time: Aug 19 04:22:57 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

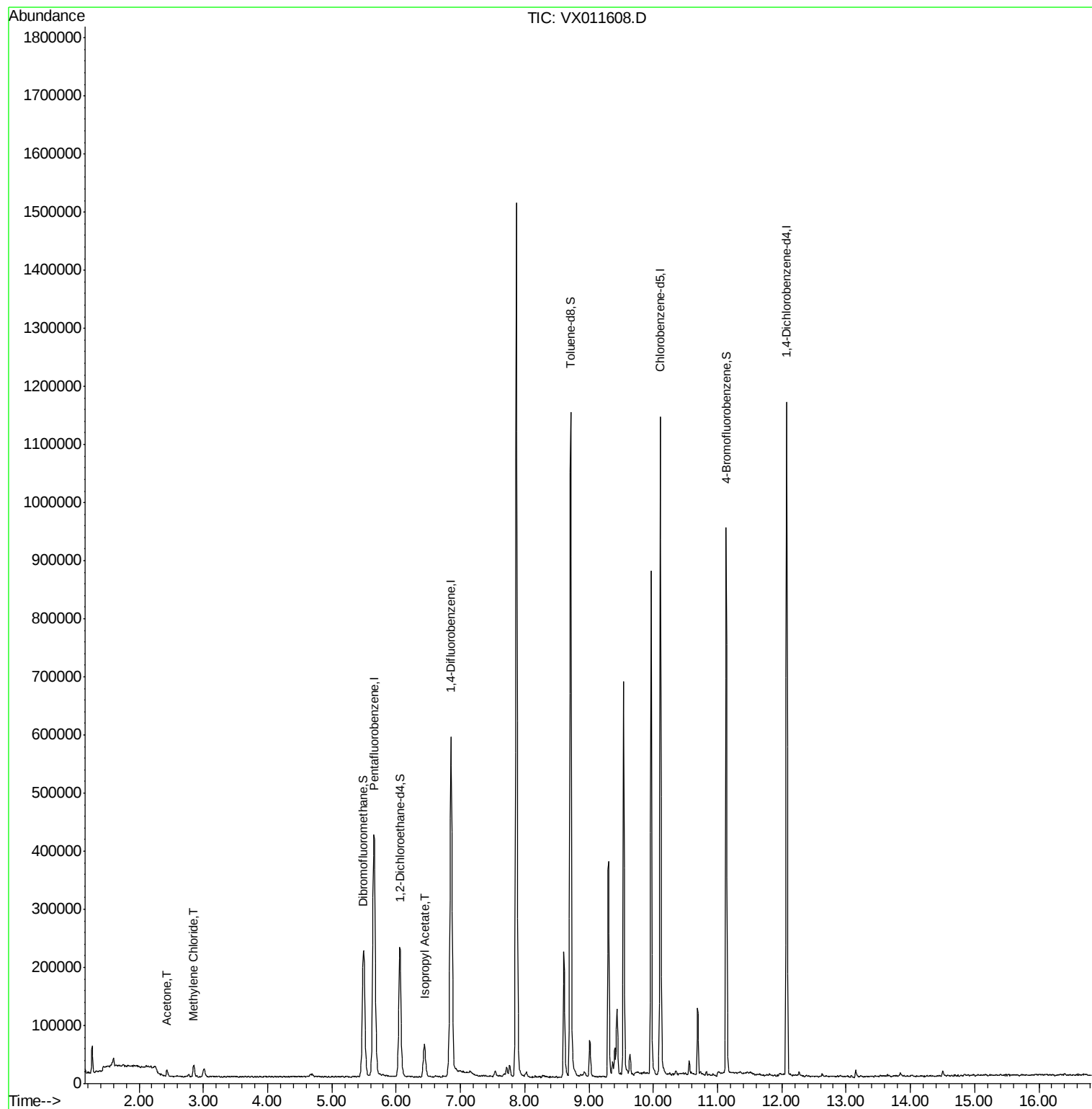
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	456416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	628606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	521422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	215983	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
35) Dibromofluoromethane	5.49	113	186402	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
50) Toluene-d8	8.71	98	717199	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
62) 4-Bromofluorobenzene	11.13	95	231122	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
16) Acetone	2.43	43	12012	5.644	ug/l	100
20) Methylene Chloride	2.85	84	9501	2.126	ug/l	97
43) Isopropyl Acetate	6.44	43	78005	8.086	ug/l	99

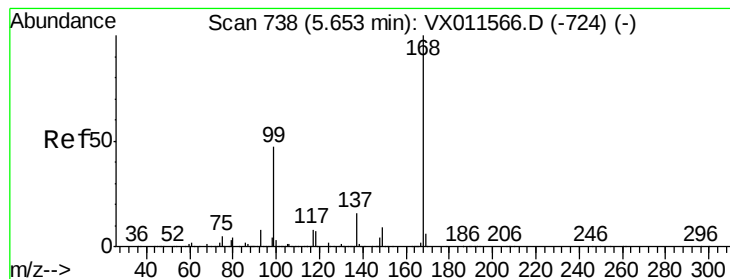
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011608.D

Acq: 17 Aug 2019 02:58

Instrument :

MSVOA_X

ClientSampleId :

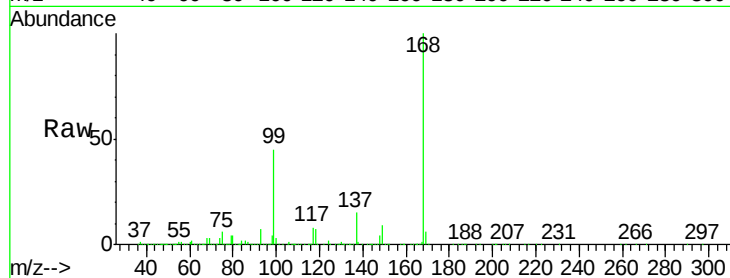
REACTOR-4-A3-(0-1)

Tot Ion:168 Resp: 456416

Ion Ratio Lower Upper

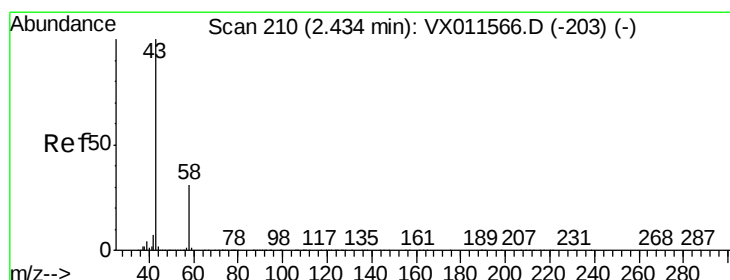
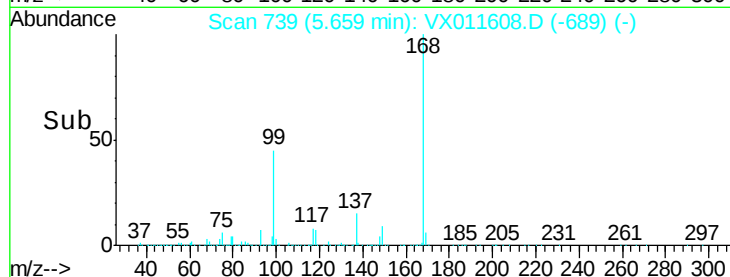
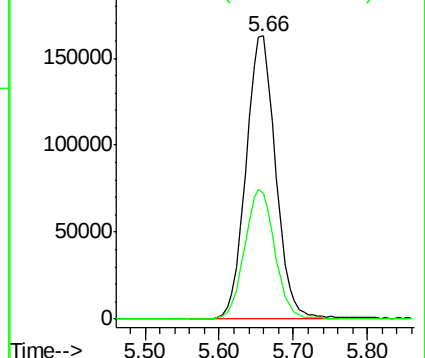
168 100

99 44.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.644 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011608.D

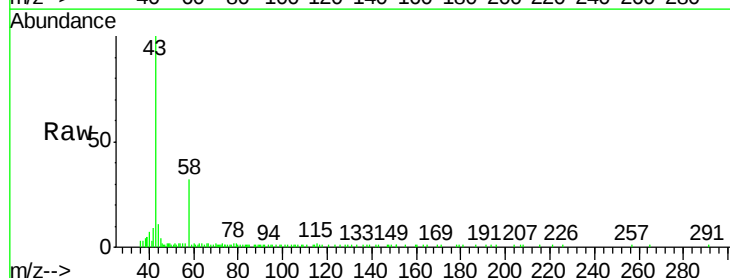
Acq: 17 Aug 2019 02:58

Tgt Ion: 43 Resp: 12012

Ion Ratio Lower Upper

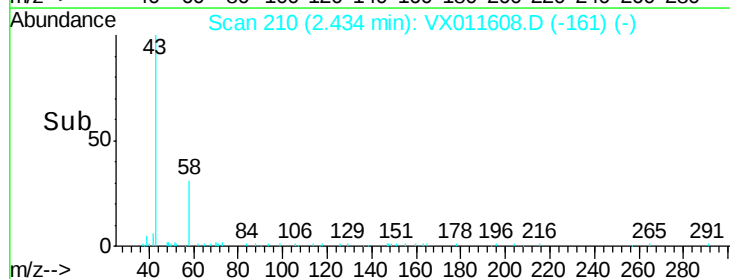
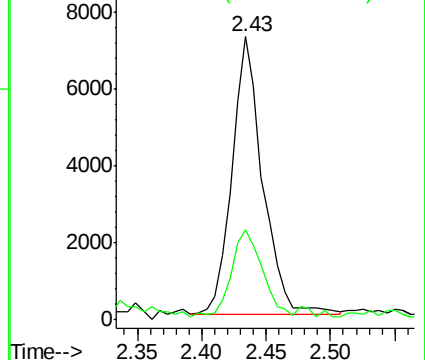
43 100

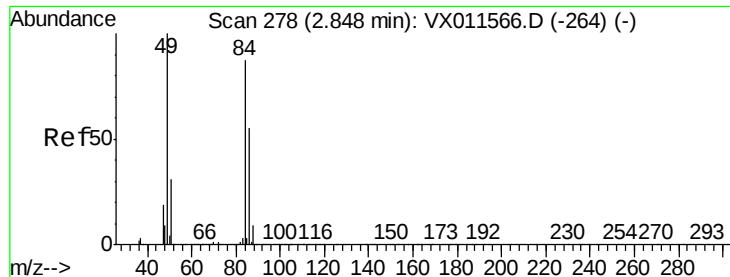
58 31.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

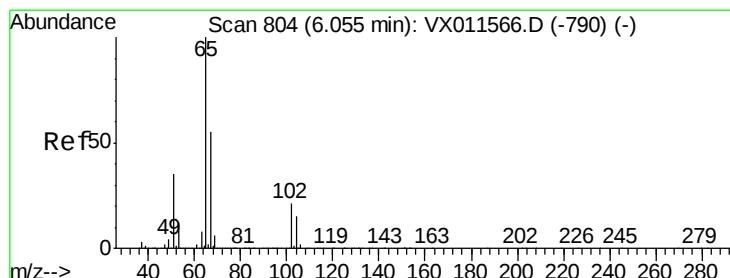
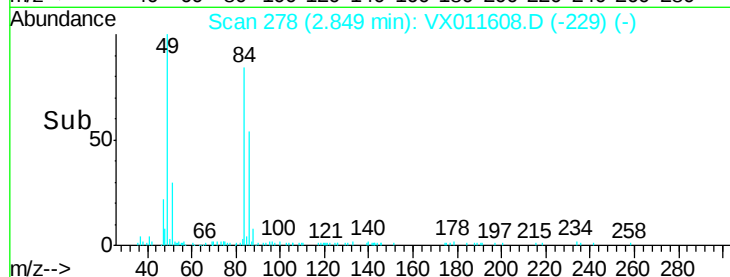
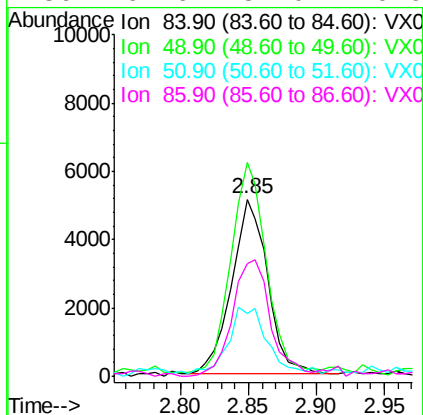
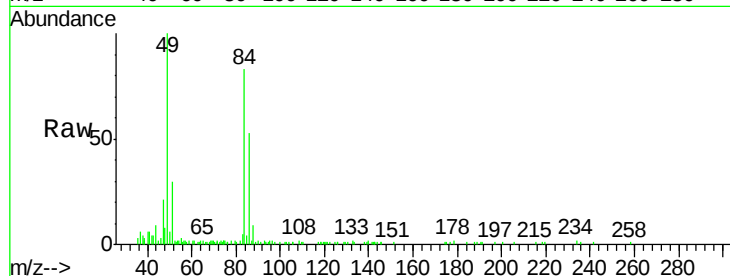




#20
Methvlene Chloride
Concen: 2.126 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011608.D
Acq: 17 Aug 2019 02:58

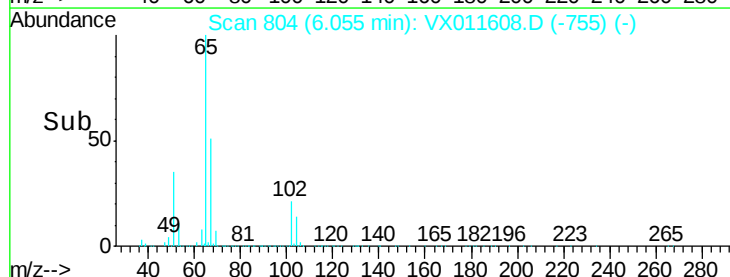
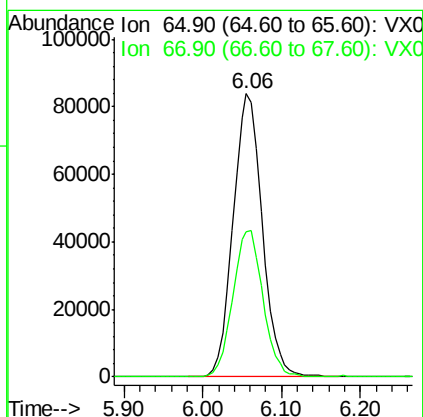
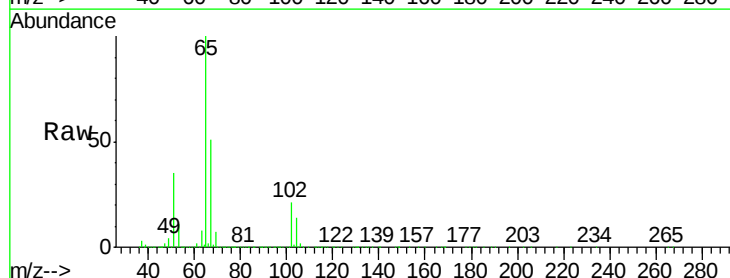
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A3-(0-1)

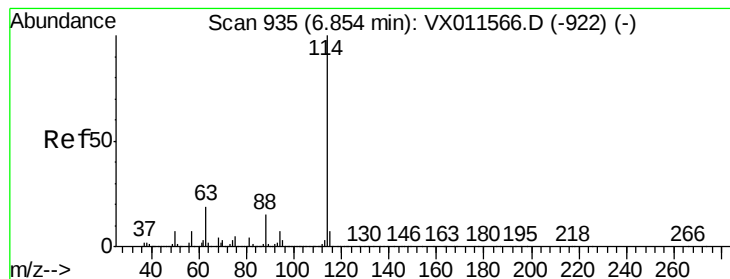
Tot Ion:	84	Resp:	9501
Ion	Ratio	Lower	Upper
84	100		
49	120.0	92.4	138.6
51	35.0	28.5	42.7
86	64.6	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 51.028 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011608.D
Acq: 17 Aug 2019 02:58

Tgt Ion:	65	Resp:	215983
Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VX011608.D

Acq: 17 Aug 2019 02:58

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A3-(0-1)

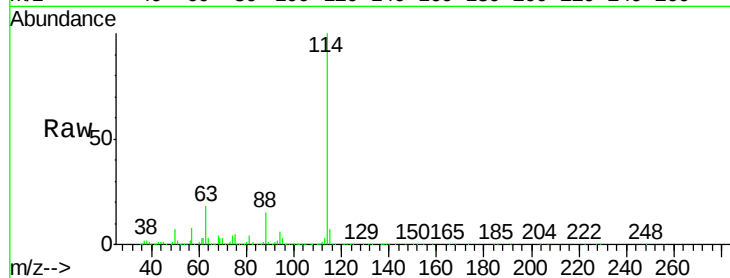
Tot Ion:114 Resp: 628606

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.8

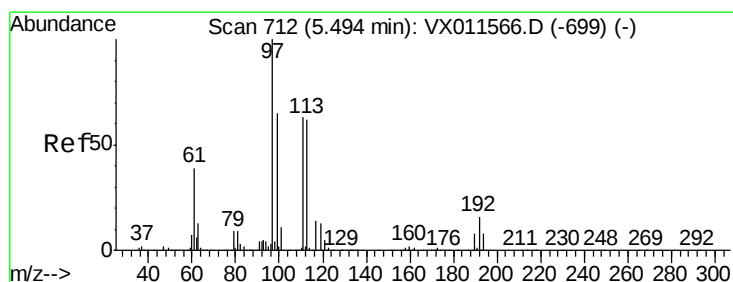
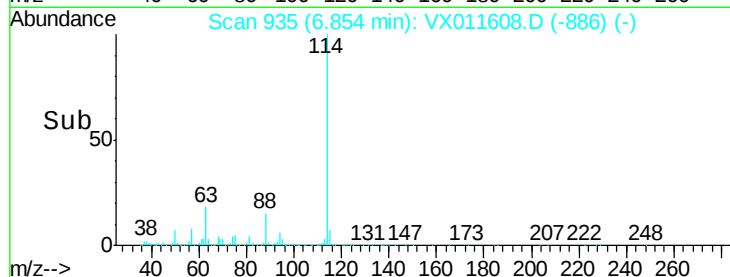
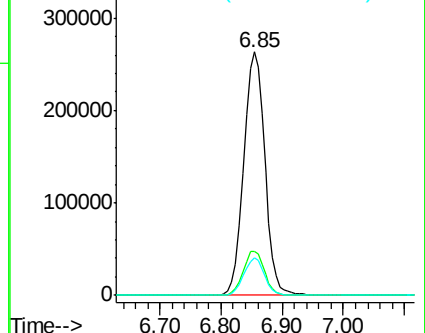
88 15.2 0.0 30.2



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: 45.337 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011608.D

Acq: 17 Aug 2019 02:58

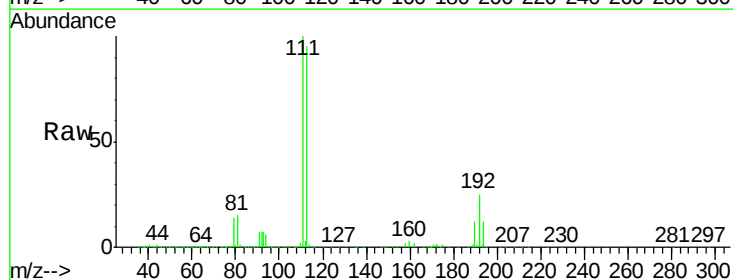
Tgt Ion:113 Resp: 186402

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

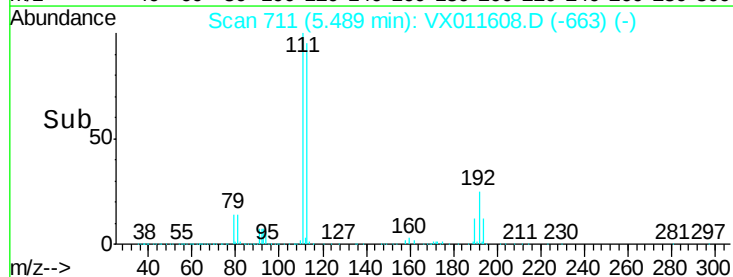
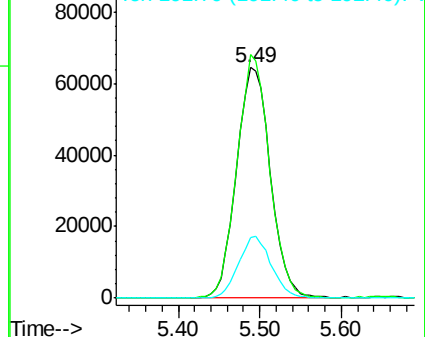
192 26.0 20.8 31.2

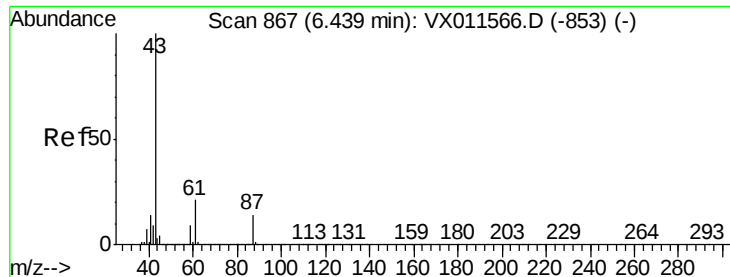


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



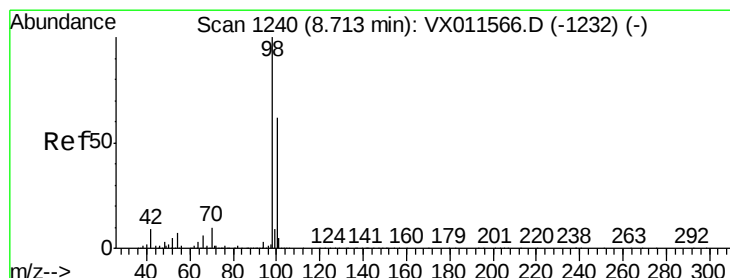
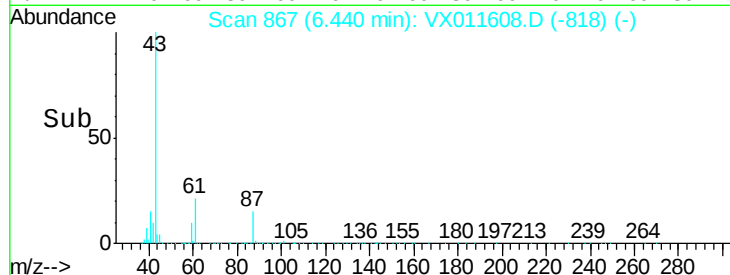
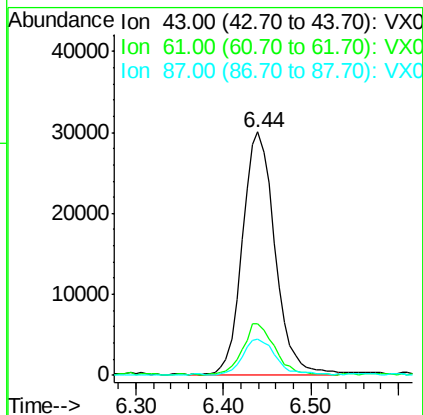
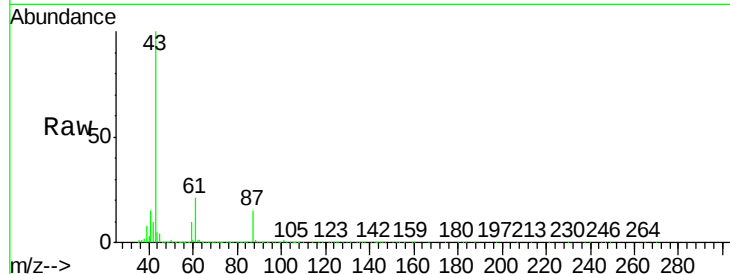


#43

Isopropyl Acetate
 Concen: 8.086 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011608.D
 Acq: 17 Aug 2019 02:58

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-4-A3-(0-1)

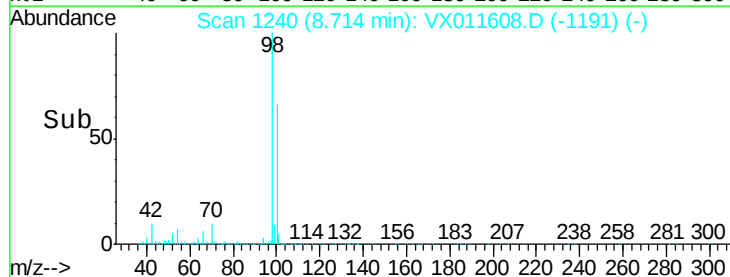
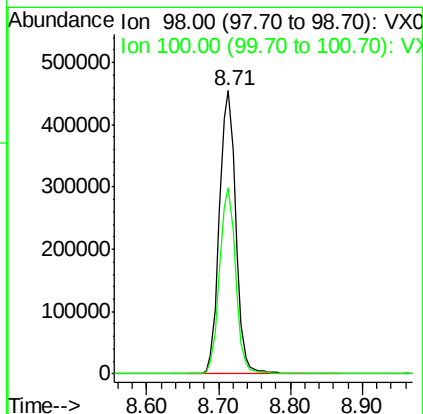
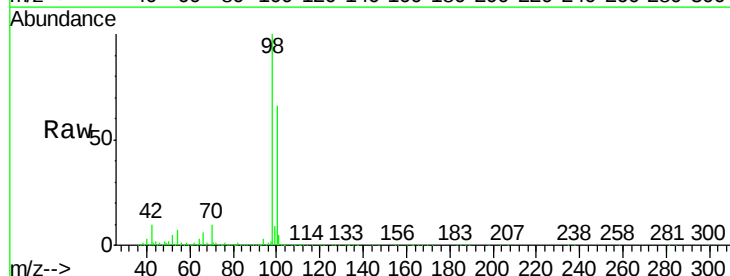
Tot Ion	43	Resp	78005
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.6	24.8
87	14.9	11.4	17.2

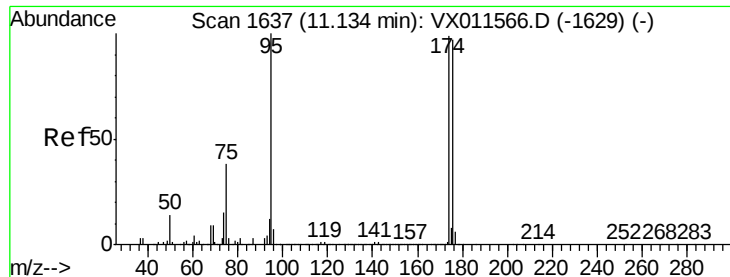


#50

Toluene-d8
 Concen: 55.984 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011608.D
 Acq: 17 Aug 2019 02:58

Tgt Ion	98	Resp	717199
Ion Ratio	Lower	Upper	
98	100		
100	64.7	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 42.743 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011608.D

Acq: 17 Aug 2019 02:58

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A3-(0-1)

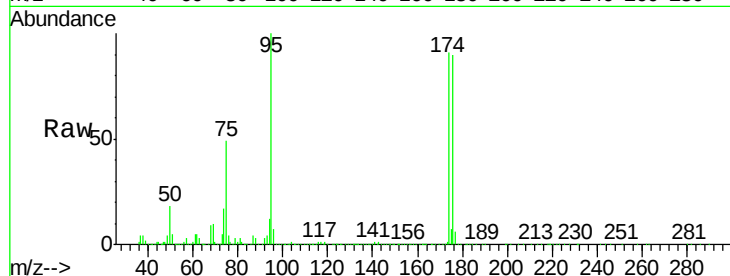
Tot Ion: 95 Resp: 231122

Ion Ratio Lower Upper

95 100

174 92.8 0.0 200.6

176 91.1 0.0 196.6

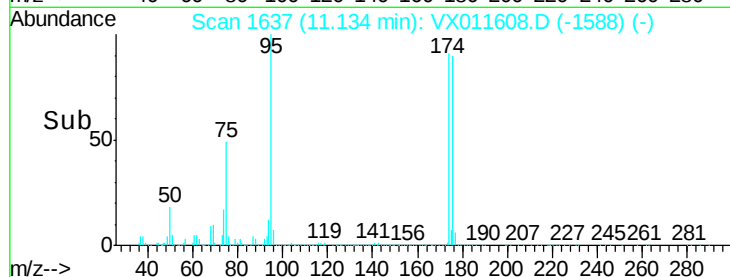


Abundance Ion 94.90 (94.60 to 95.60): VX011566.D (-1629) (-)

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

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

Time-->



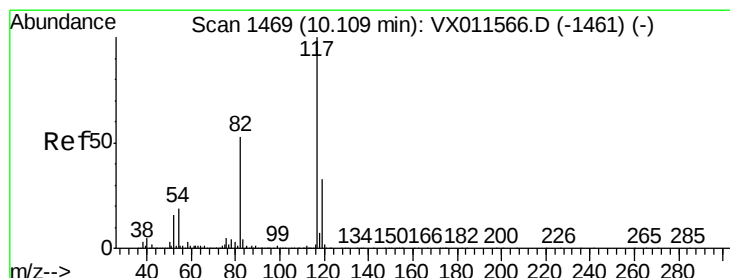
Abundance

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) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011608.D

Acq: 17 Aug 2019 02:58

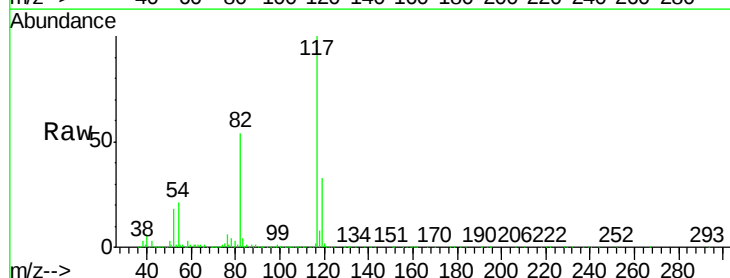
Tgt Ion: 117 Resp: 521422

Ion Ratio Lower Upper

117 100

82 53.7 42.0 63.0

119 33.4 26.5 39.7

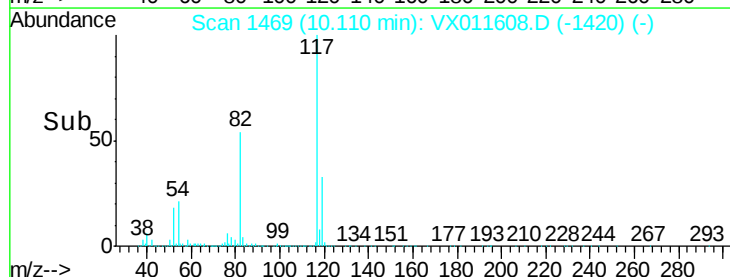


Abundance Ion 116.90 (116.60 to 117.60): VX011566.D (-1461) (-)

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

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

Time-->



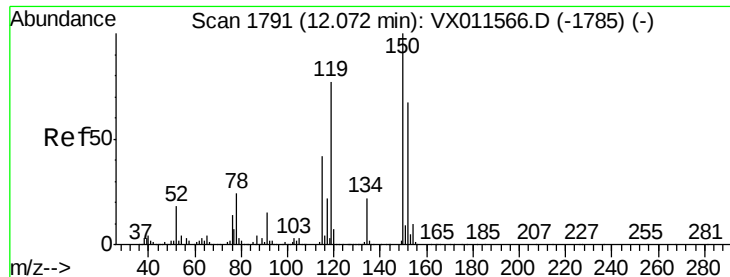
Abundance

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) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011608.D

Acq: 17 Aug 2019 02:58

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-4-A3-(0-1)

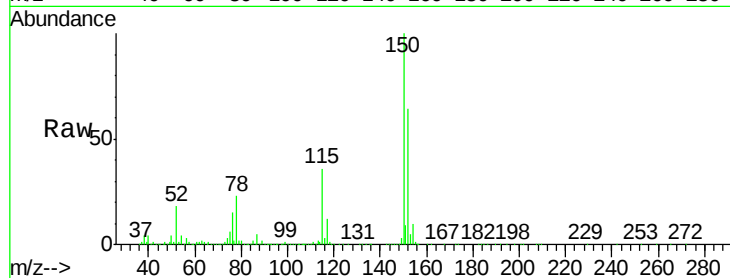
Tot Ion:152 Resp: 261899

Ion Ratio Lower Upper

152 100

115 53.8 37.3 111.9

150 154.9 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

