

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011513.D
 Acq On : 13 Aug 2019 03:33
 Operator : JC/SP
 Sample : K4231-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-3-F-(3)

Quant Time: Aug 13 09:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

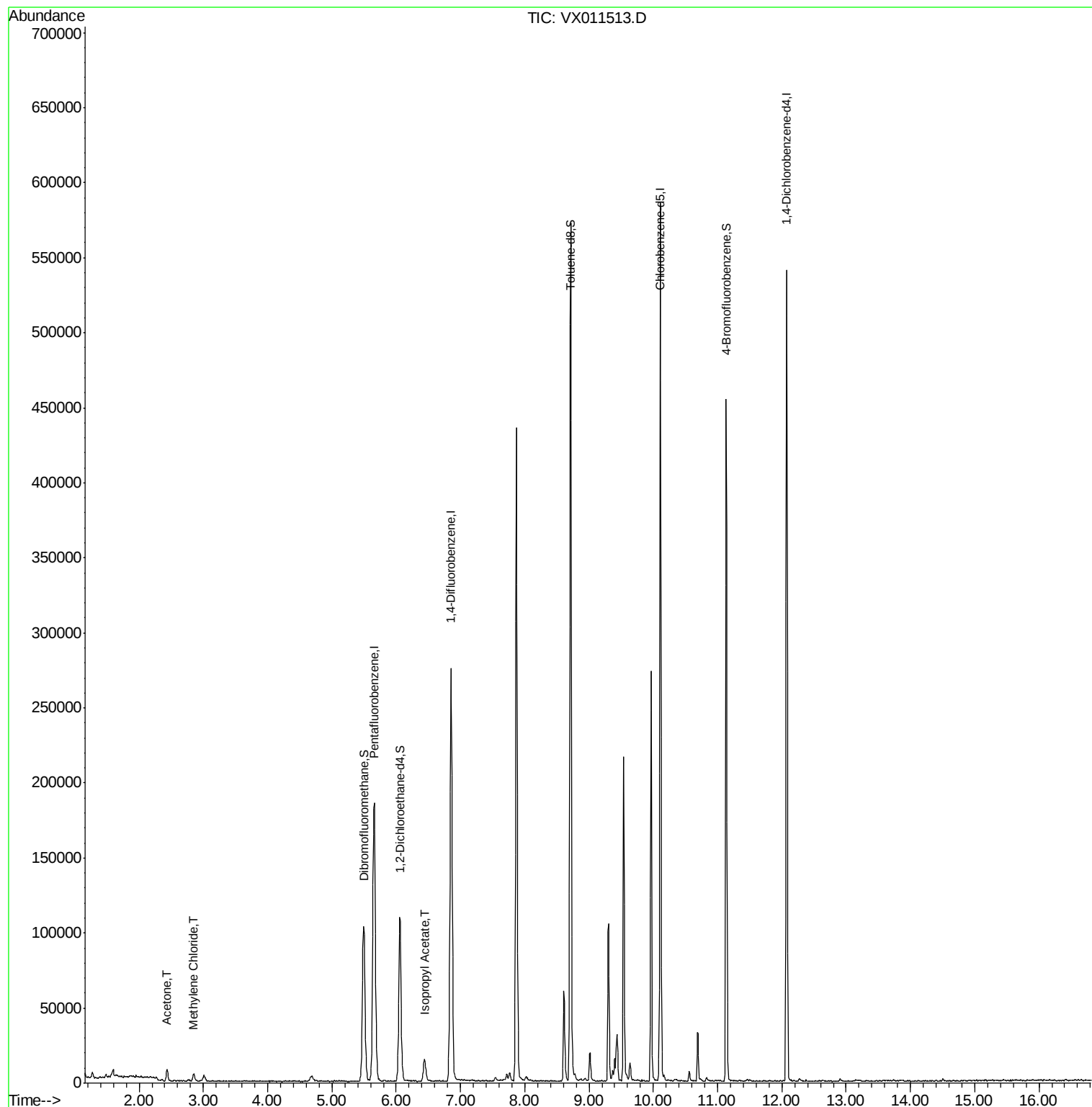
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104392	56.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.52%	
35) Dibromofluoromethane	5.49	113	87669	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	332181	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.13	95	110873	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
Target Compounds						
16) Acetone	2.43	43	8706	9.945	ug/l	96
20) Methylene Chloride	2.85	84	2217	1.156	ug/l	90
43) Isopropyl Acetate	6.43	43	20886	5.328	ug/l	99

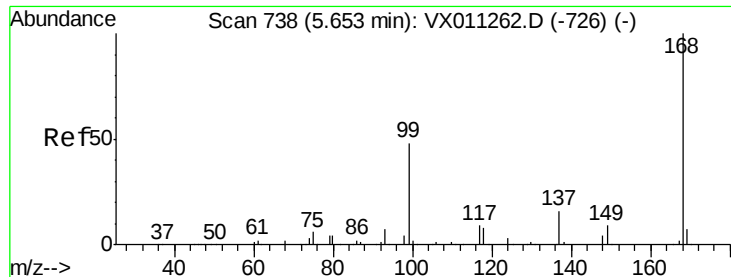
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081219\
Data File : VX011513.D
Acq On : 13 Aug 2019 03:33
Operator : JC/SP
Sample : K4231-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F-(3)

Quant Time: Aug 13 09:30:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 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: VX011513.D

Acq: 13 Aug 2019 03:33

Instrument :

MSVOA_X

ClientSampleId :

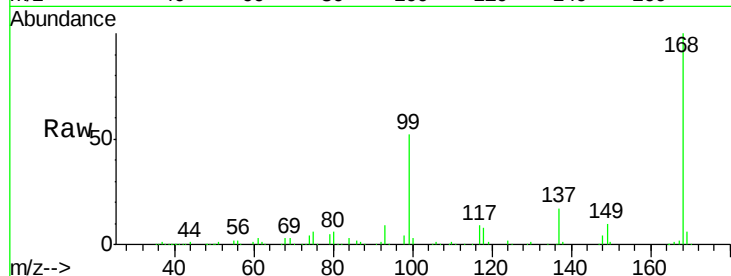
REACTOR-3-F(3)

Tot Ion:168 Resp: 182639

Ion Ratio Lower Upper

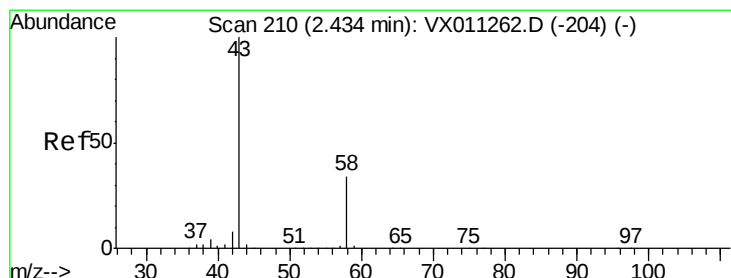
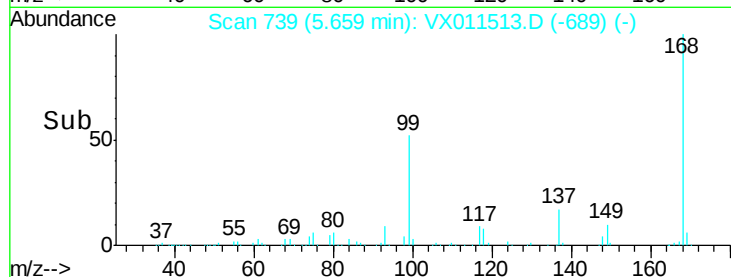
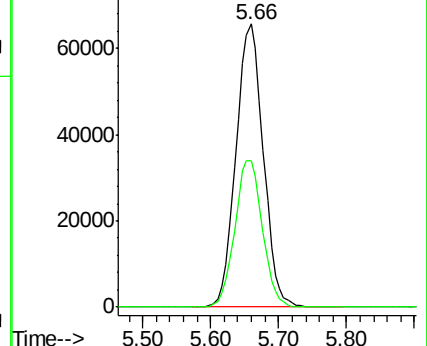
168 100

99 51.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.945 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011513.D

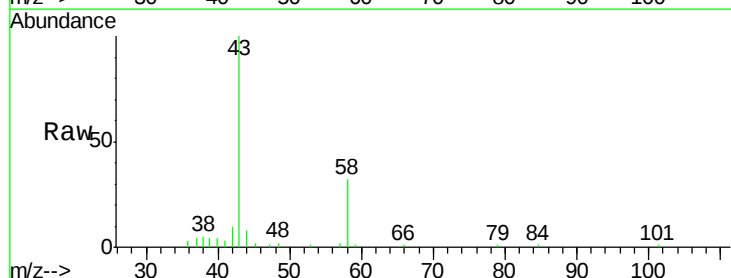
Acq: 13 Aug 2019 03:33

Tgt Ion: 43 Resp: 8706

Ion Ratio Lower Upper

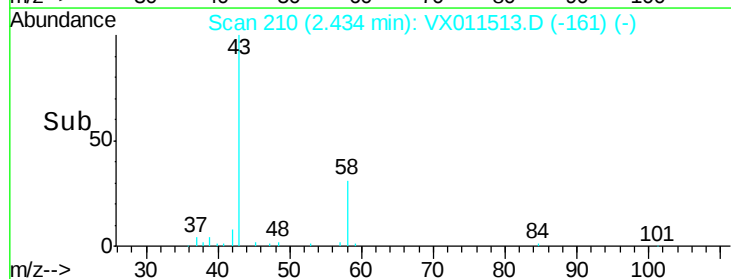
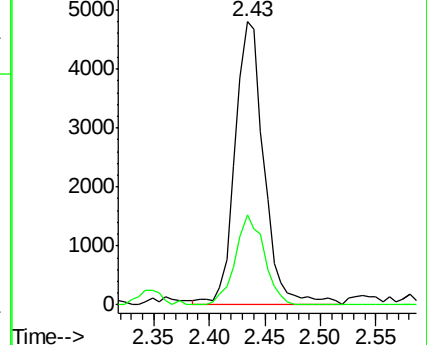
43 100

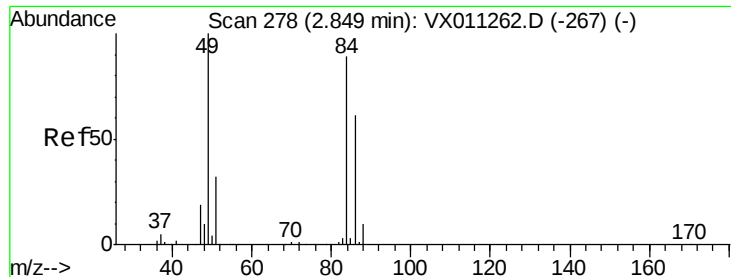
58 31.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 1.156 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011513.D

Acq: 13 Aug 2019 03:33

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-3-F(3)

Tot Ion: 84 Resp: 2217

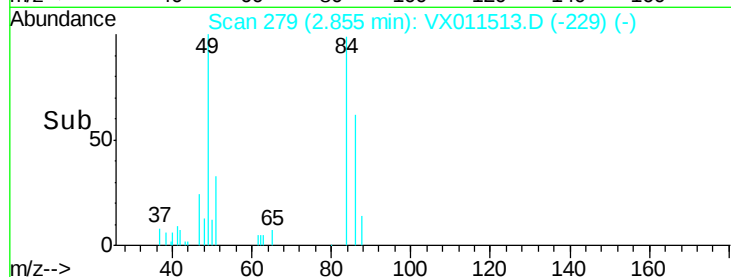
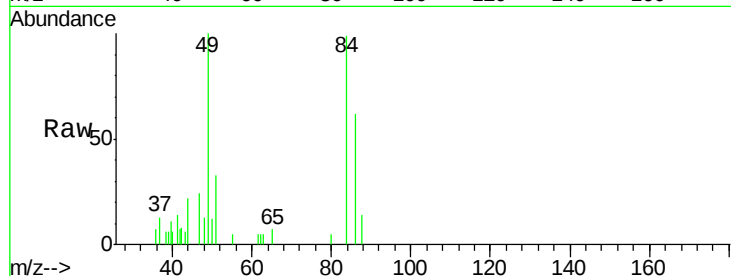
Ion	Ratio	Lower	Upper
84	100		
49	96.8	89.3	133.9
51	33.8	28.3	42.5
86	62.8	54.5	81.7

84 100

49 96.8 89.3 133.9

51 33.8 28.3 42.5

86 62.8 54.5 81.7

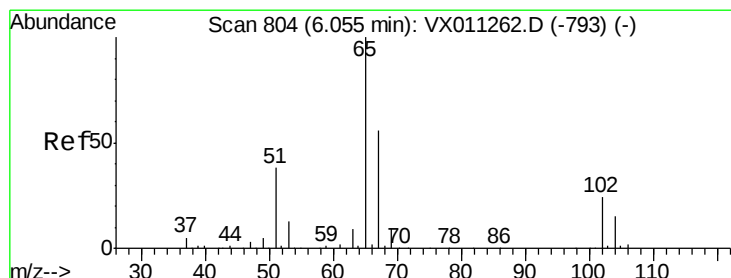
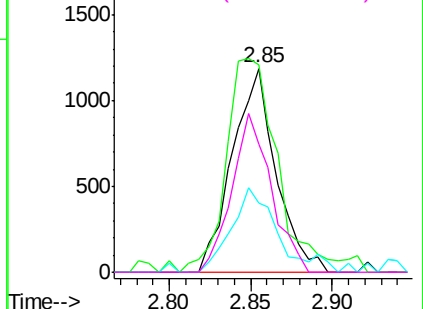


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 56.757 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011513.D

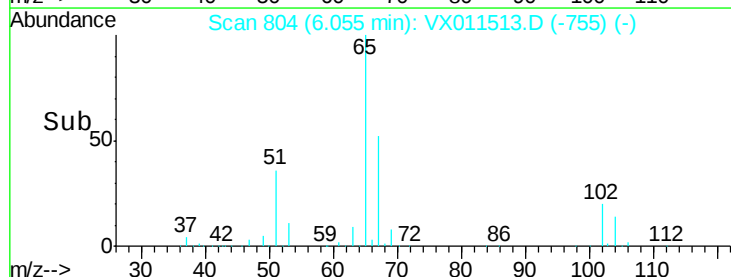
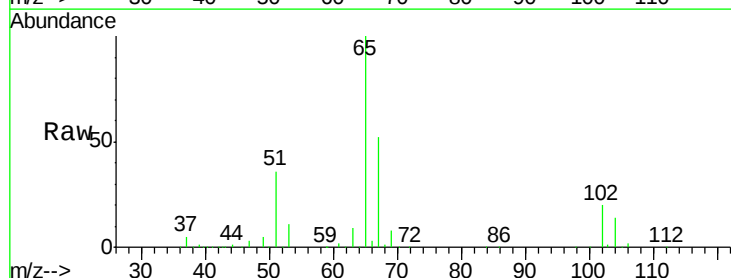
Acq: 13 Aug 2019 03:33

Tgt Ion: 65 Resp: 104392

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	110.6

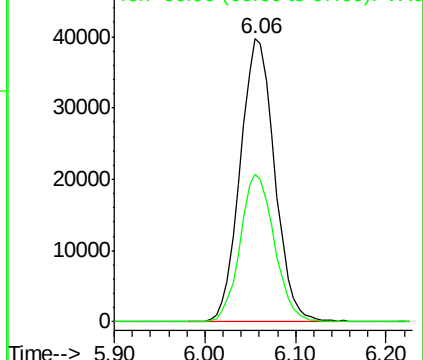
65 100

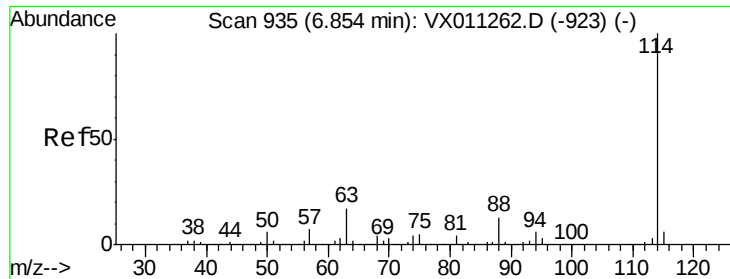
67 51.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

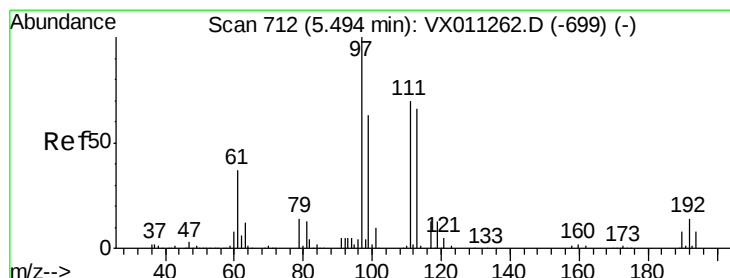
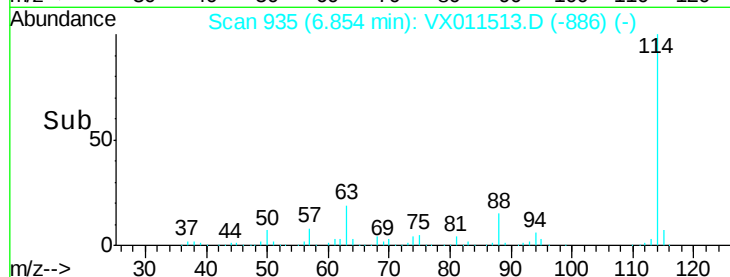
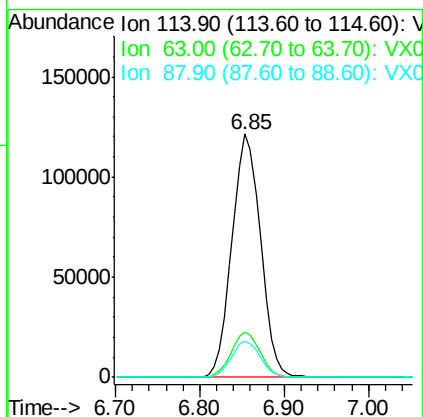
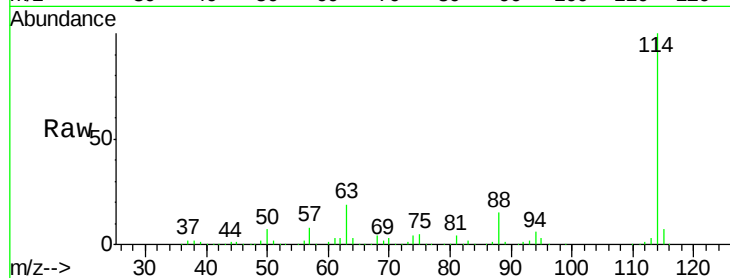




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011513.D
 Acq: 13 Aug 2019 03:33

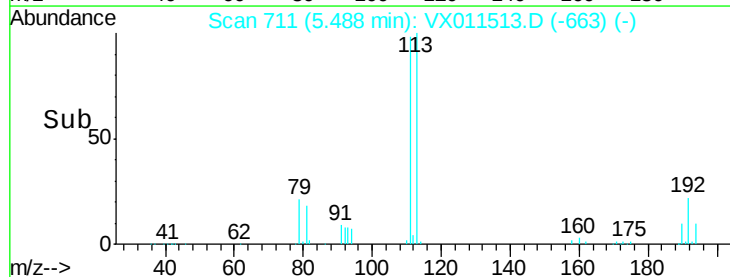
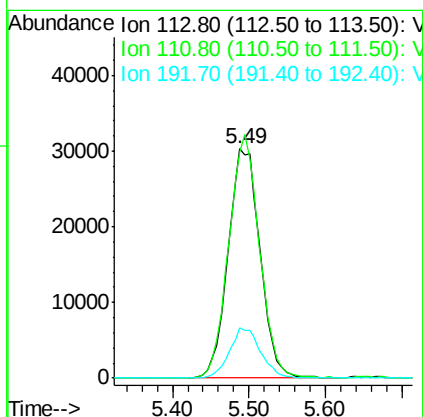
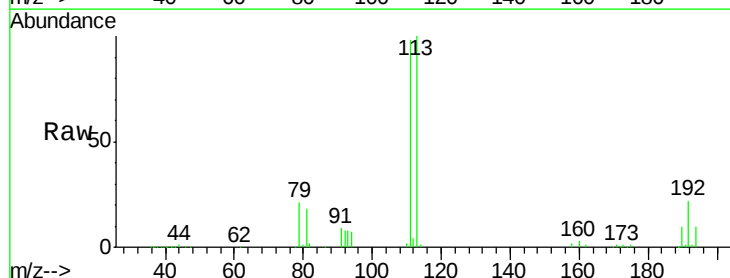
Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-3-F(3)

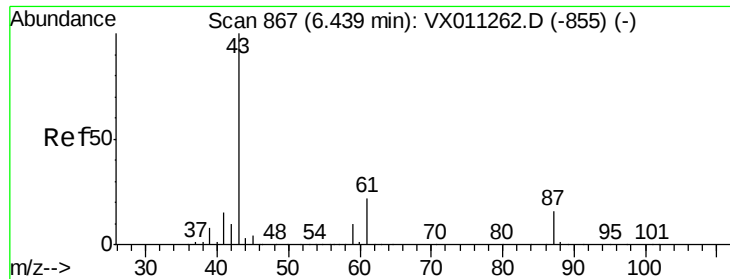
Tot Ion:114 Resp: 279967
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 14.8 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 47.963 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011513.D
 Acq: 13 Aug 2019 03:33

Tgt Ion:113 Resp: 87669
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 21.3 17.8 26.8





#43

Isopropyl Acetate

Concen: 5.328 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011513.D

Acq: 13 Aug 2019 03:33

Instrument :

MSVOA_X

ClientSampleId :

REACTOR-3-F(3)

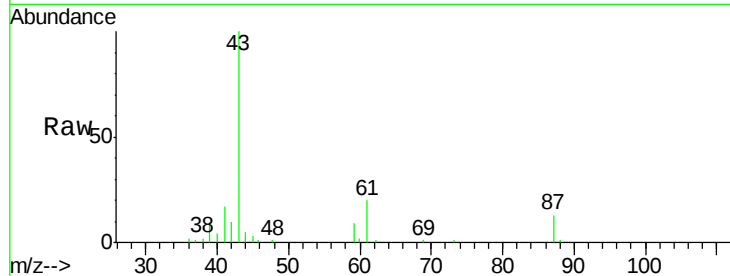
Tot Ion: 43 Resp: 20886

Ion Ratio Lower Upper

43 100

61 19.9 16.5 24.7

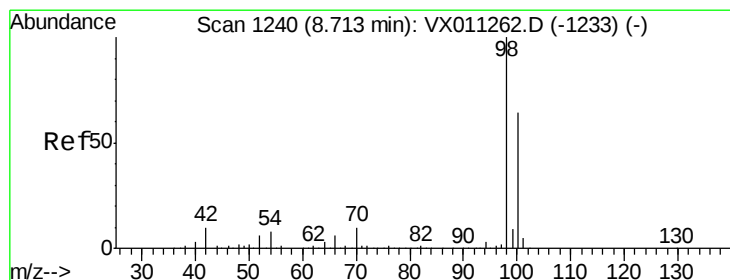
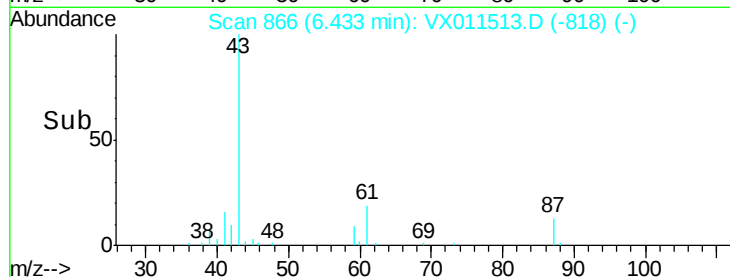
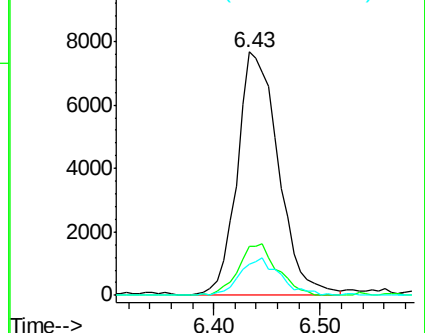
87 14.8 12.1 18.1



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: 48.145 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011513.D

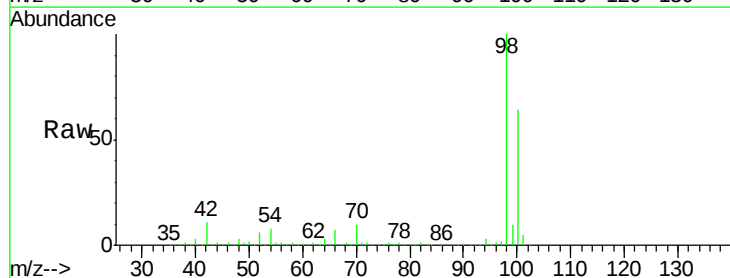
Acq: 13 Aug 2019 03:33

Tgt Ion: 98 Resp: 332181

Ion Ratio Lower Upper

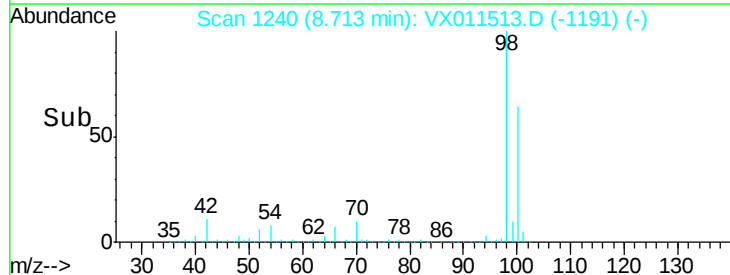
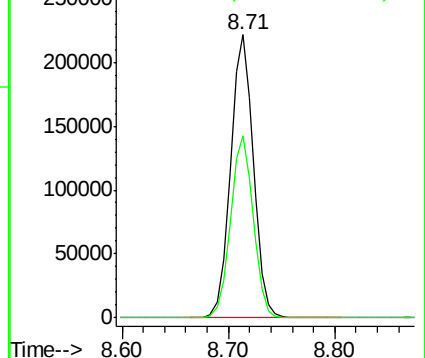
98 100

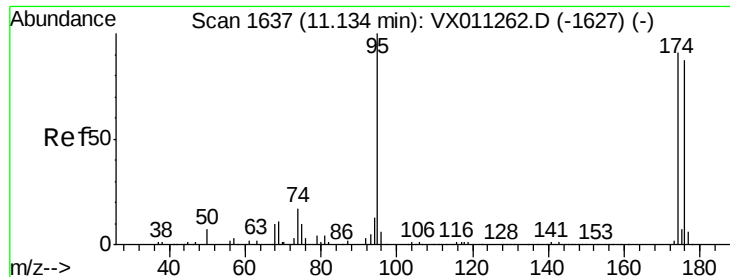
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

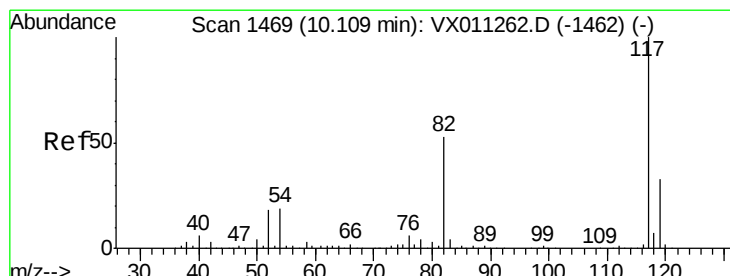
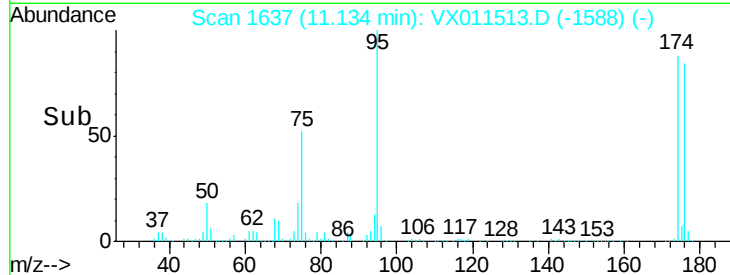
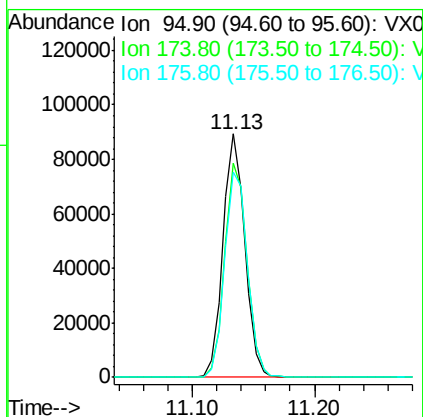
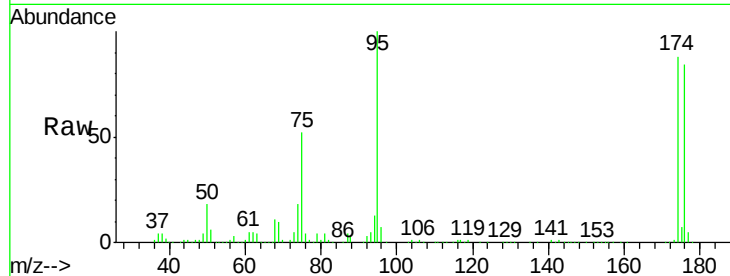




#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

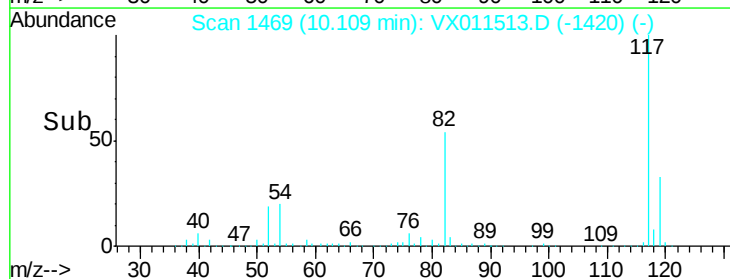
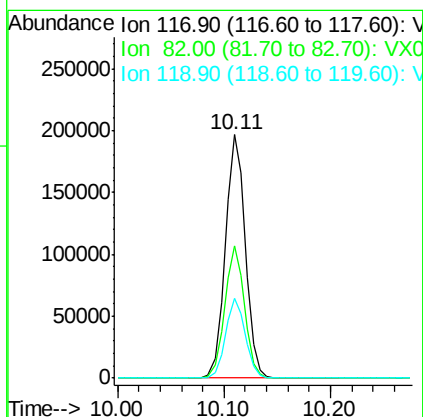
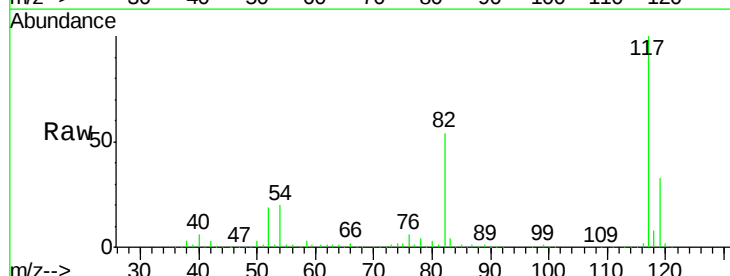
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3-F(3)

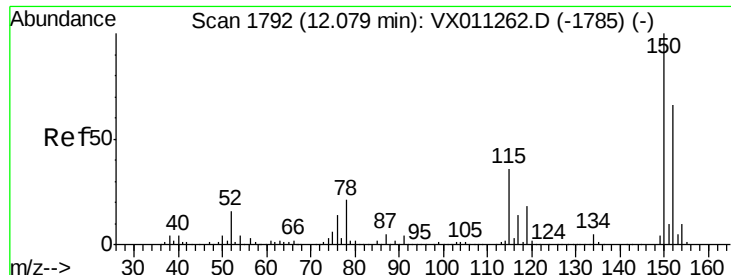
Tot Ion: 95 Resp: 110873
Ion Ratio Lower Upper
95 100
174 89.7 0.0 191.2
176 87.7 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011513.D
Acq: 13 Aug 2019 03:33

Tgt Ion: 117 Resp: 258539
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.2
119 32.6 26.6 39.8

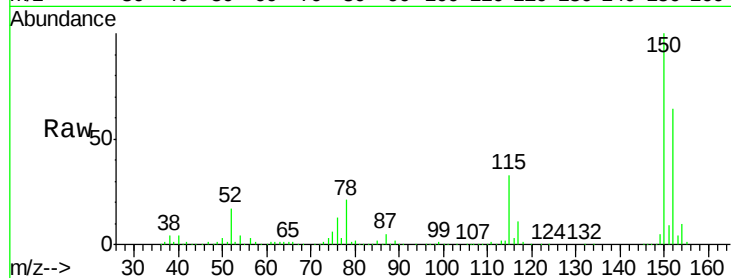




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011513.D
 Acq: 13 Aug 2019 03:33

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-3-F-(3)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.0	119.9
150	157.5	0.0	350.4



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

