

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011506.D
 Acq On : 13 Aug 2019 00:49
 Operator : JC/SP
 Sample : K4230-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-3A-(2)

Quant Time: Aug 13 09:17:13 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

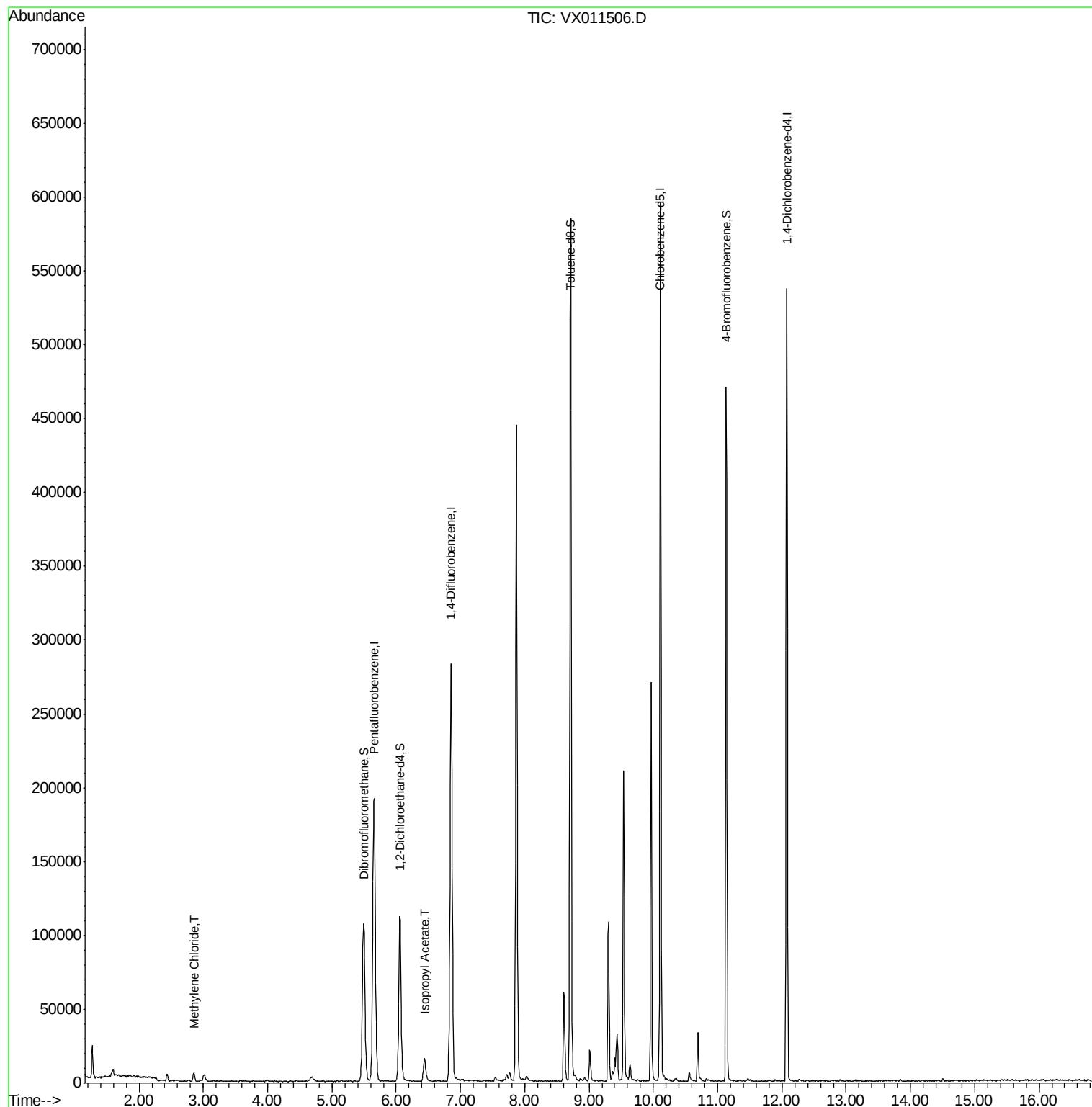
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	191034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106670	55.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.90%	
35) Dibromofluoromethane	5.49	113	88766	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	346392	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.13	95	112202	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
Target Compounds						
20) Methylene Chloride	2.85	84	2309	1.151	ug/l	90
43) Isopropyl Acetate	6.45	43	20746	5.128	ug/l	98

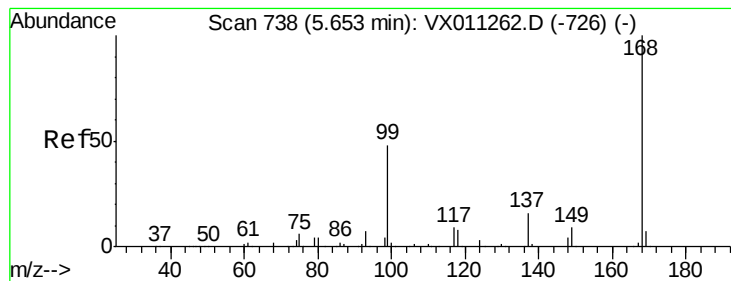
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081219\
Data File : VX011506.D
Acq On : 13 Aug 2019 00:49
Operator : JC/SP
Sample : K4230-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(2)

Quant Time: Aug 13 09:17:13 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: VX011506.D

Acq: 13 Aug 2019 00:49

Instrument :

MSVOA_X

ClientSampleId :

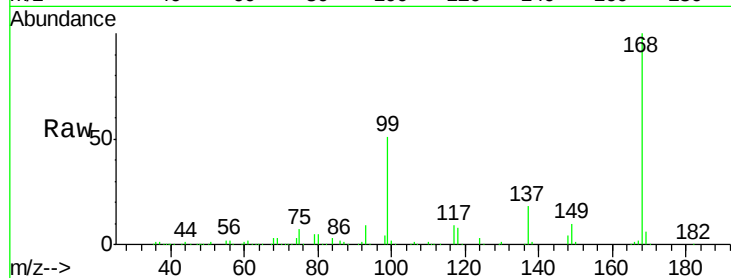
REACTOR-3A-(2)

Tot Ion:168 Resp: 191034

Ion Ratio Lower Upper

168 100

99 51.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

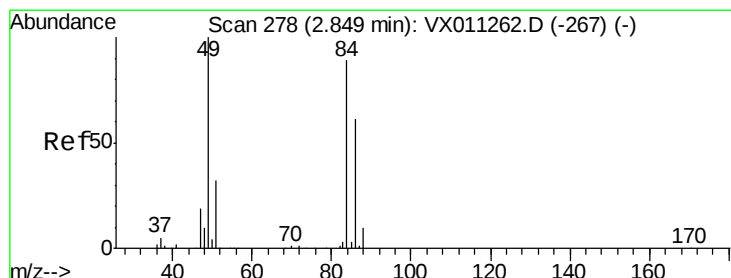
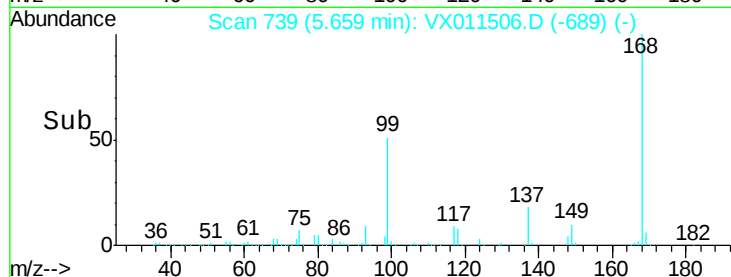
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.151 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011506.D

Acq: 13 Aug 2019 00:49

Tgt Ion: 84 Resp: 2309

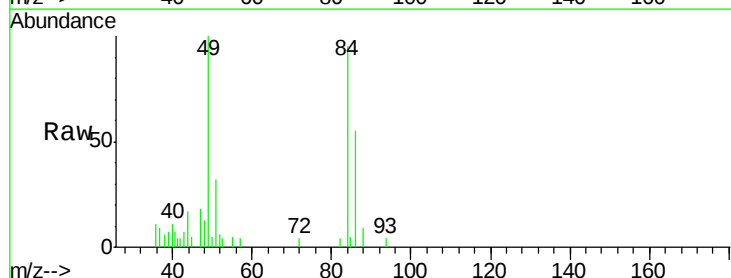
Ion Ratio Lower Upper

84 100

49 99.5 89.3 133.9

51 34.1 28.3 42.5

86 58.2 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

2000

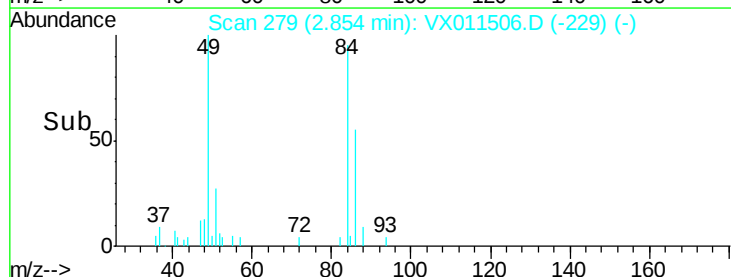
1500

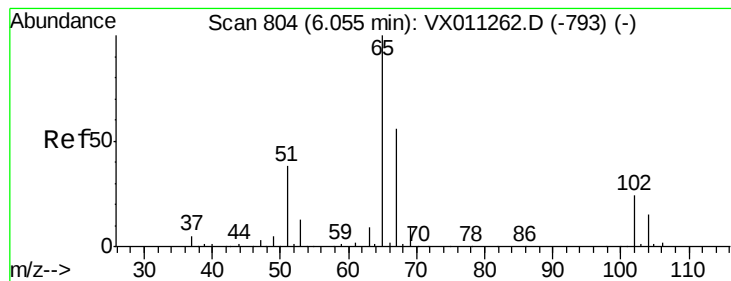
1000

500

0

Time--> 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 55.447 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011506.D

Acq: 13 Aug 2019 00:49

Instrument :

MSVOA_X

ClientSampleId :

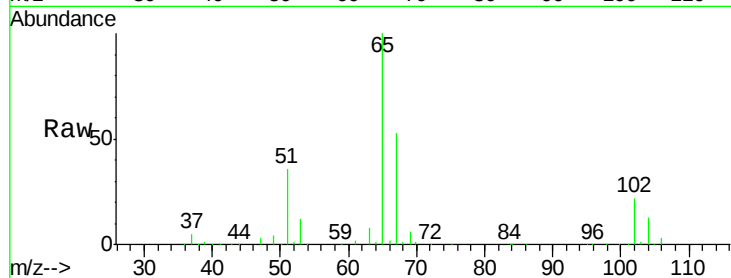
REACTOR-3A-(2)

Tot Ion: 65 Resp: 106670

Ion Ratio Lower Upper

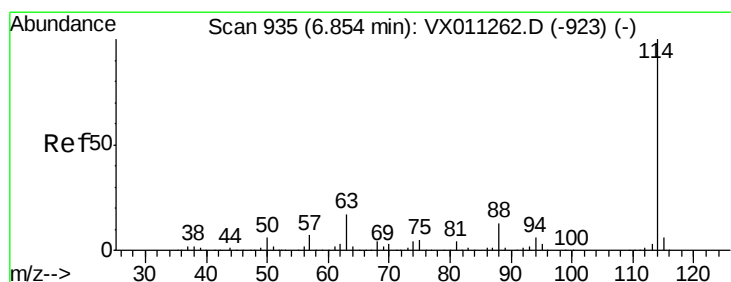
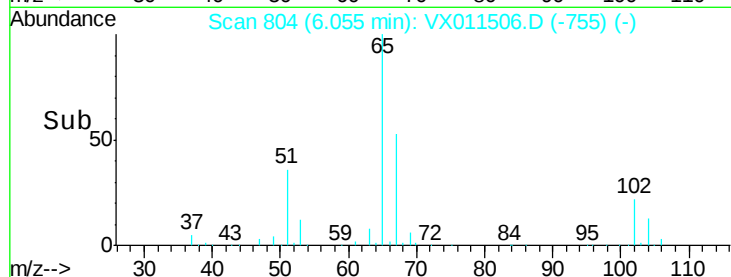
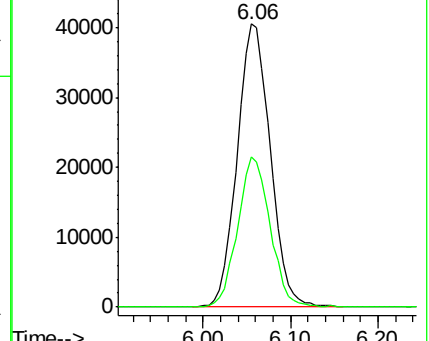
65 100

67 51.9 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: VX011506.D

Acq: 13 Aug 2019 00:49

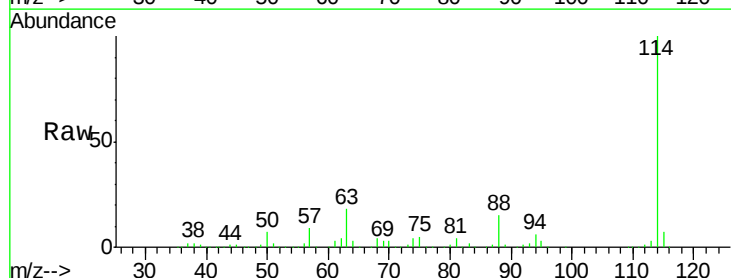
Tgt Ion: 114 Resp: 288935

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

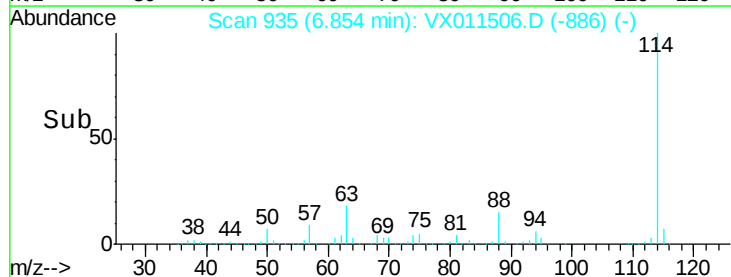
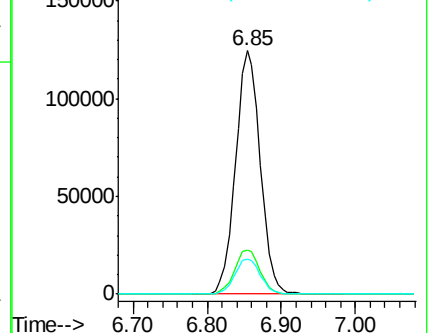
88 14.6 0.0 26.4

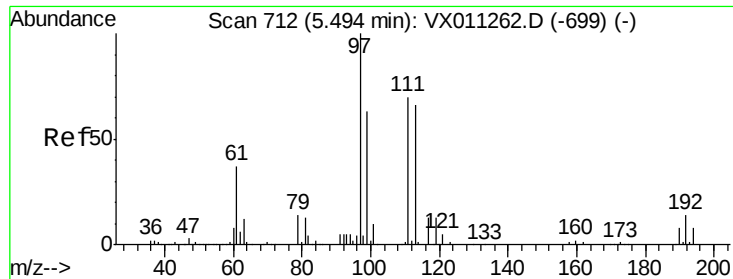


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

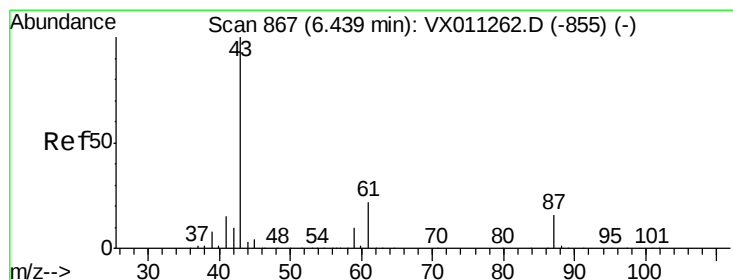
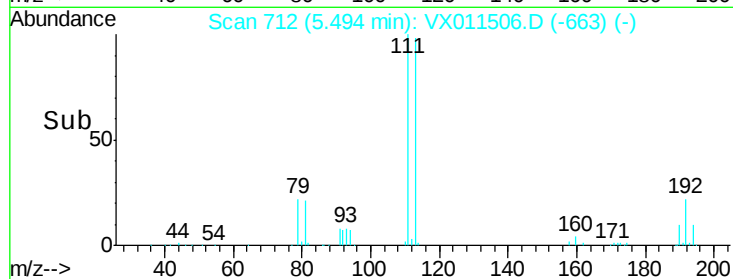
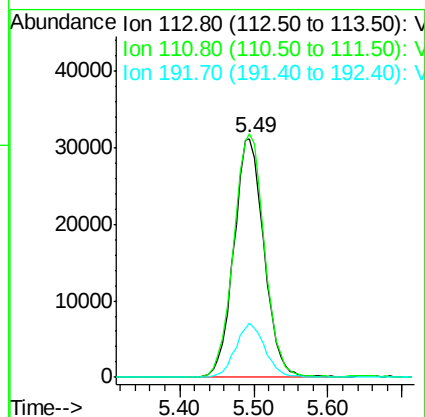
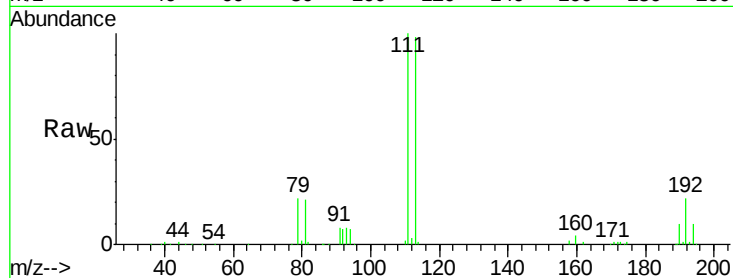




#35
 Dibromofluoromethane
 Concen: 47.056 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011506.D
 Acq: 13 Aug 2019 00:49

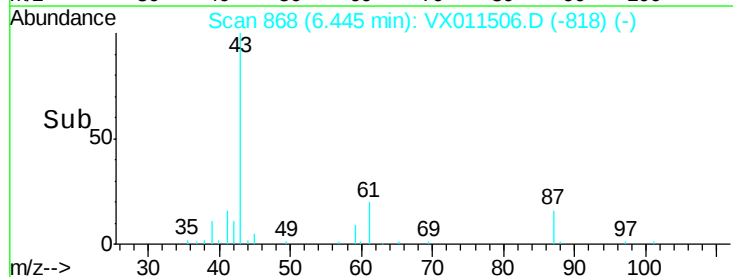
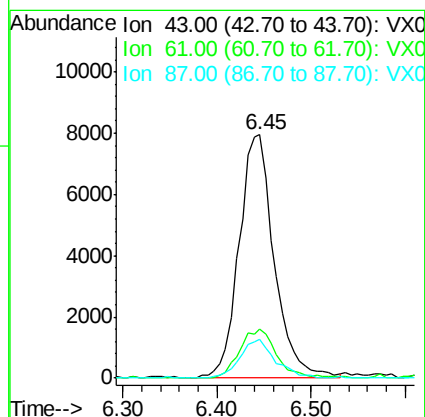
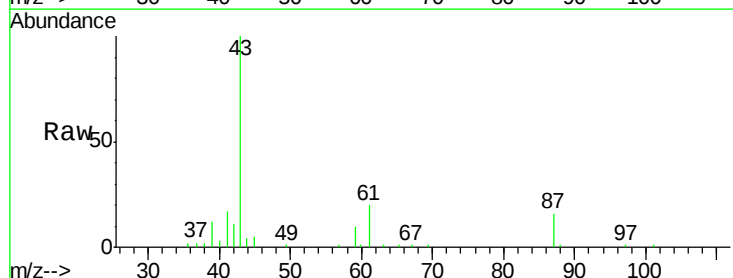
Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-3A-(2)

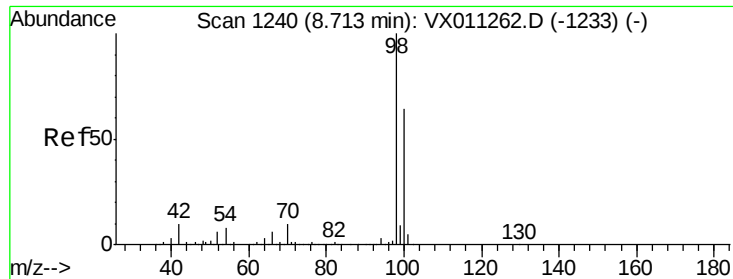
Tot Ion:113 Resp: 88766
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.9 122.9
 192 22.1 17.8 26.8



#43
 Isopropyl Acetate
 Concen: 5.128 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VX011506.D
 Acq: 13 Aug 2019 00:49

Tgt Ion: 43 Resp: 20746
 Ion Ratio Lower Upper
 43 100
 61 21.3 16.5 24.7
 87 15.9 12.1 18.1

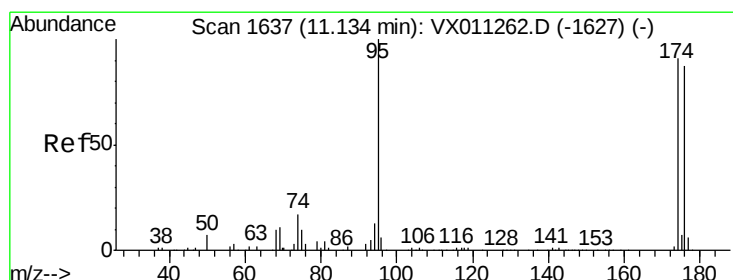
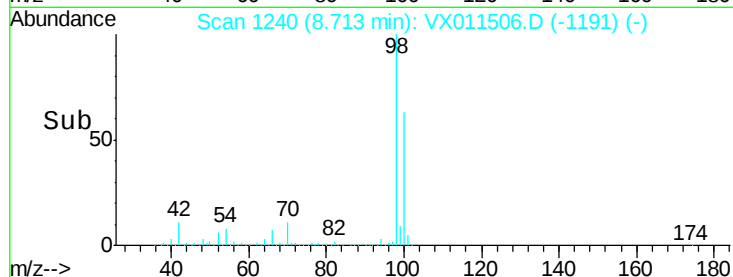
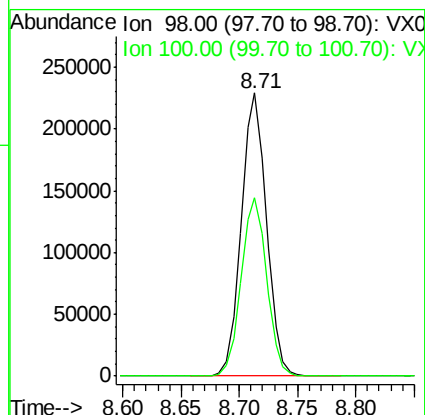
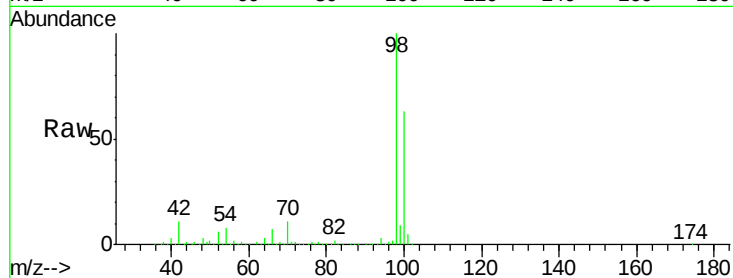




#50
Toluene-d8
Concen: 48.647 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011506.D
Acq: 13 Aug 2019 00:49

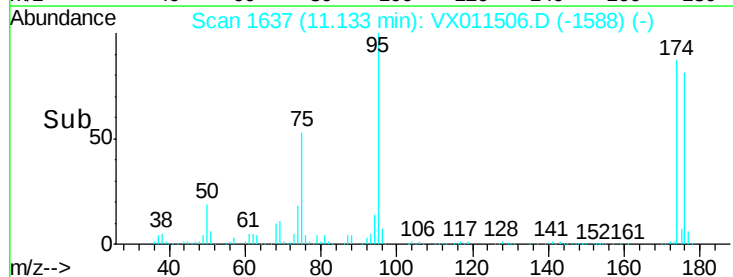
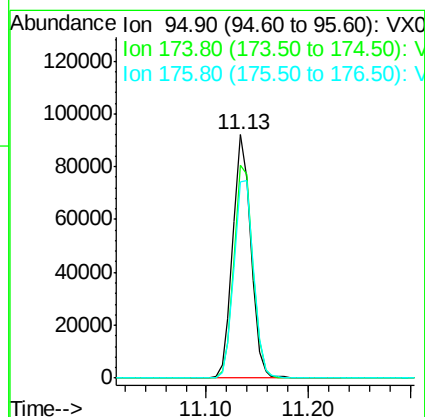
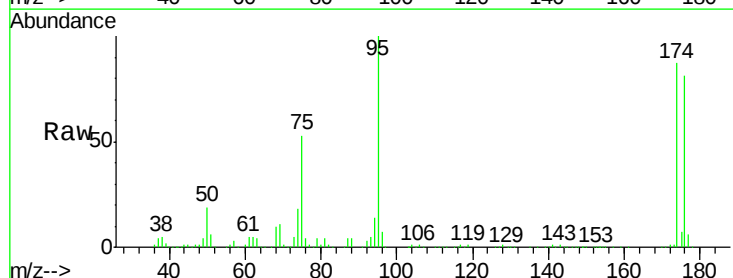
Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(2)

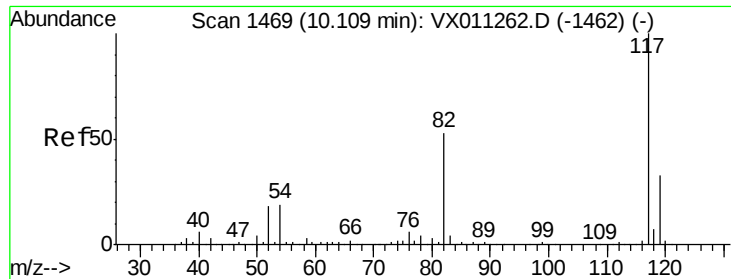
Tot Ion: 98 Resp: 346392
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.135 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011506.D
Acq: 13 Aug 2019 00:49

Tgt Ion: 95 Resp: 112202
Ion Ratio Lower Upper
95 100
174 90.9 0.0 191.2
176 87.8 0.0 184.8

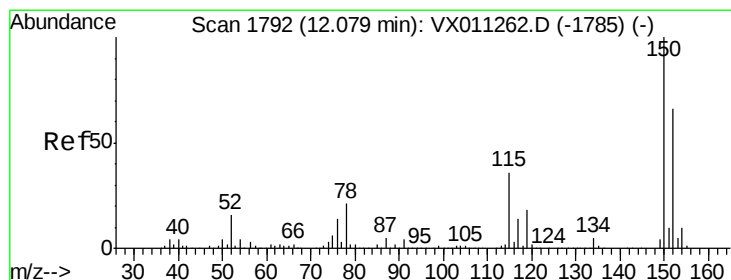
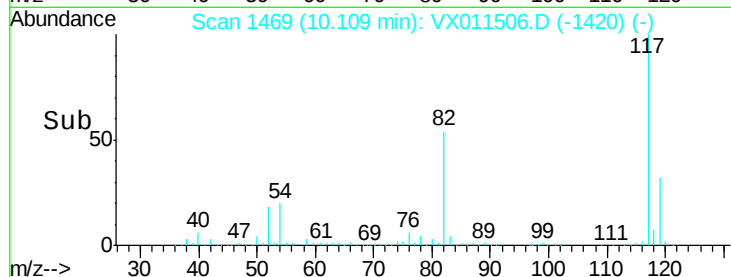
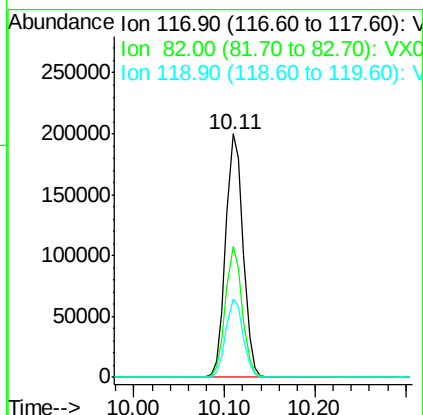
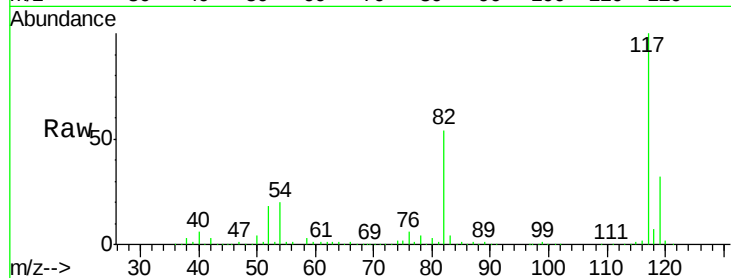




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011506.D
Acq: 13 Aug 2019 00:49

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(2)

Tot Ion:117 Resp: 267879
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 32.4 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: VX011506.D
Acq: 13 Aug 2019 00:49

Tgt Ion:152 Resp: 116534
Ion Ratio Lower Upper
152 100
115 57.4 40.0 119.9
150 157.4 0.0 350.4

