

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011507.D
 Acq On : 13 Aug 2019 01:13
 Operator : JC/SP
 Sample : K4230-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Aug 13 09:19:00 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

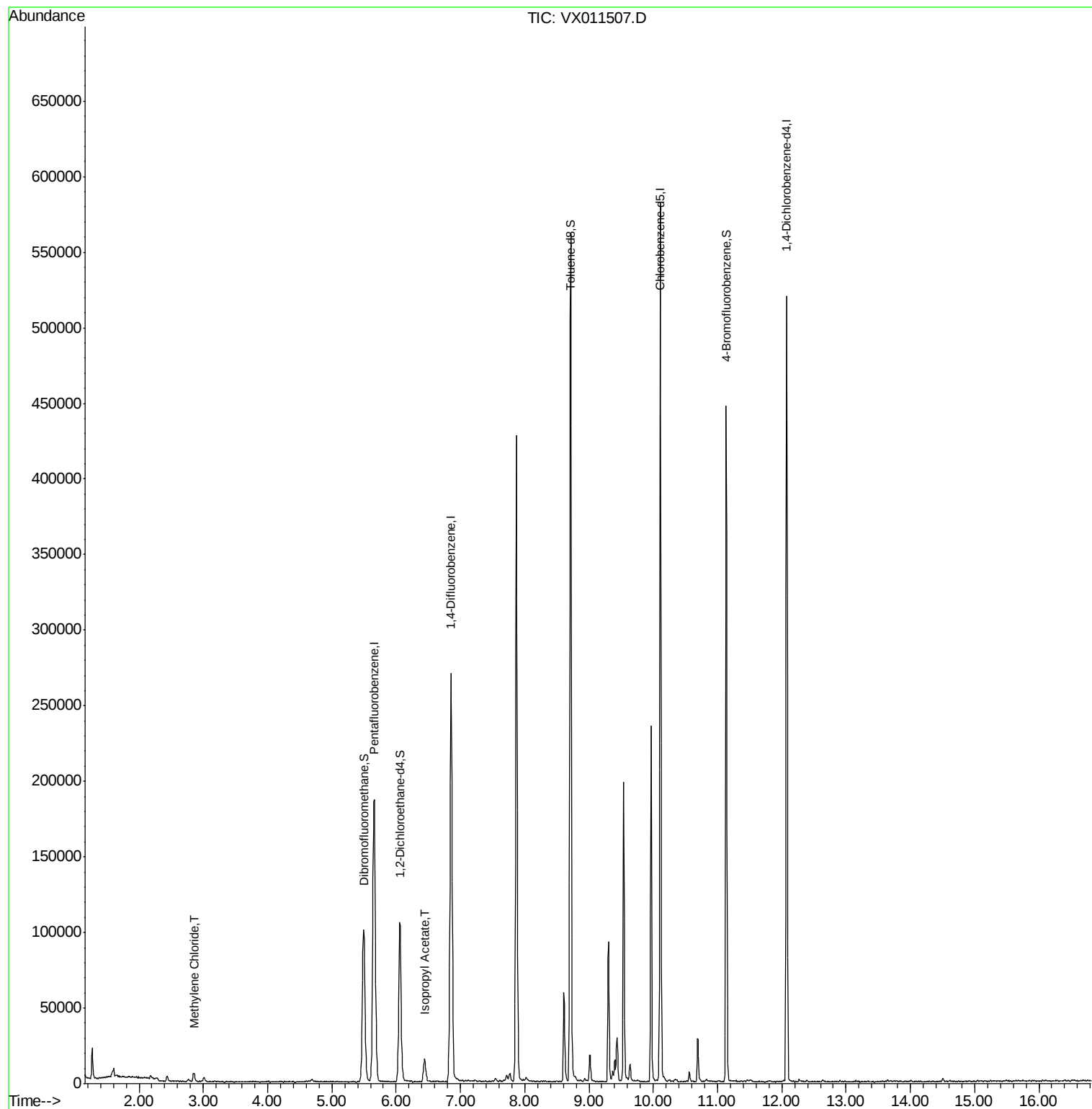
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	101318	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
35) Dibromofluoromethane	5.49	113	86383	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	8.71	98	334287	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	108420	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
Target Compounds						
20) Methylene Chloride	2.85	84	2831	1.463	ug/l	90
43) Isopropyl Acetate	6.44	43	19760	5.093	ug/l	99

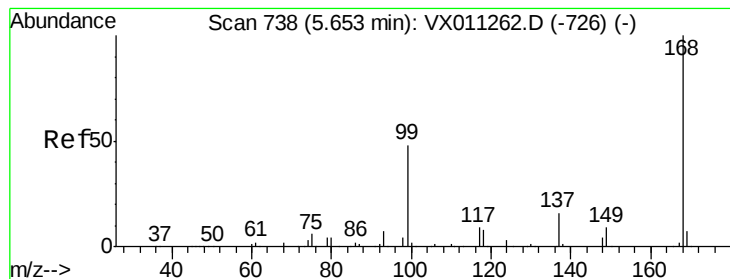
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081219\
Data File : VX011507.D
Acq On : 13 Aug 2019 01:13
Operator : JC/SP
Sample : K4230-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Aug 13 09:19:00 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: VX011507.D

Acq: 13 Aug 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

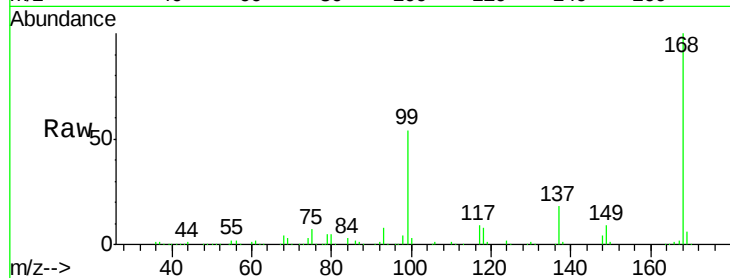
REACTOR-3A-(3)

Tot Ion:168 Resp: 184278

Ion Ratio Lower Upper

168 100

99 53.8 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

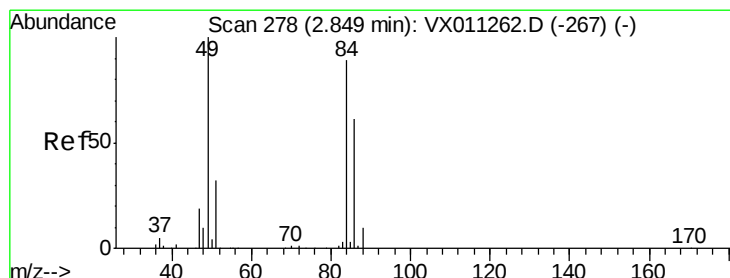
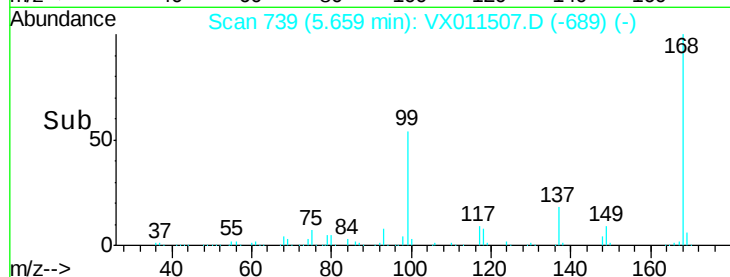
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.463 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011507.D

Acq: 13 Aug 2019 01:13

Tgt Ion: 84 Resp: 2831

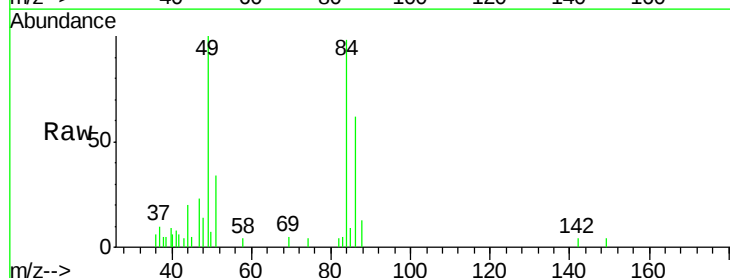
Ion Ratio Lower Upper

84 100

49 95.8 89.3 133.9

51 34.8 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

2500

2000

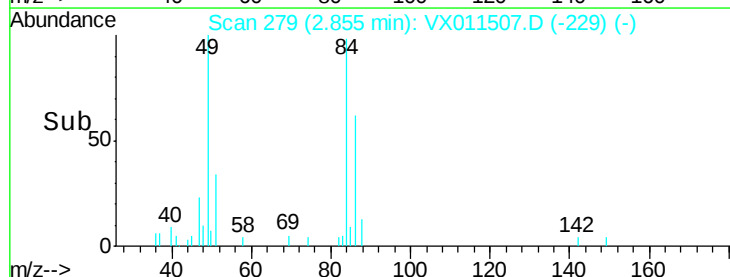
1500

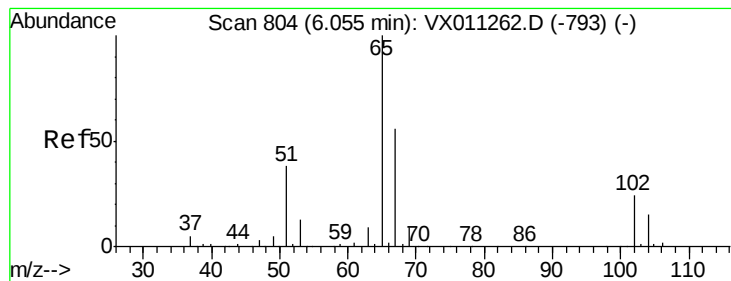
1000

500

0

Time--> 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 54.596 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011507.D

Acq: 13 Aug 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

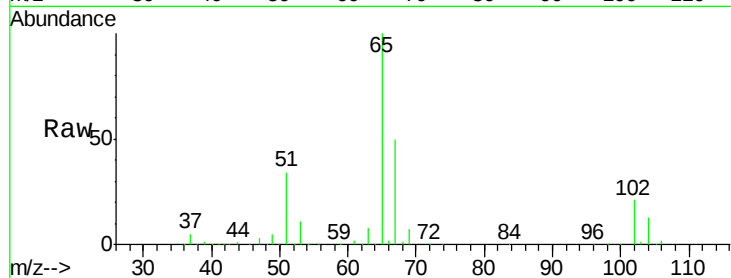
REACTOR-3A-(3)

Tot Ion: 65 Resp: 101318

Ion Ratio Lower Upper

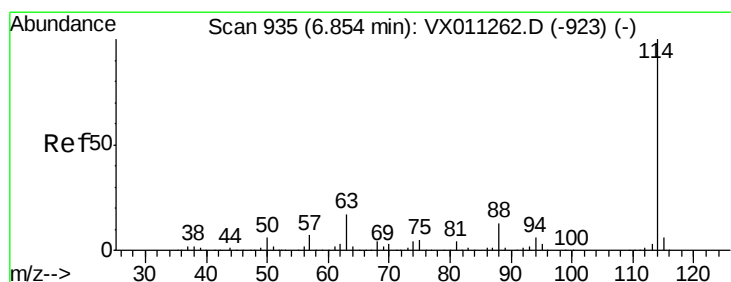
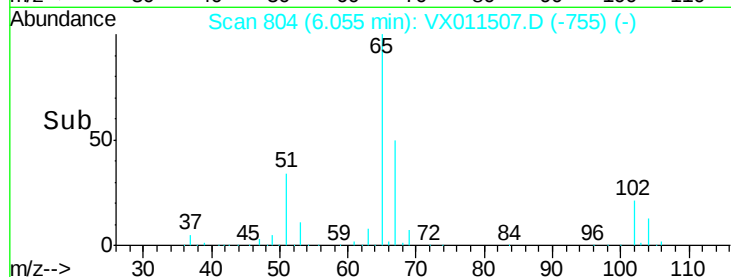
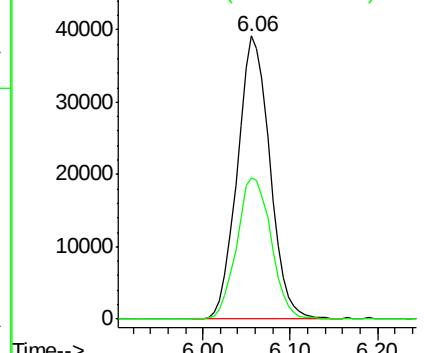
65 100

67 52.6 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: VX011507.D

Acq: 13 Aug 2019 01:13

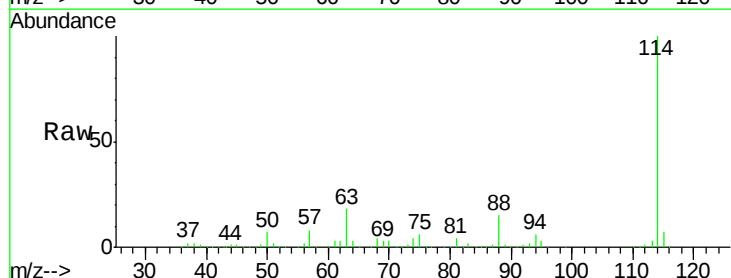
Tgt Ion: 114 Resp: 277085

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

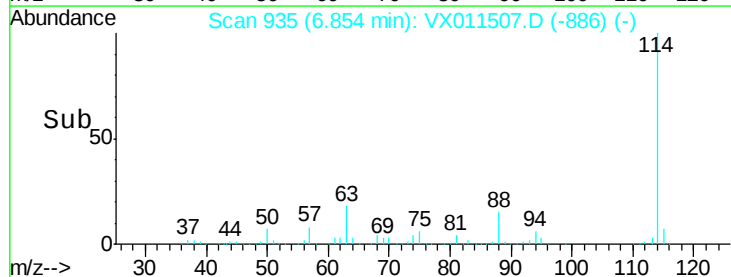
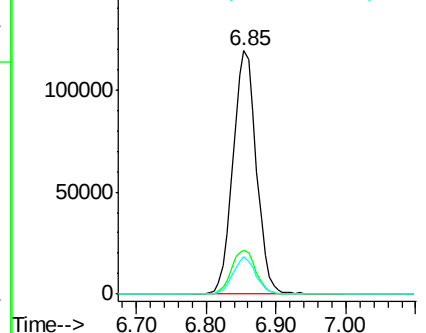
88 15.2 0.0 26.4

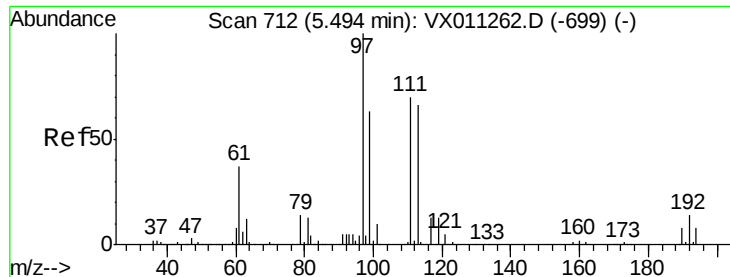


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

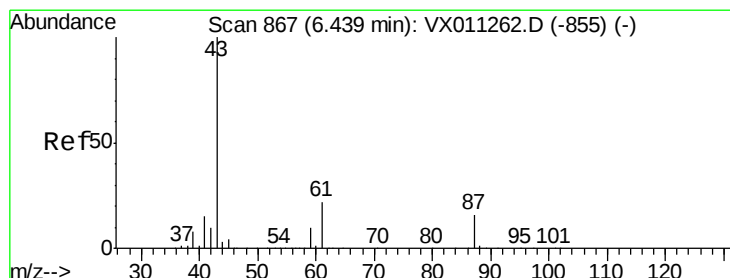
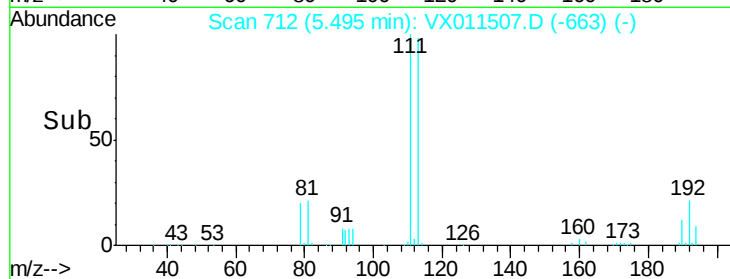
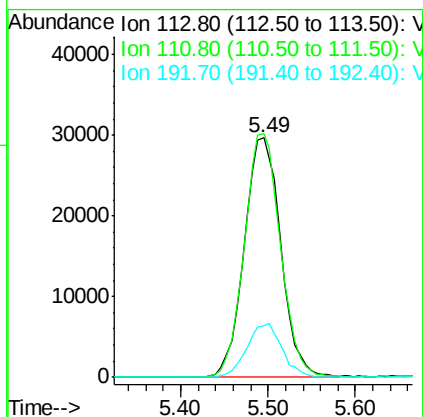
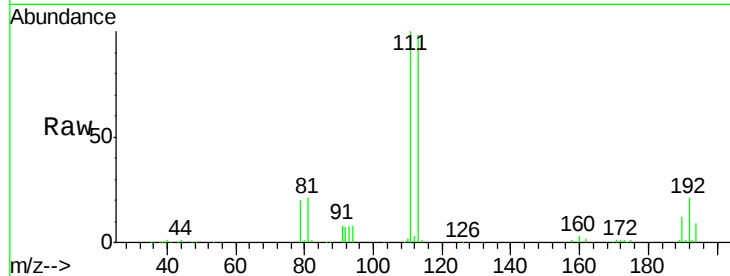




#35
 Dibromofluoromethane
 Concen: 47.751 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011507.D
 Acq: 13 Aug 2019 01:13

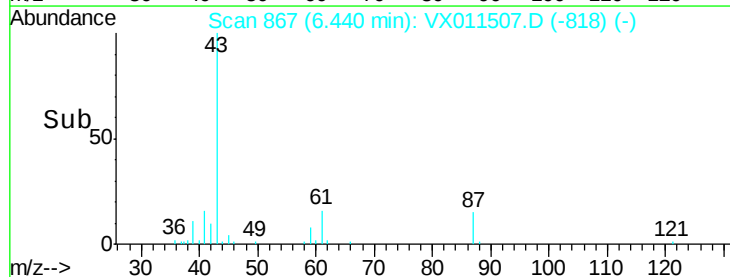
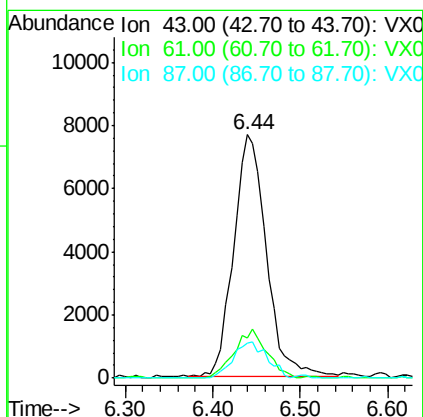
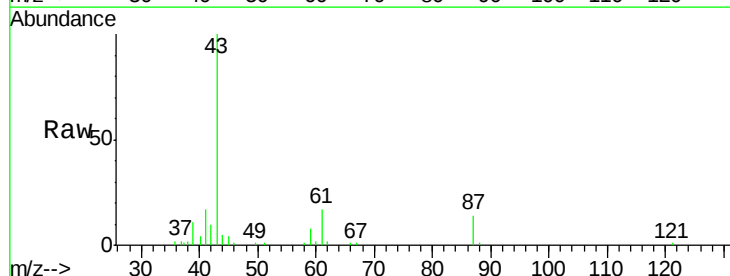
Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-3A-(3)

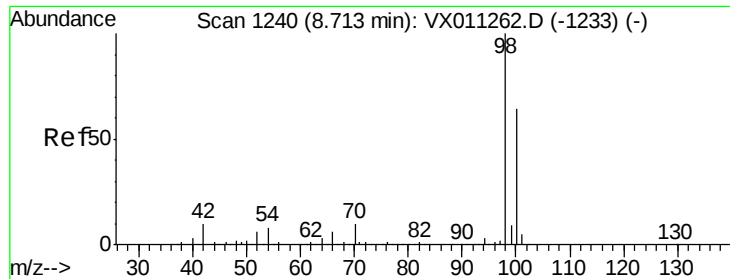
Tot Ion:113 Resp: 86383
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.9 122.9
 192 21.5 17.8 26.8



#43
 Isopropyl Acetate
 Concen: 5.093 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011507.D
 Acq: 13 Aug 2019 01:13

Tgt Ion: 43 Resp: 19760
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.5 24.7
 87 15.5 12.1 18.1





#50

Toluene-d8

Concen: 48.954 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011507.D

Acq: 13 Aug 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

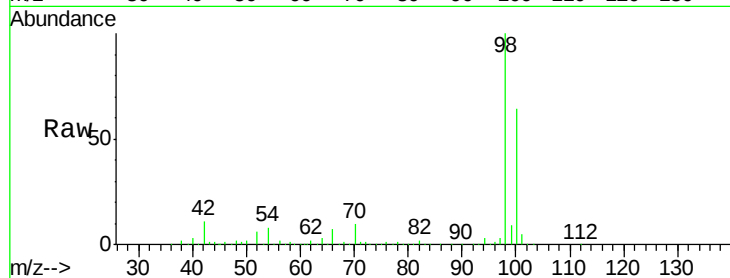
REACTOR-3A-(3)

Tot Ion: 98 Resp: 334287

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

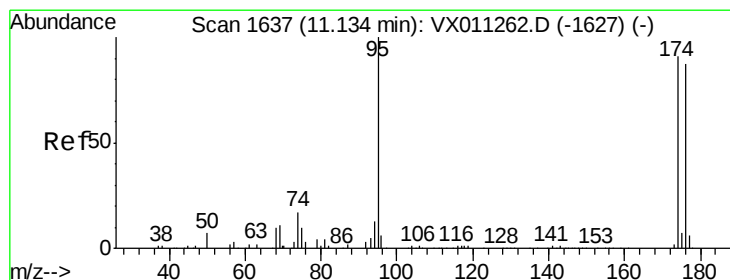
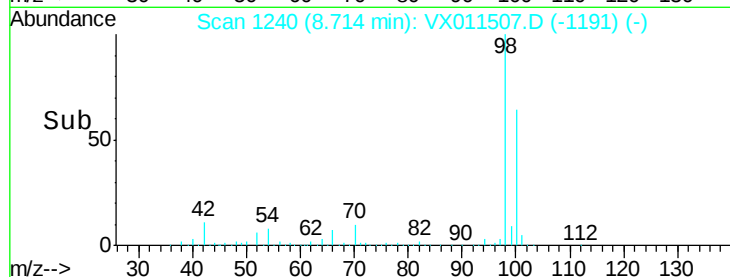
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.471 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011507.D

Acq: 13 Aug 2019 01:13

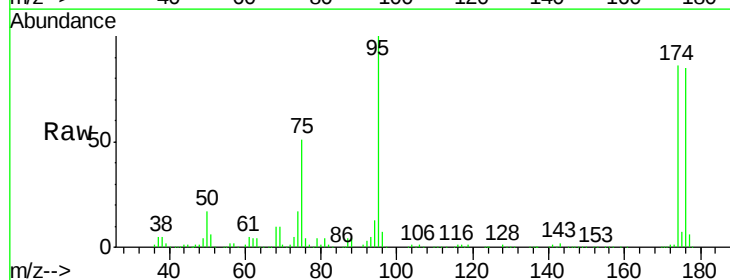
Tgt Ion: 95 Resp: 108420

Ion Ratio Lower Upper

95 100

174 89.7 0.0 191.2

176 87.4 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

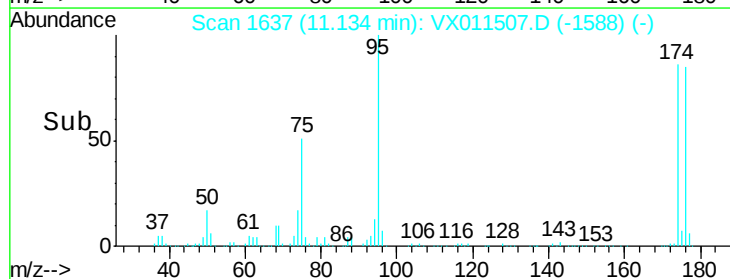
40000

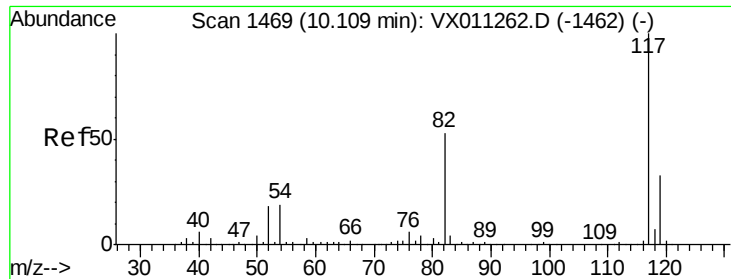
20000

0

11.10 11.20

Time-->

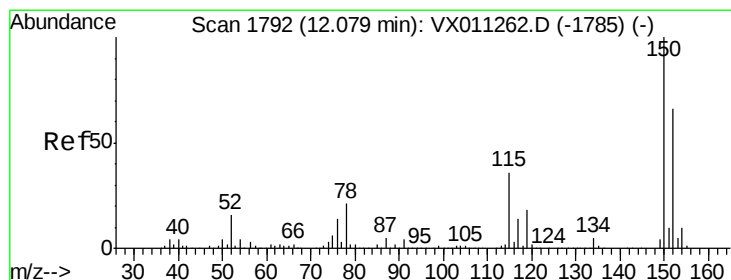
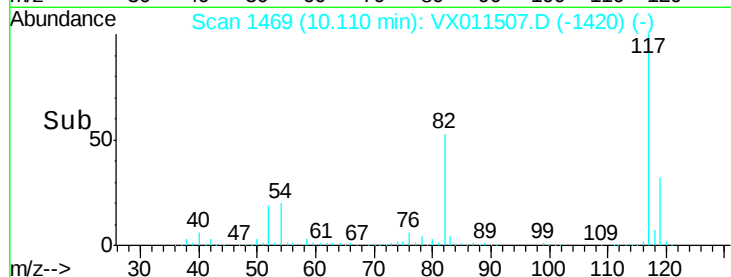
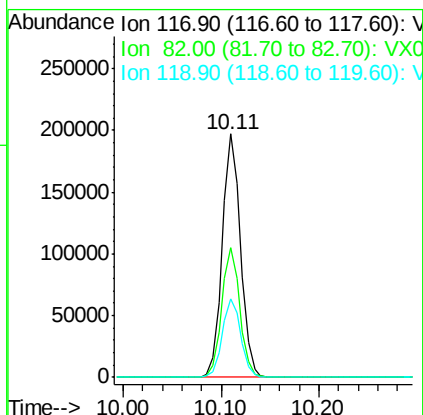
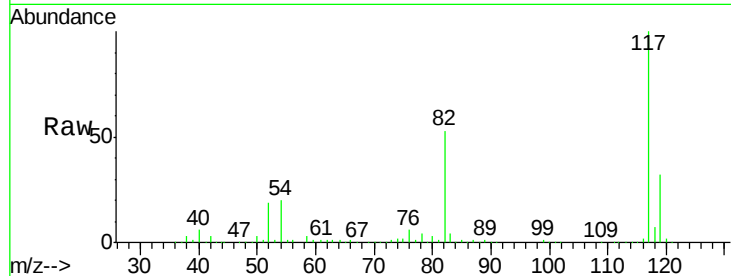




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampled :
REACTOR-3A-(3)

Tot Ion:117 Resp: 255591
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion:152 Resp: 110918
Ion Ratio Lower Upper
152 100
115 56.2 40.0 119.9
150 159.5 0.0 350.4

