

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011508.D
 Acq On : 13 Aug 2019 01:36
 Operator : JC/SP
 Sample : K4230-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Aug 13 09:20:36 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

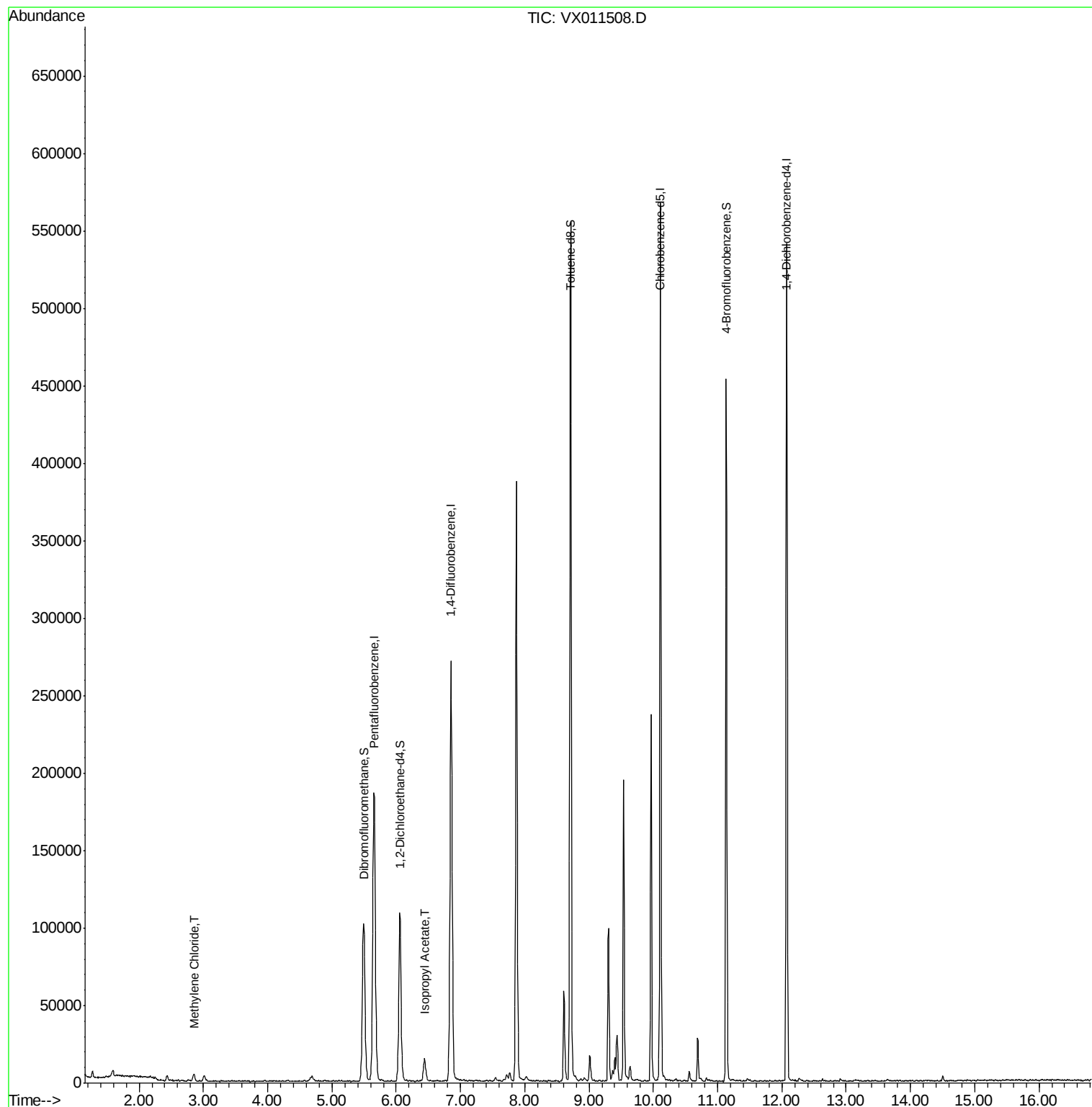
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	103365	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	5.49	113	87265	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	8.71	98	335212	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.13	95	109095	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
20) Methylene Chloride	2.85	84	2107	1.092	ug/l #	85
43) Isopropyl Acetate	6.44	43	19565	5.021	ug/l	100

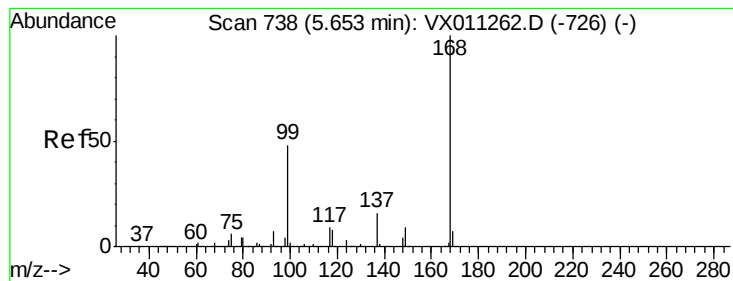
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011508.D

Acq: 13 Aug 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

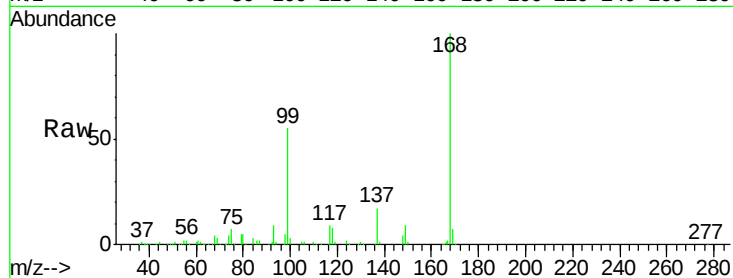
REACTOR-3E-(2)

Tot Ion:168 Resp: 183744

Ion Ratio Lower Upper

168 100

99 55.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

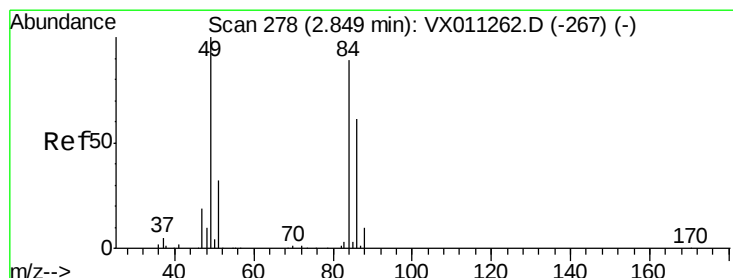
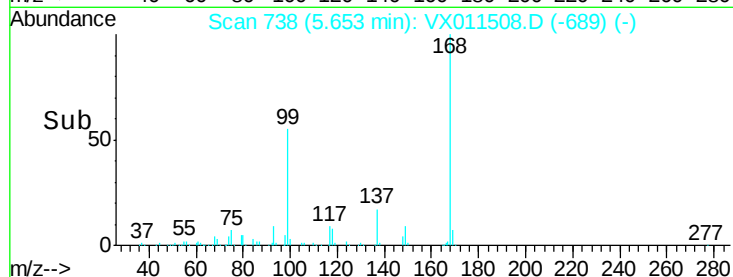
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.092 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011508.D

Acq: 13 Aug 2019 01:36

Tgt Ion: 84 Resp: 2107

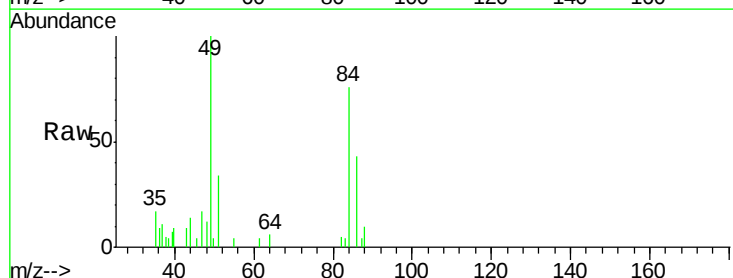
Ion Ratio Lower Upper

84 100

49 127.2 89.3 133.9

51 45.0 28.3 42.5#

86 57.2 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

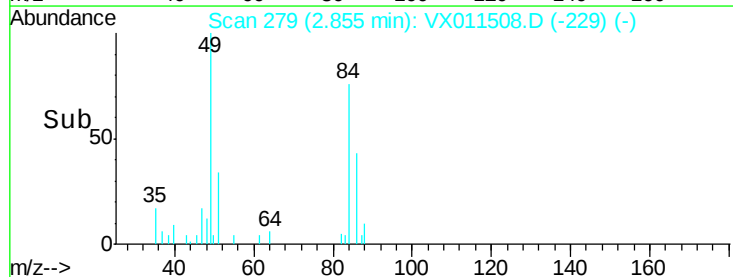
1500

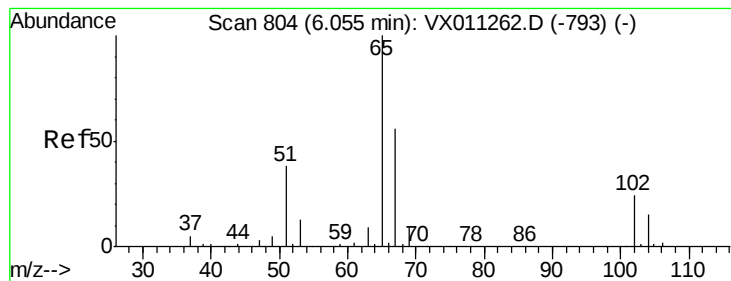
1000

500

0

Time--> 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 55.861 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011508.D

Acq: 13 Aug 2019 01:36

Instrument :

MSVOA_X

ClientSampled :

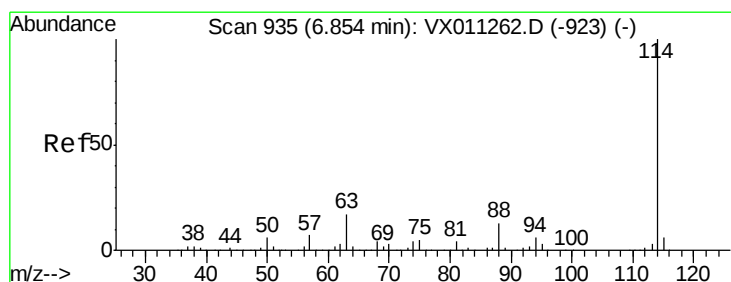
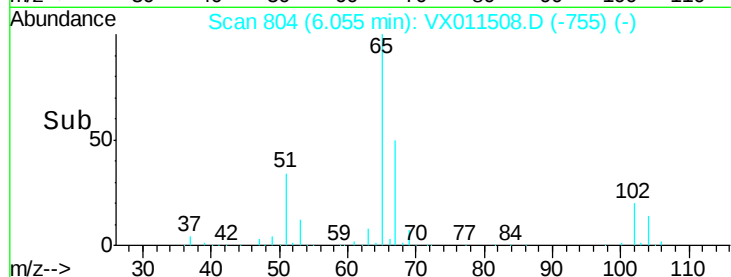
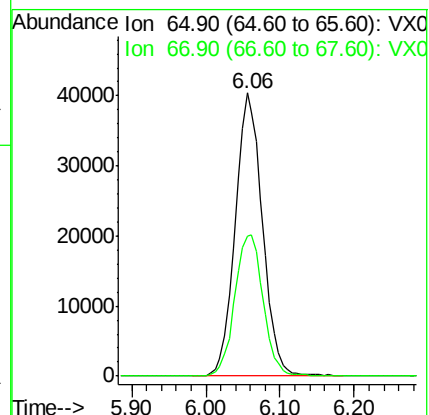
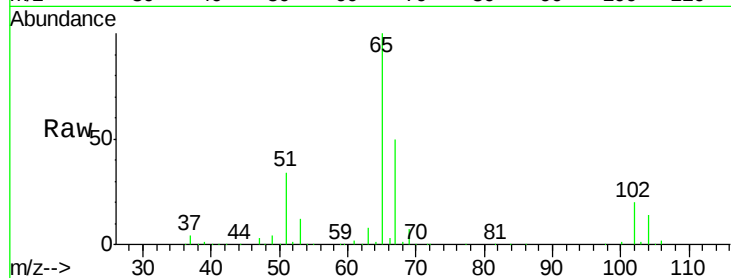
REACTOR-3E-(2)

Tot Ion: 65 Resp: 103365

Ion Ratio Lower Upper

65 100

67 52.2 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011508.D

Acq: 13 Aug 2019 01:36

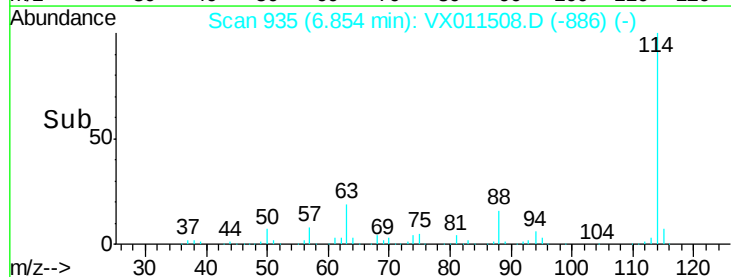
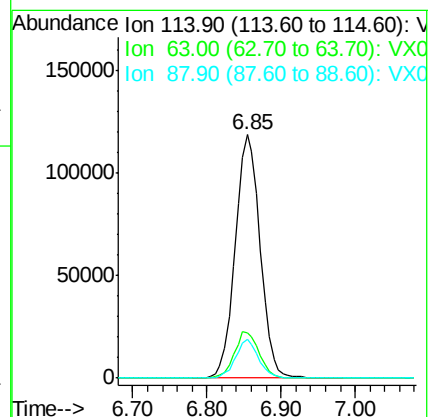
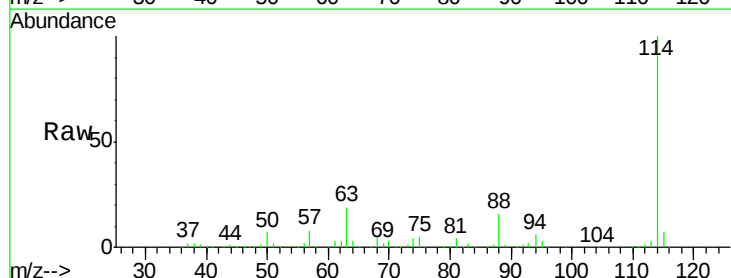
Tgt Ion: 114 Resp: 278319

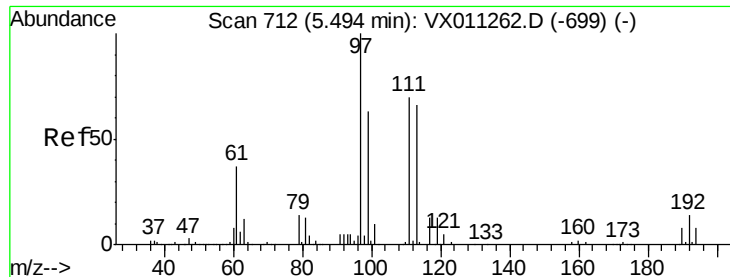
Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.0

88 16.1 0.0 26.4

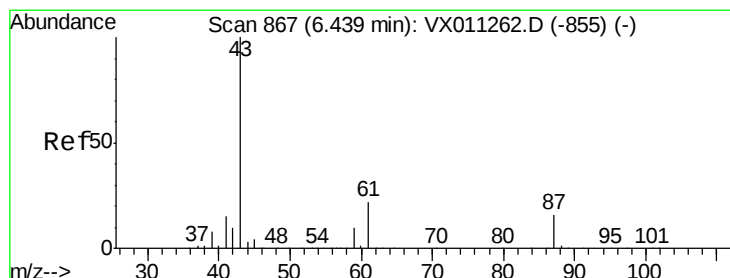
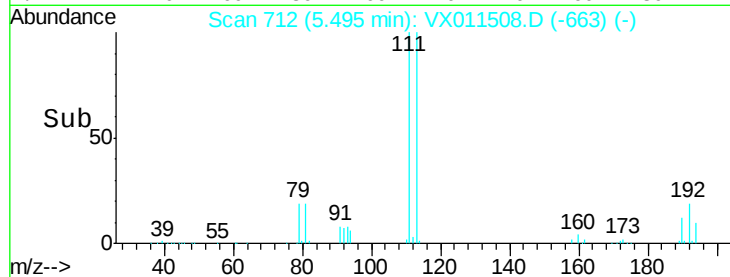
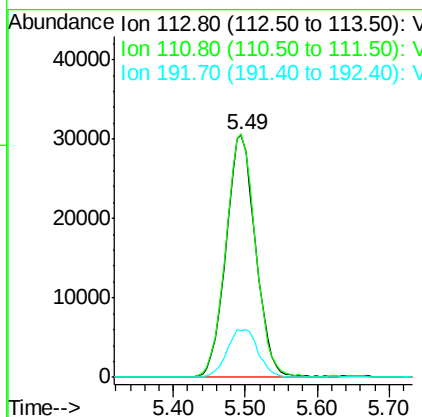
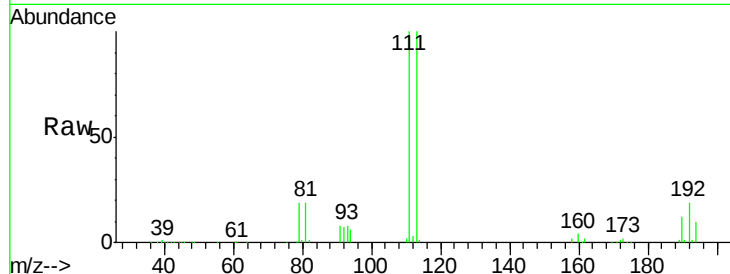




#35
 Dibromofluoromethane
 Concen: 48.025 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011508.D
 Acq: 13 Aug 2019 01:36

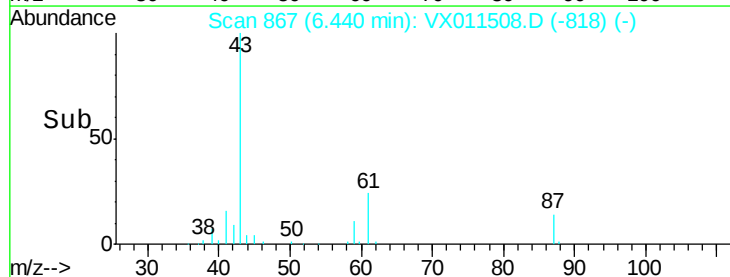
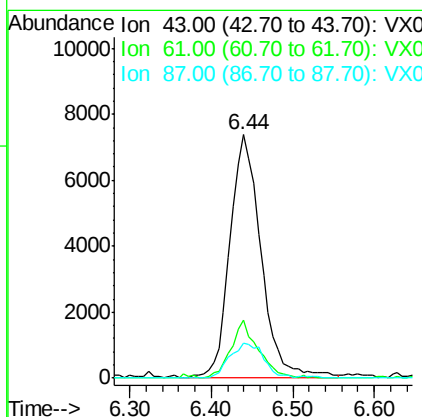
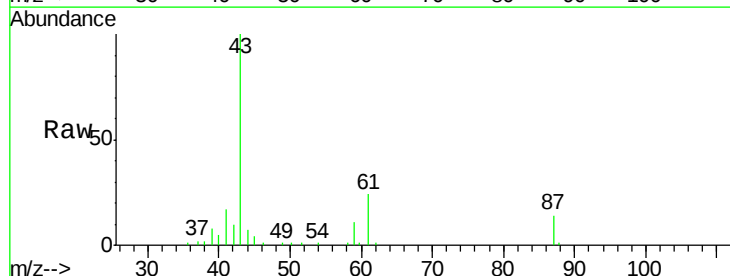
Instrument :
 MSVOA_X
 ClientSampleId :
 REACTOR-3E-(2)

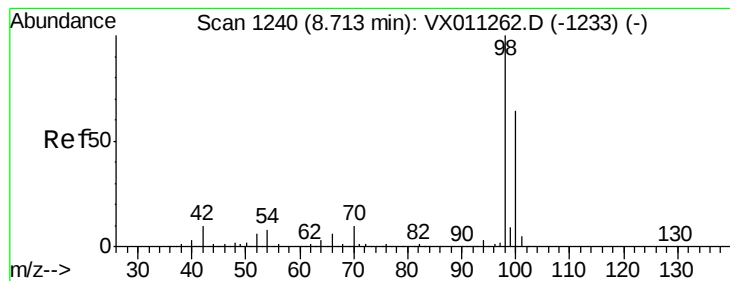
Tot Ion:113 Resp: 87265
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.9 122.9
 192 20.8 17.8 26.8



#43
 Isopropyl Acetate
 Concen: 5.021 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011508.D
 Acq: 13 Aug 2019 01:36

Tgt Ion: 43 Resp: 19565
 Ion Ratio Lower Upper
 43 100
 61 20.4 16.5 24.7
 87 15.4 12.1 18.1





#50

Toluene-d8

Concen: 48.872 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011508.D

Acq: 13 Aug 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

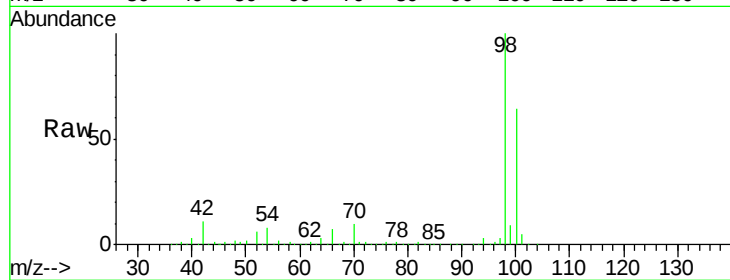
REACTOR-3E-(2)

Tot Ion: 98 Resp: 335212

Ion Ratio Lower Upper

98 100

100 64.2 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

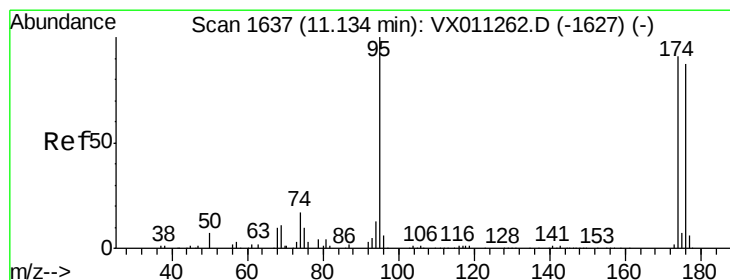
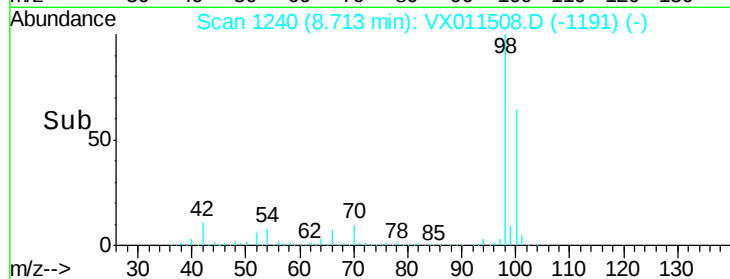
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.550 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011508.D

Acq: 13 Aug 2019 01:36

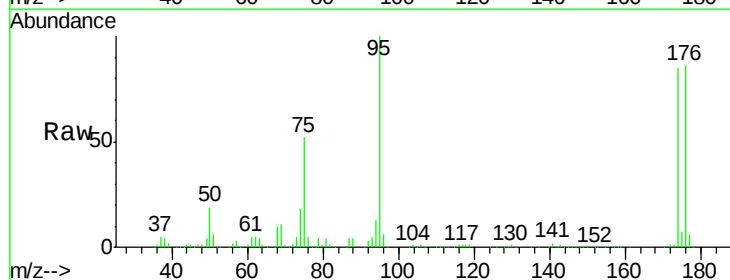
Tgt Ion: 95 Resp: 109095

Ion Ratio Lower Upper

95 100

174 90.0 0.0 191.2

176 88.5 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

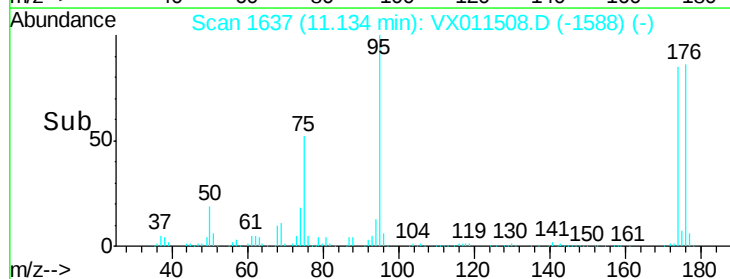
20000

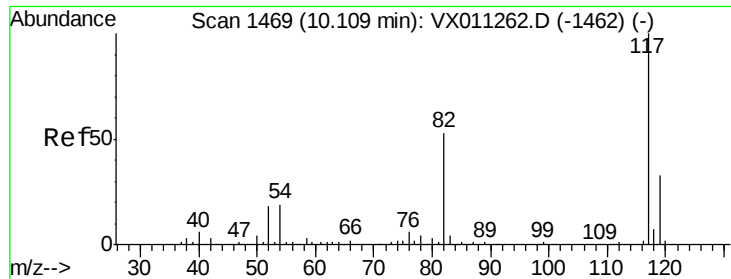
0

11.10

11.20

Time-->

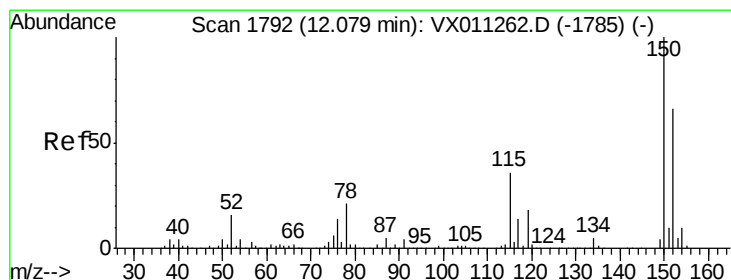
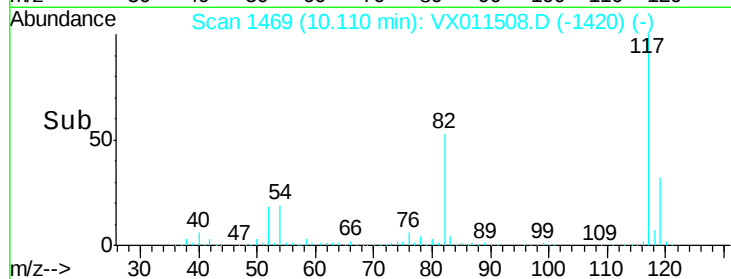
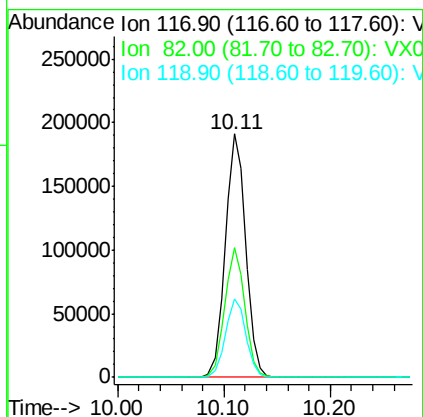
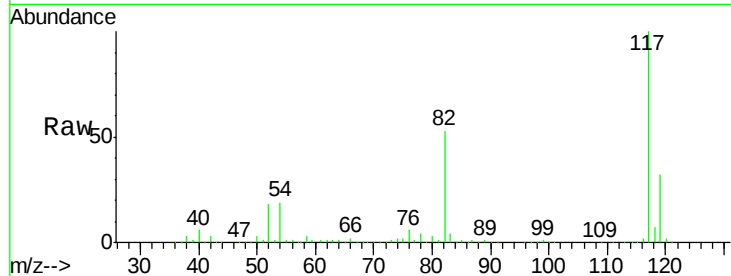




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011508.D
Acq: 13 Aug 2019 01:36

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

Tot Ion:117 Resp: 256591
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 32.5 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: VX011508.D
Acq: 13 Aug 2019 01:36

Tgt Ion:152 Resp: 112109
Ion Ratio Lower Upper
152 100
115 56.6 40.0 119.9
150 157.8 0.0 350.4

