

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011482.D
 Acq On : 12 Aug 2019 14:42
 Operator : JC/SP
 Sample : K4278-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0702

Quant Time: Aug 13 08:18:30 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

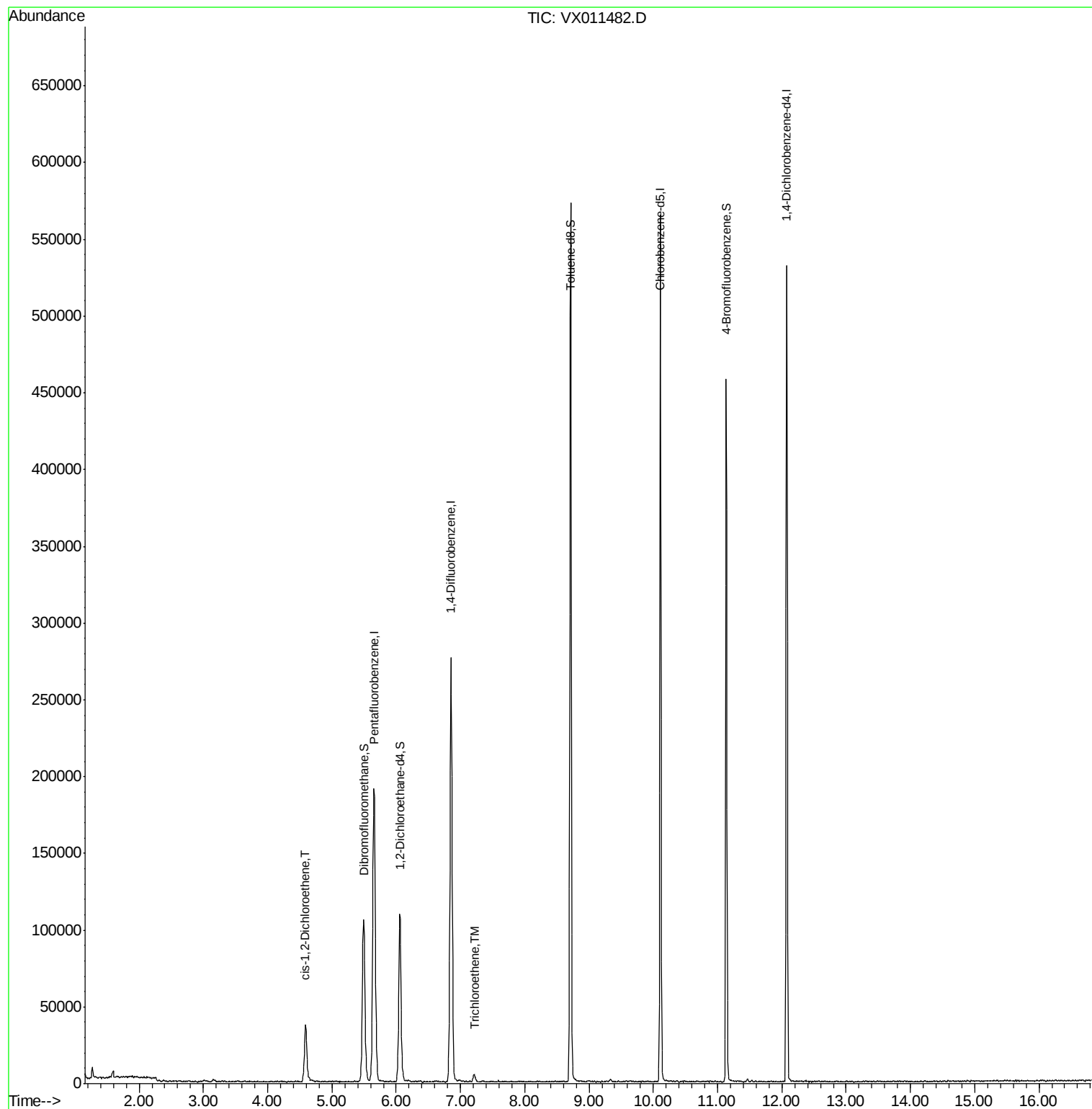
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104298	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
35) Dibromofluoromethane	5.49	113	87841	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	331450	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	11.13	95	109068	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	24277	11.632	ug/l	93
44) Trichloroethene	7.21	130	1881	0.835	ug/l	91

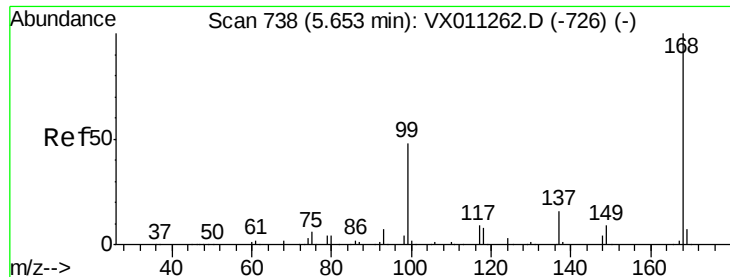
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011482.D

Acq: 12 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

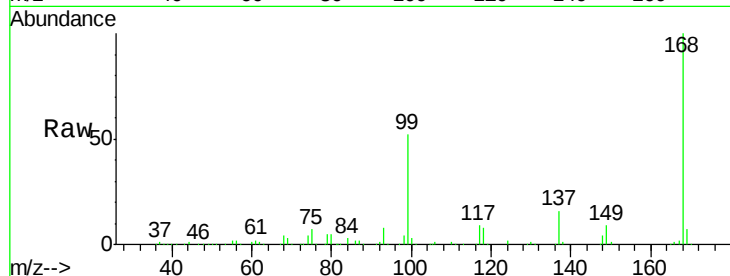
Z3-0702

Tot Ion:168 Resp: 188265

Ion Ratio Lower Upper

168 100

99 51.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

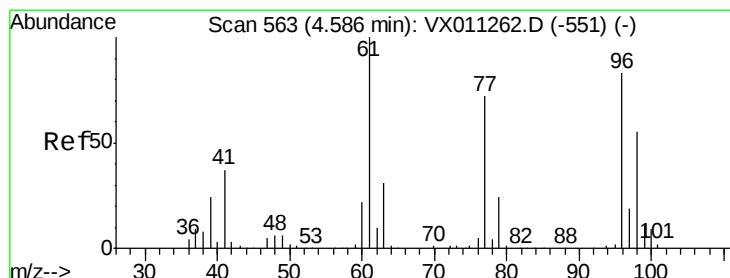
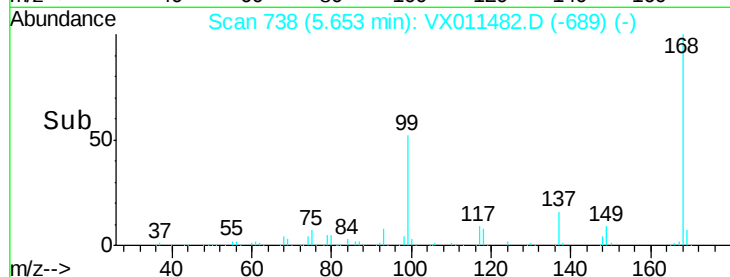
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 11.632 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011482.D

Acq: 12 Aug 2019 14:42

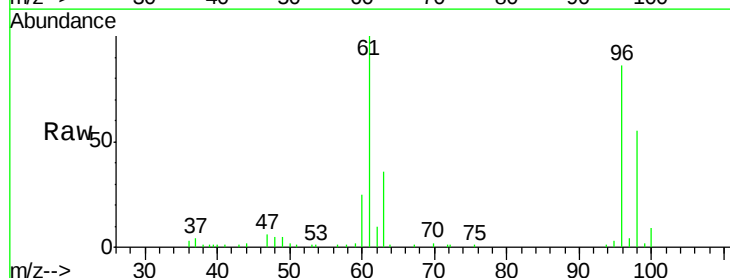
Tgt Ion: 96 Resp: 24277

Ion Ratio Lower Upper

96 100

61 118.9 0.0 260.2

98 65.4 0.0 133.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

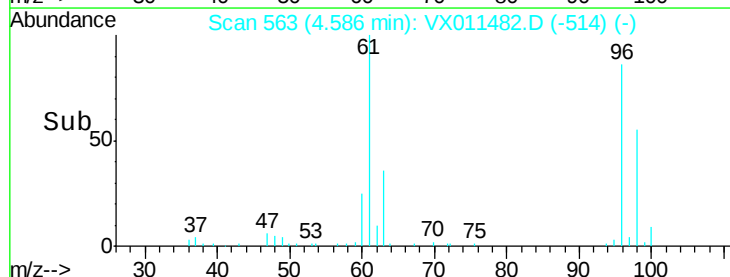
4.59

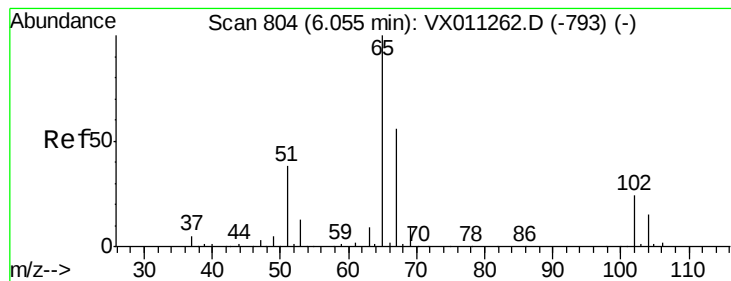
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 55.012 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011482.D

Acq: 12 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

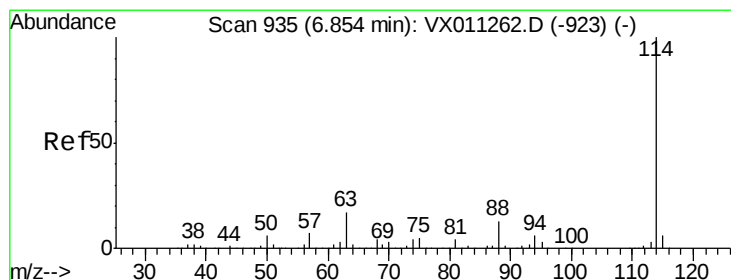
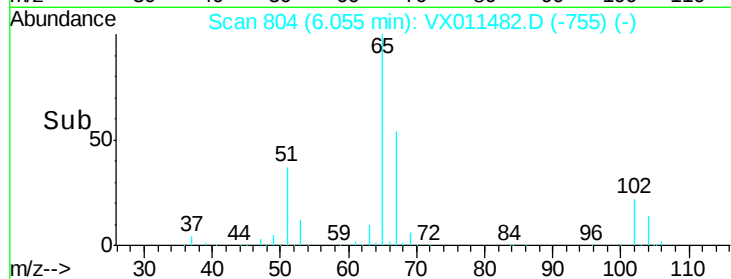
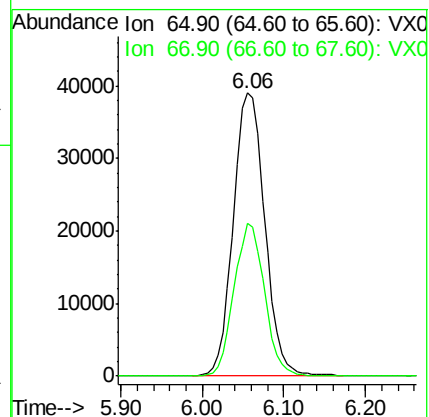
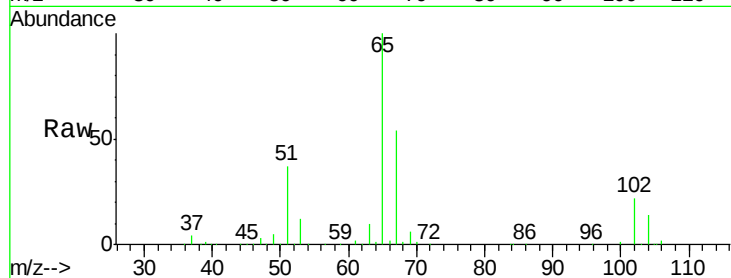
Z3-0702

Tot Ion: 65 Resp: 104298

Ion Ratio Lower Upper

65 100

67 52.0 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: VX011482.D

Acq: 12 Aug 2019 14:42

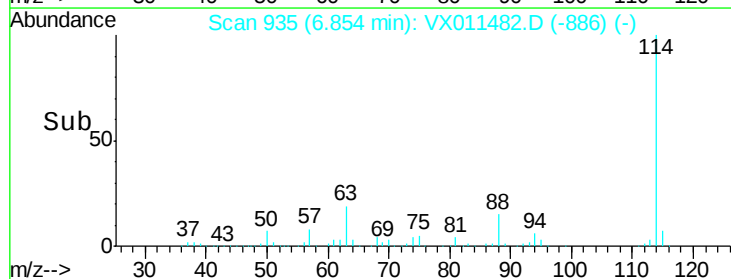
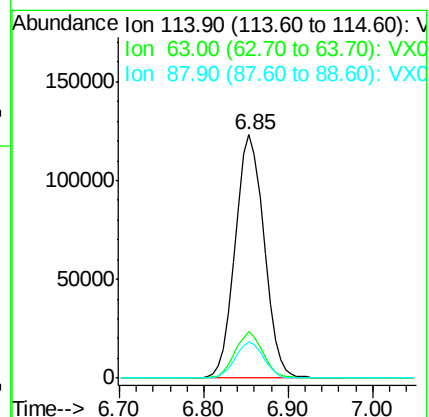
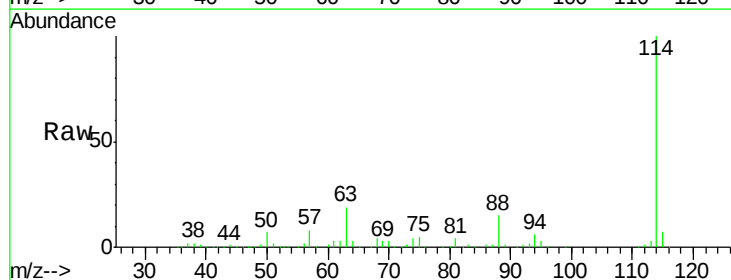
Tgt Ion: 114 Resp: 285785

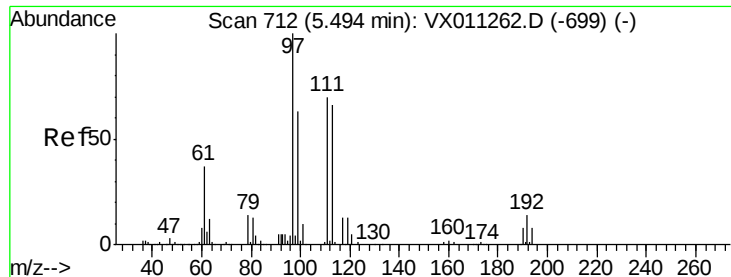
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 14.8 0.0 26.4

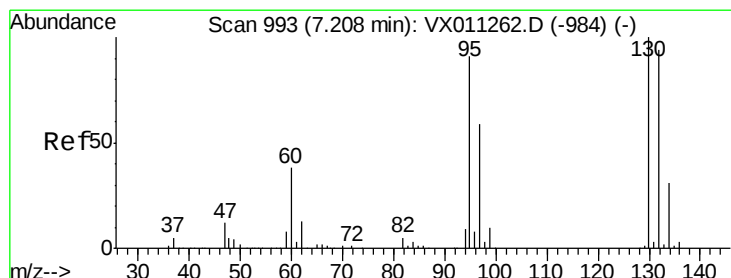
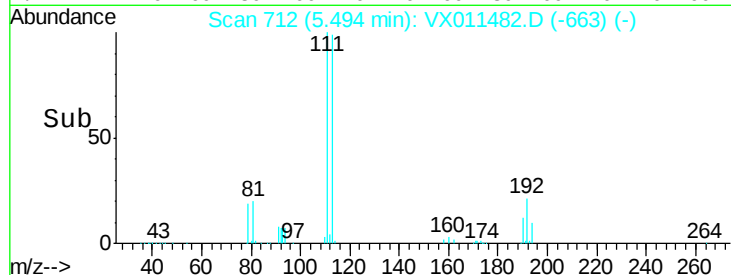
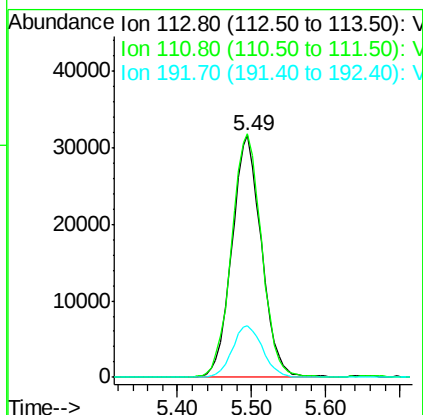
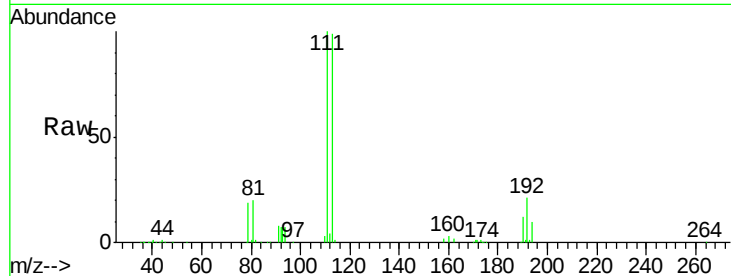




#35
 Dibromofluoromethane
 Concen: 47.079 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011482.D
 Acq: 12 Aug 2019 14:42

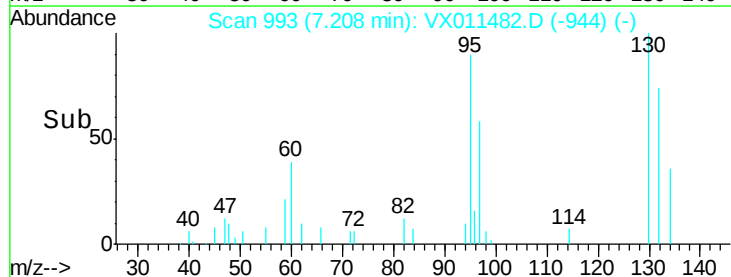
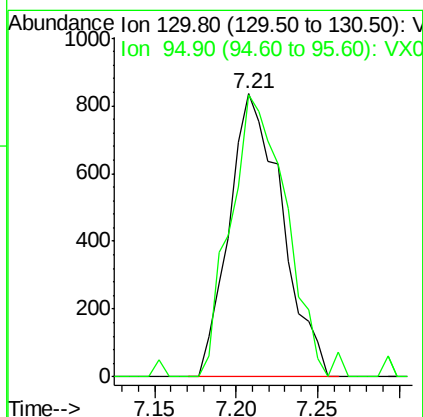
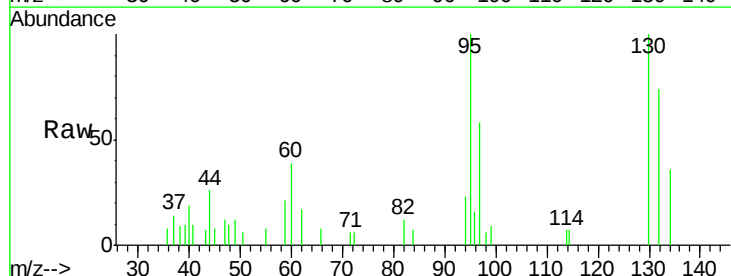
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0702

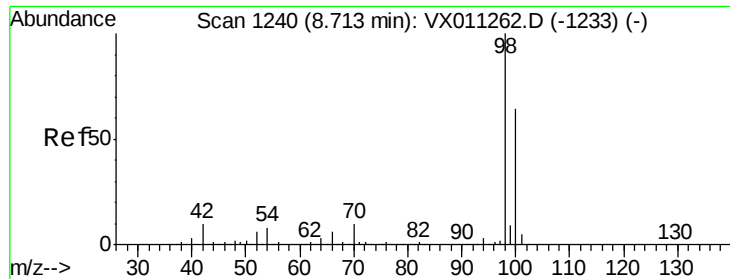
Tot Ion:113 Resp: 87841
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 22.0 17.8 26.8



#44
 Trichloroethene
 Concen: 0.835 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011482.D
 Acq: 12 Aug 2019 14:42

Tgt Ion:130 Resp: 1881
 Ion Ratio Lower Upper
 130 100
 95 99.6 0.0 182.6





#50

Toluene-d8

Concen: 47.061 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011482.D

Acq: 12 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

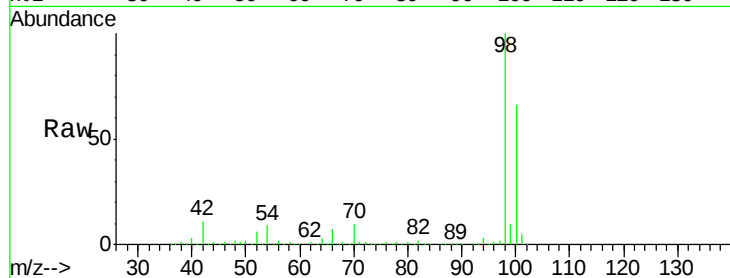
Z3-0702

Tot Ion: 98 Resp: 331450

Ion Ratio Lower Upper

98 100

100 64.5 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

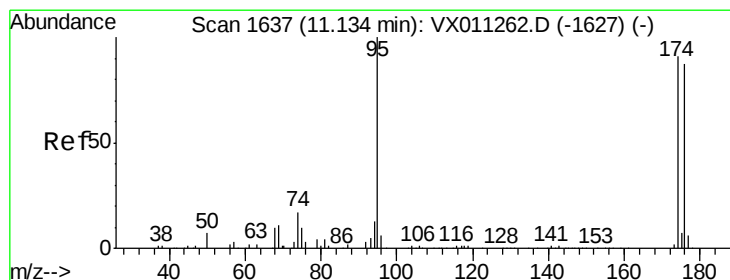
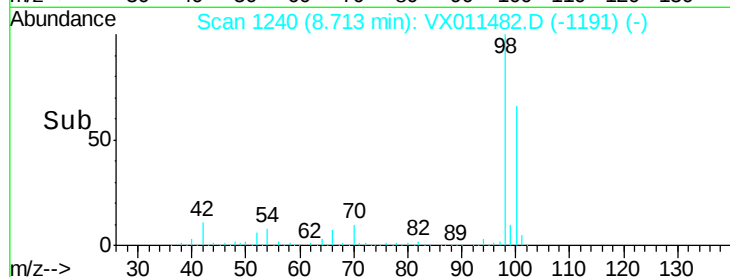
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.375 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011482.D

Acq: 12 Aug 2019 14:42

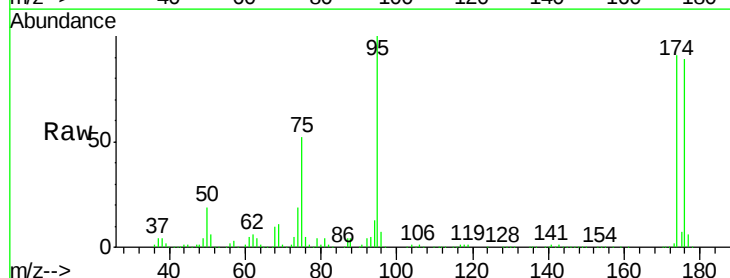
Tgt Ion: 95 Resp: 109068

Ion Ratio Lower Upper

95 100

174 91.7 0.0 191.2

176 87.9 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

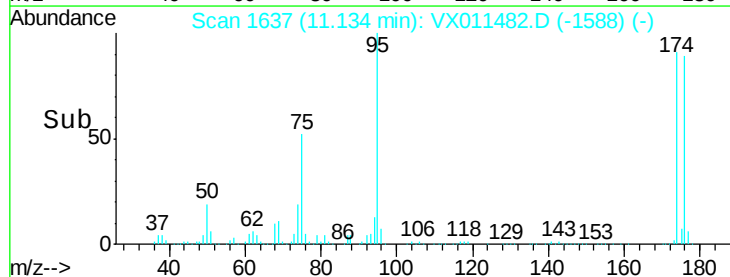
40000

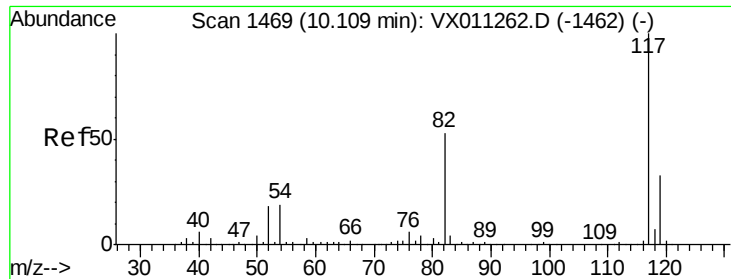
20000

0

11.10 11.20

Time-->

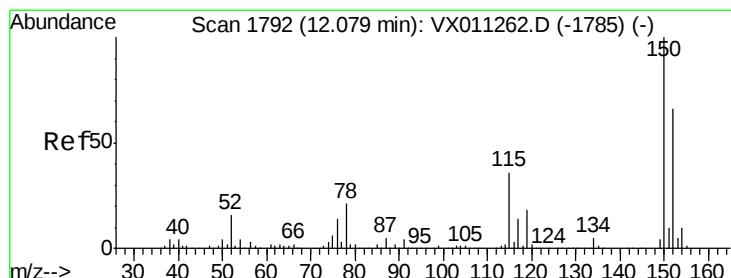
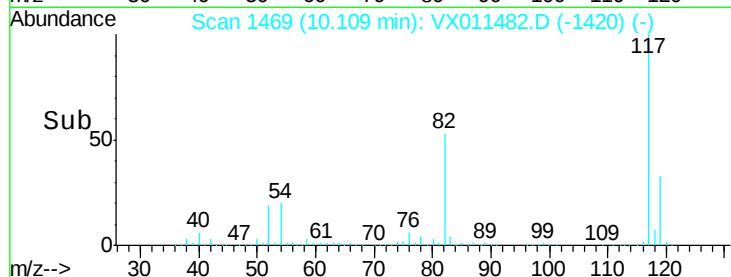
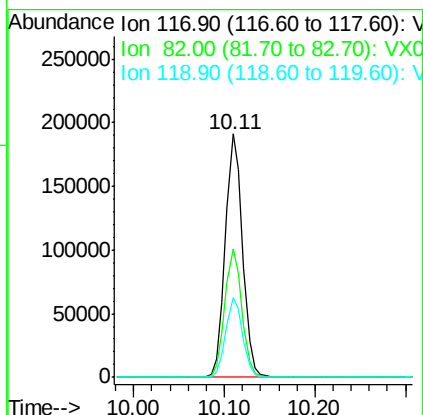
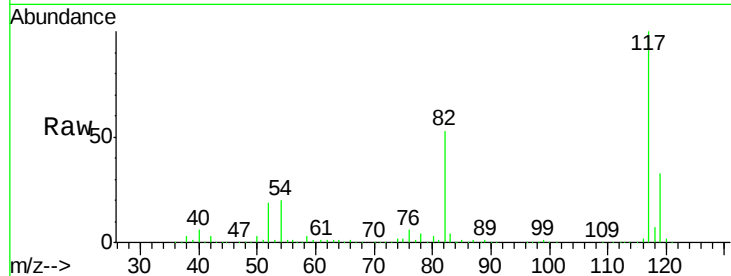




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011482.D
Acq: 12 Aug 2019 14:42

Instrument :
MSVOA_X
ClientSampled :
Z3-0702

Tot Ion:117 Resp: 252809
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.8 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: VX011482.D
Acq: 12 Aug 2019 14:42

Tgt Ion:152 Resp: 115831
Ion Ratio Lower Upper
152 100
115 55.4 40.0 119.9
150 156.1 0.0 350.4

