

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011504.D
 Acq On : 13 Aug 2019 00:03
 Operator : JC/SP
 Sample : K4230-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-J(0)

Quant Time: Aug 13 09:13:54 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

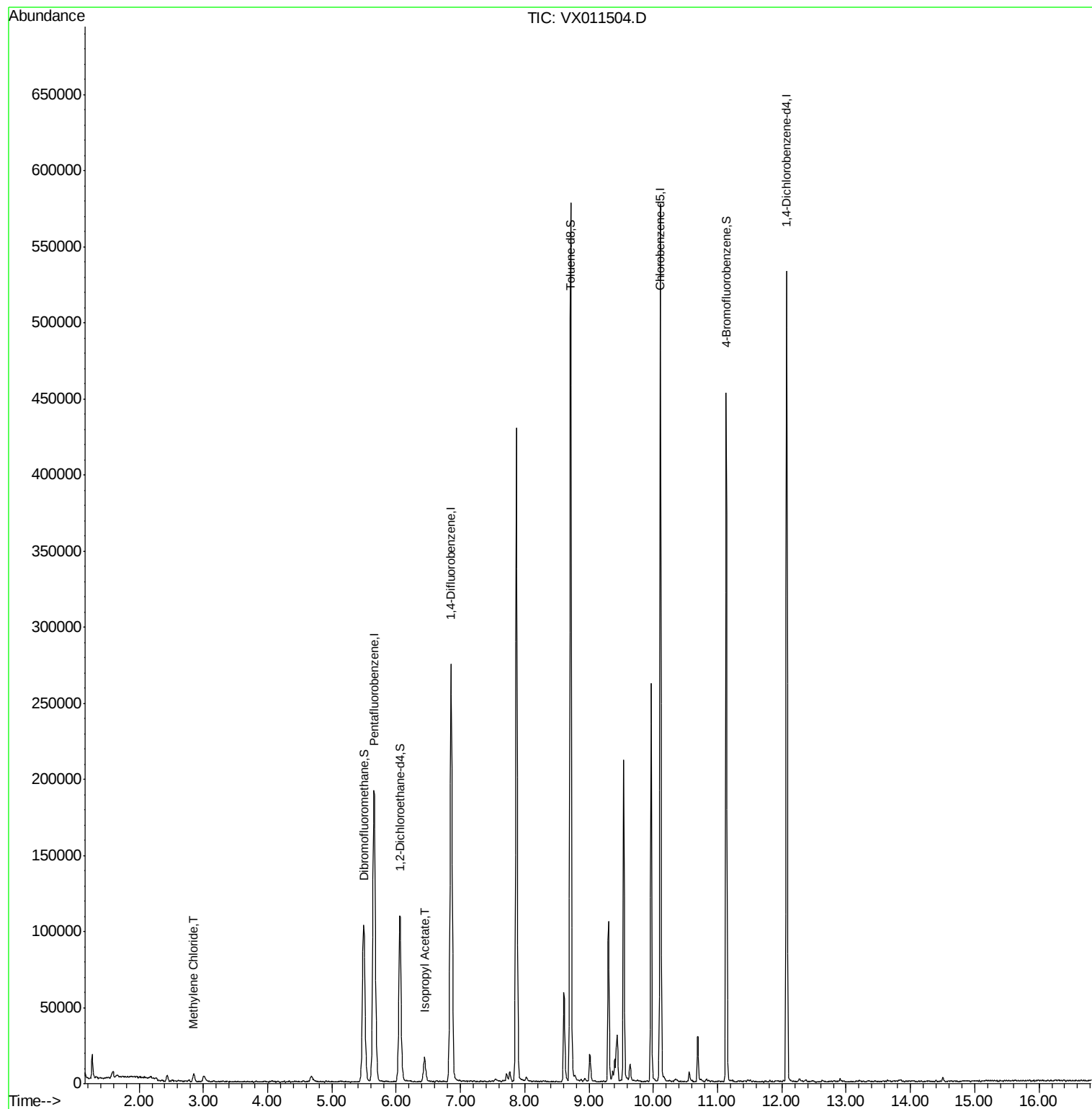
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104997	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	5.49	113	86990	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	8.71	98	336892	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	108389	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
Target Compounds						
20) Methylene Chloride	2.85	84	2389	1.215	ug/l	95
43) Isopropyl Acetate	6.44	43	21029	5.276	ug/l	99

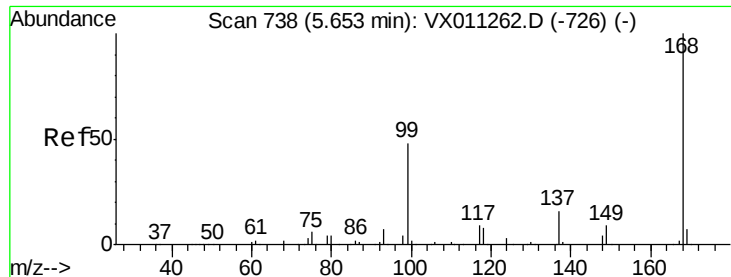
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011504.D

Acq: 13 Aug 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

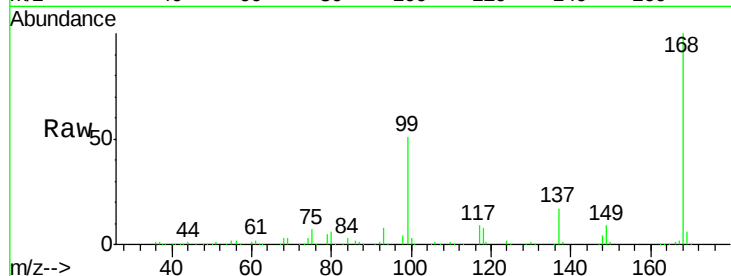
2S-J-(0)

Tot Ion:168 Resp: 187264

Ion Ratio Lower Upper

168 100

99 50.8 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

80000

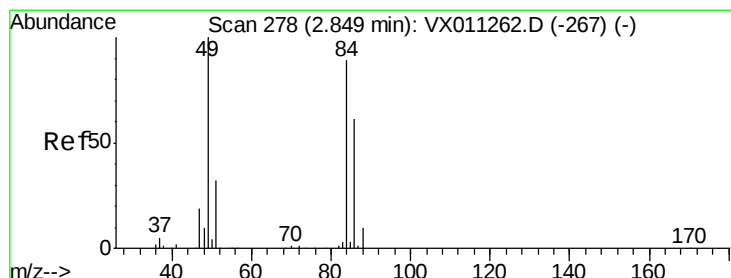
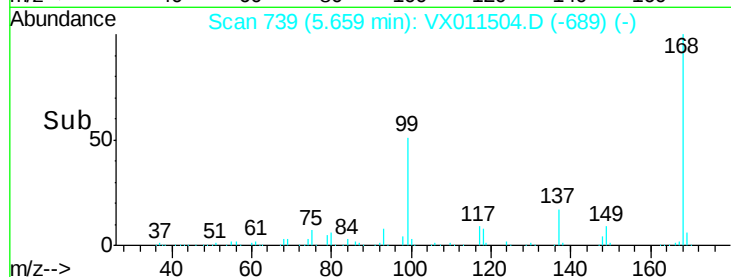
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.215 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011504.D

Acq: 13 Aug 2019 00:03

Tgt Ion: 84 Resp: 2389

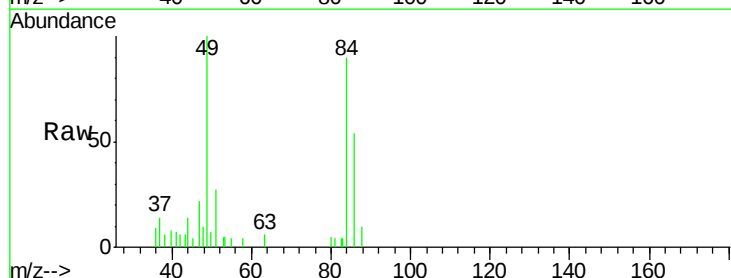
Ion Ratio Lower Upper

84 100

49 110.6 89.3 133.9

51 29.5 28.3 42.5

86 59.8 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

2000

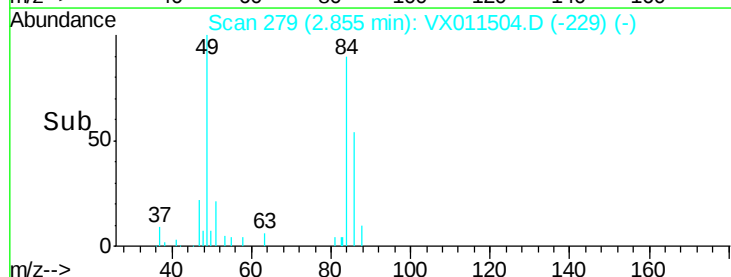
1500

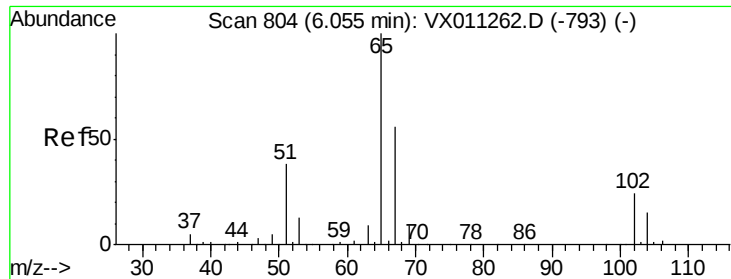
1000

500

0

Time--> 2.80 2.85 2.90

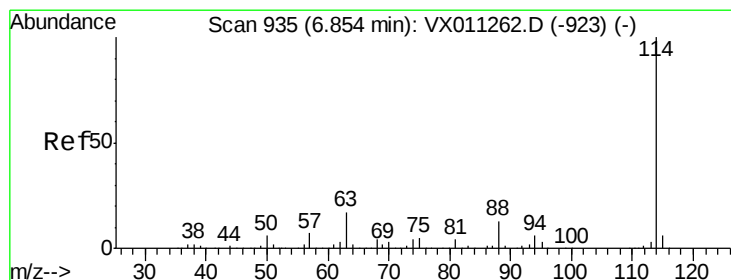
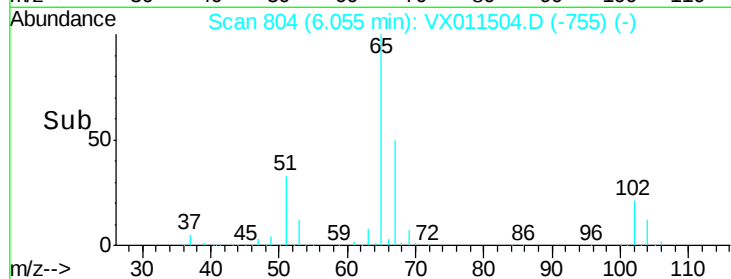
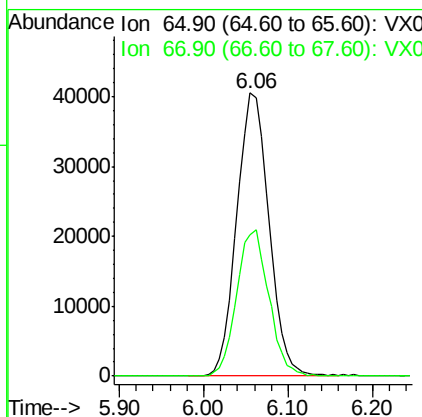
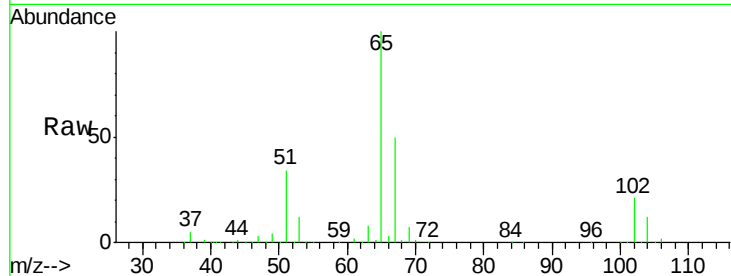




#33
 1,2-Dichloroethane-d4
 Concen: 55.676 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011504.D
 Acq: 13 Aug 2019 00:03

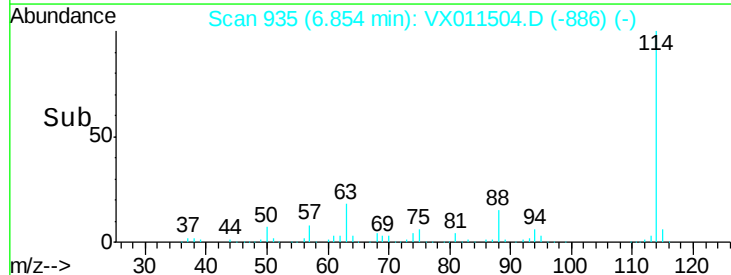
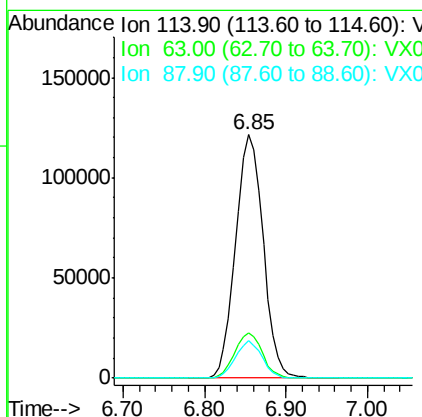
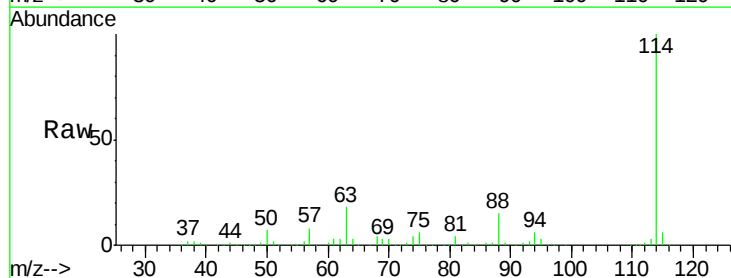
Instrument :
 MSVOA_X
 ClientSampleId :
 2S-J-(0)

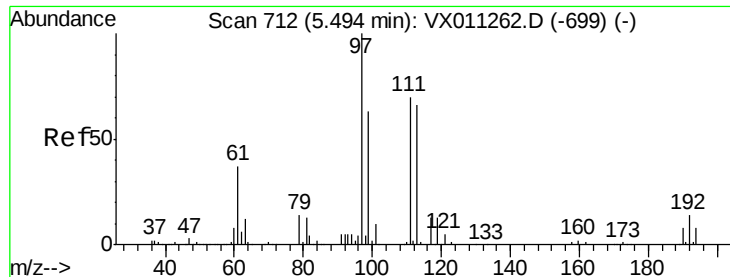
Tot Ion: 65 Resp: 104997
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011504.D
 Acq: 13 Aug 2019 00:03

Tgt Ion: 114 Resp: 284651
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 15.3 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.809 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011504.D

Acq: 13 Aug 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

2S-J-(0)

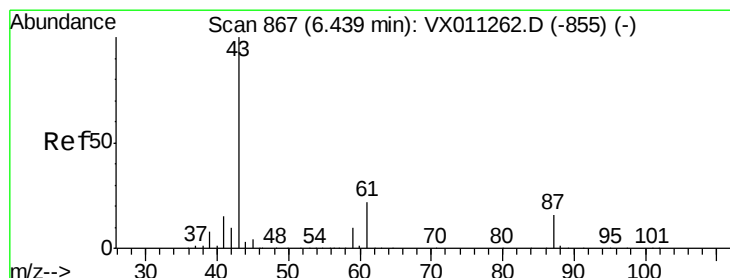
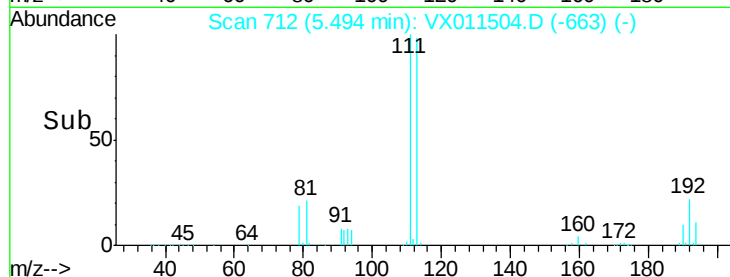
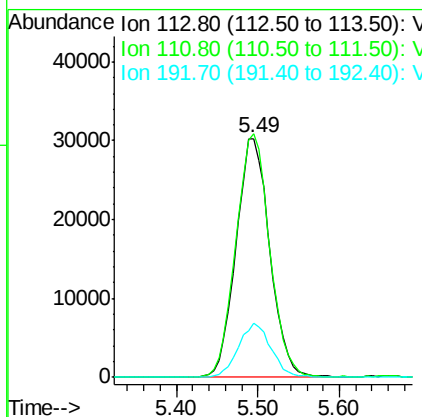
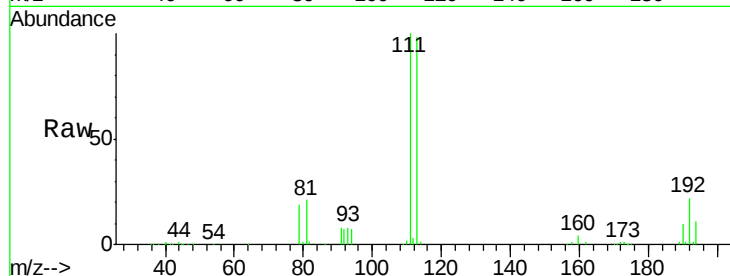
Tot Ion:113 Resp: 86990

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 21.8 17.8 26.8



#43

Isopropyl Acetate

Concen: 5.276 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011504.D

Acq: 13 Aug 2019 00:03

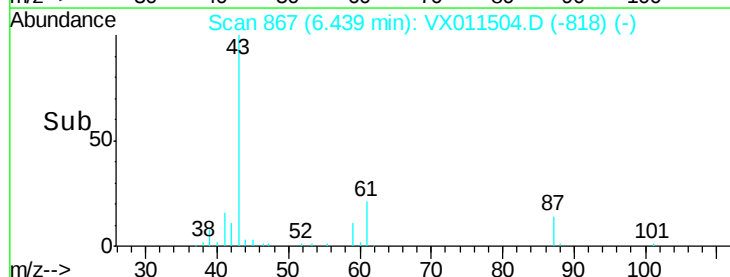
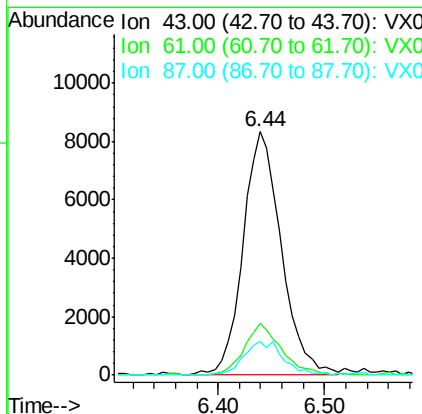
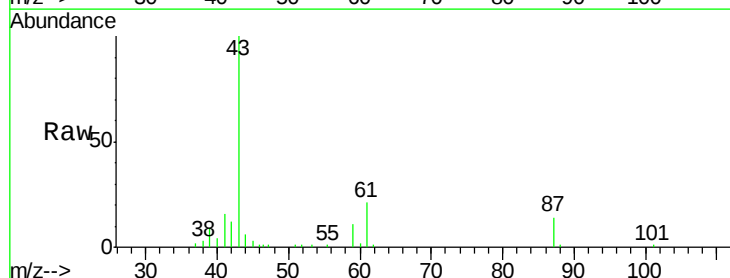
Tgt Ion: 43 Resp: 21029

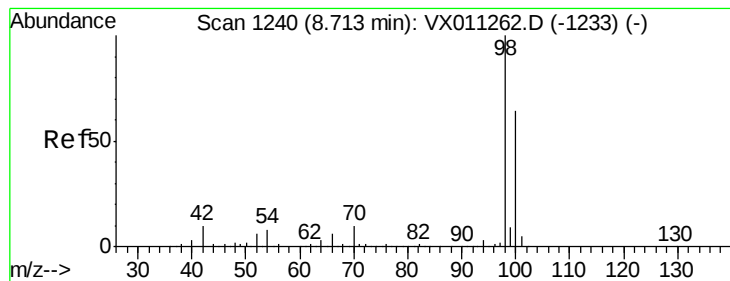
Ion Ratio Lower Upper

43 100

61 20.3 16.5 24.7

87 14.4 12.1 18.1





#50

Toluene-d8

Concen: 48.025 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011504.D

Acq: 13 Aug 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

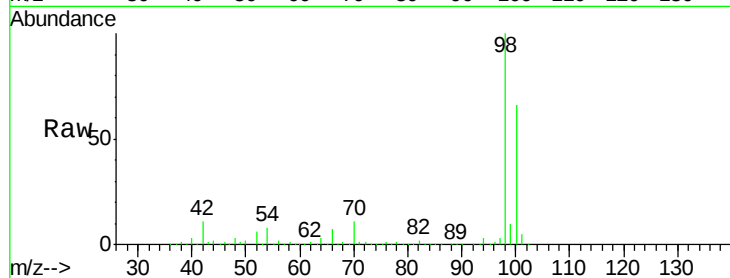
2S-J-(0)

Tot Ion: 98 Resp: 336892

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): VX

8.71

250000

200000

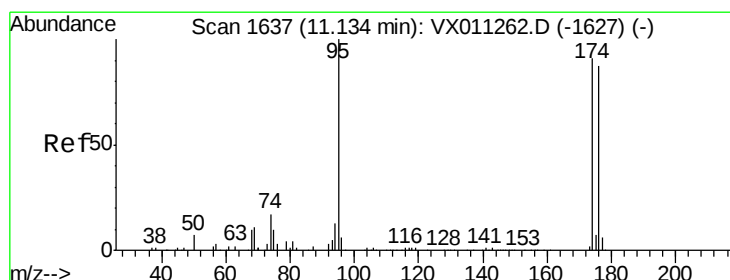
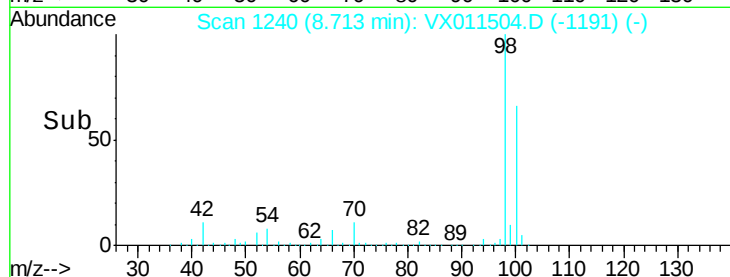
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 43.277 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011504.D

Acq: 13 Aug 2019 00:03

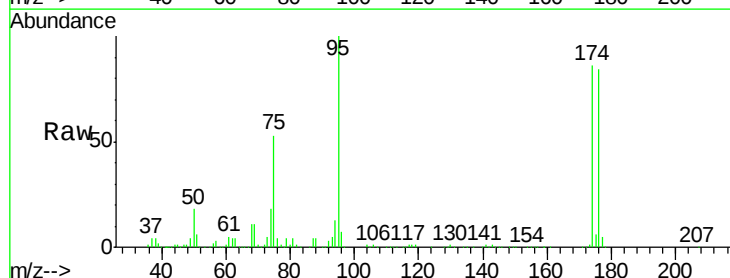
Tgt Ion: 95 Resp: 108389

Ion Ratio Lower Upper

95 100

174 92.8 0.0 191.2

176 88.7 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

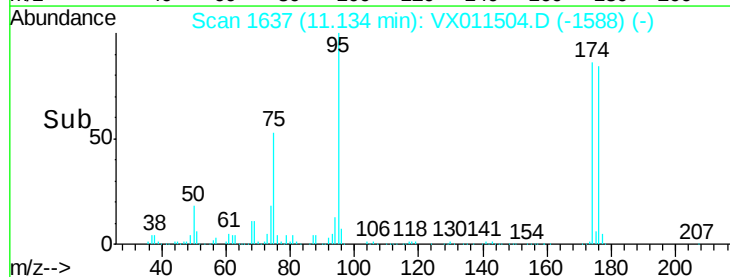
60000

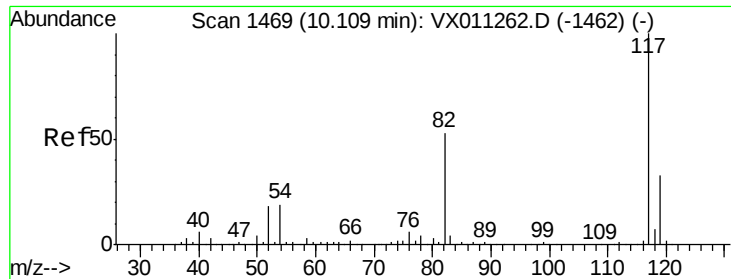
40000

20000

0

Time--> 11.10 11.20

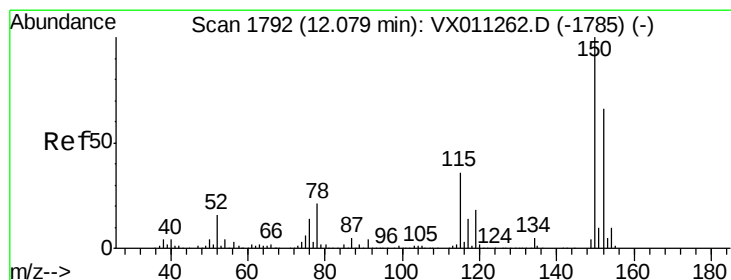
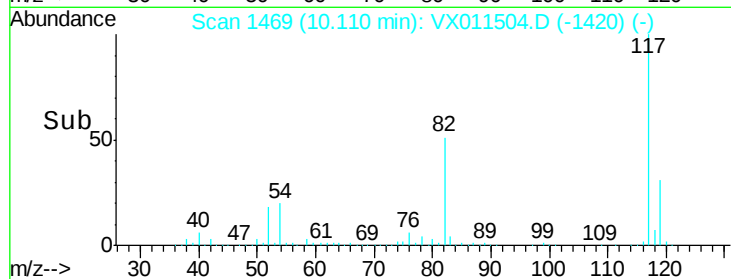
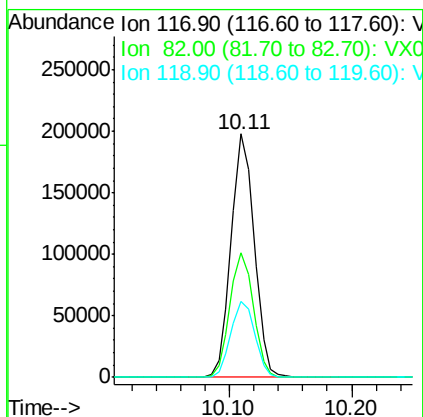
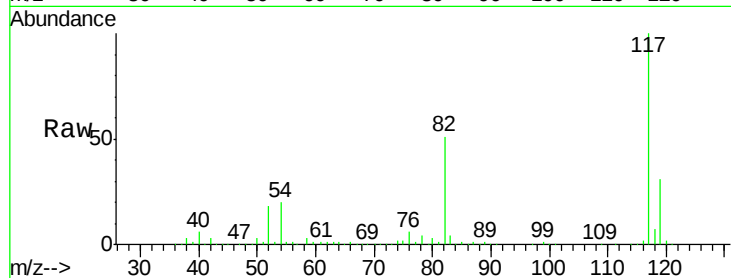




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011504.D
Acq: 13 Aug 2019 00:03

Instrument :
MSVOA_X
ClientSampled :
2S-J(0)

Tot Ion:117 Resp: 258850
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 31.2 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: VX011504.D
Acq: 13 Aug 2019 00:03

Tgt Ion:152 Resp: 114157
Ion Ratio Lower Upper
152 100
115 55.7 40.0 119.9
150 156.1 0.0 350.4

