

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011527.D
 Acq On : 13 Aug 2019 11:47
 Operator : JC/SP
 Sample : K4279-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB-2019-1

Quant Time: Aug 14 01:25:21 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	194957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114203	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	109648	55.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.70%	
35) Dibromofluoromethane	5.49	113	90258	47.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	344285	47.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.13	95	113882	44.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.04%	

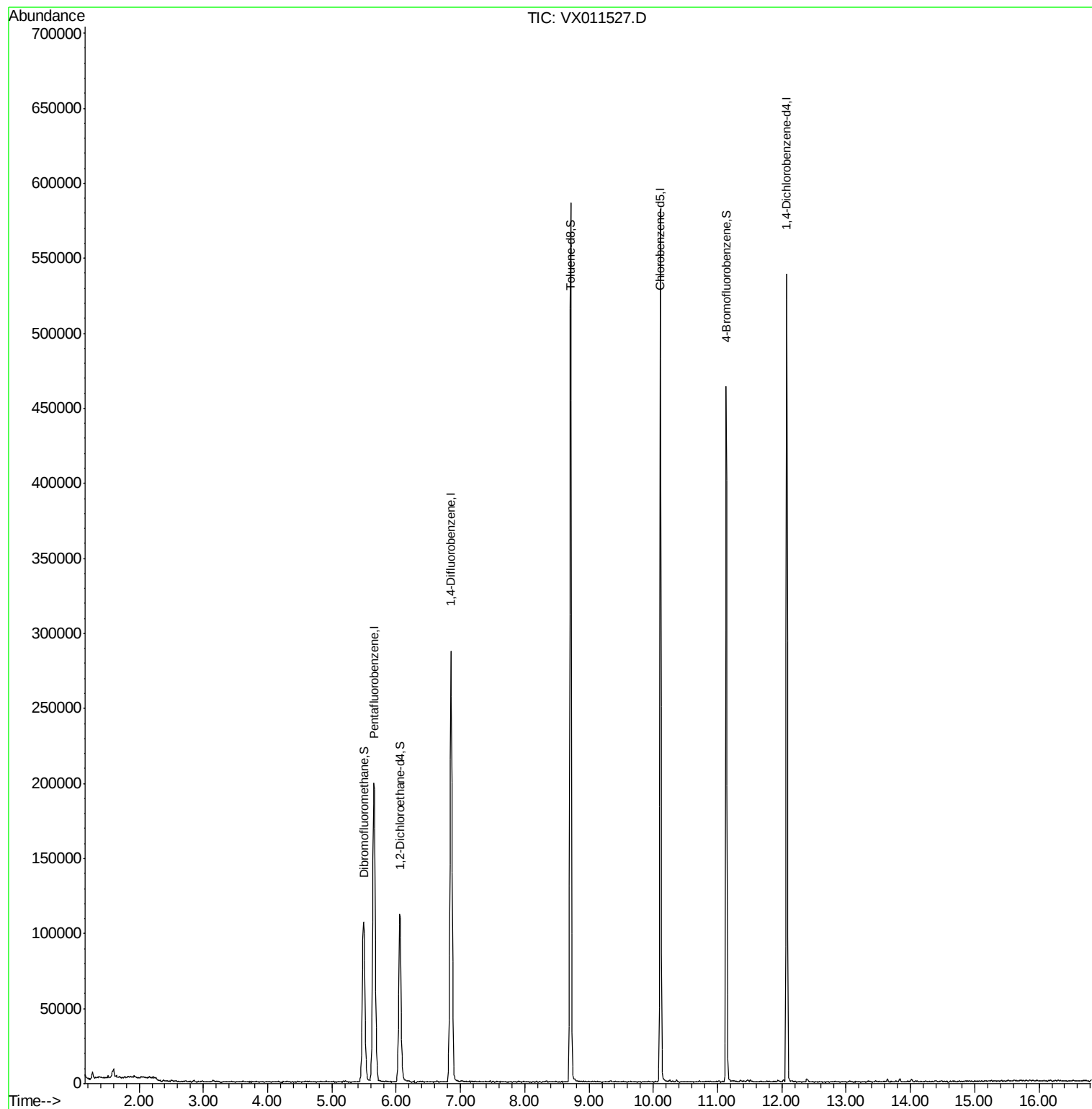
Target Compounds	Qvalue

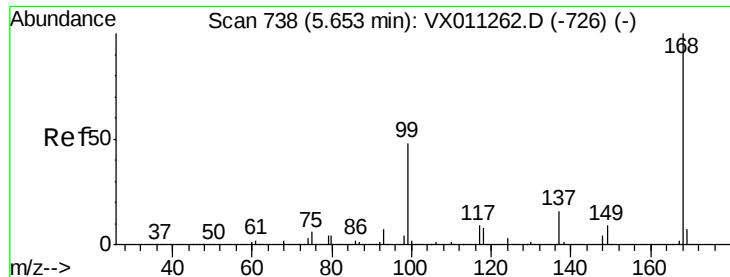
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011527.D

Acq: 13 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

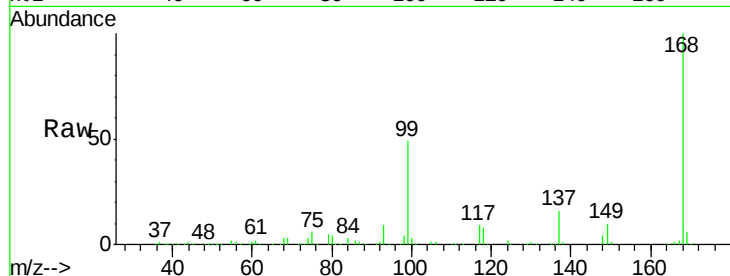
Z3-TB-2019-1

Tot Ion:168 Resp: 194957

Ion Ratio Lower Upper

168 100

99 49.2 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

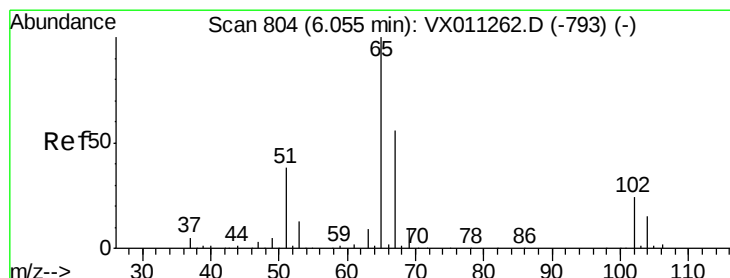
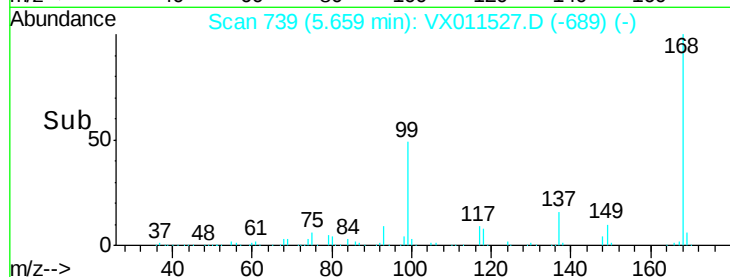
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.848 ug/l

RT: 6.05 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011527.D

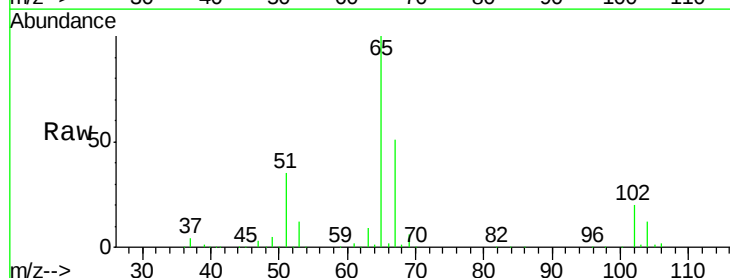
Acq: 13 Aug 2019 11:47

Tgt Ion: 65 Resp: 109648

Ion Ratio Lower Upper

65 100

67 51.0 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

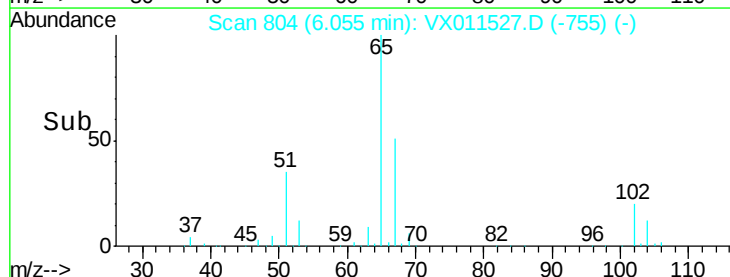
30000

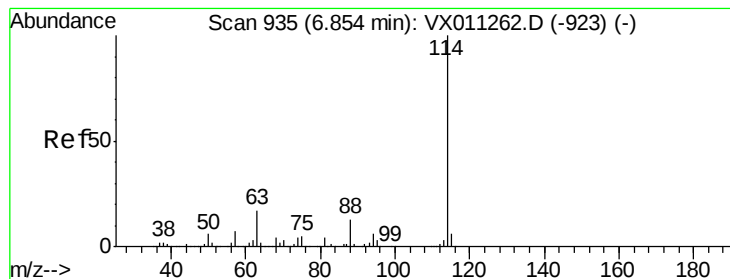
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011527.D

Acq: 13 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB-2019-1

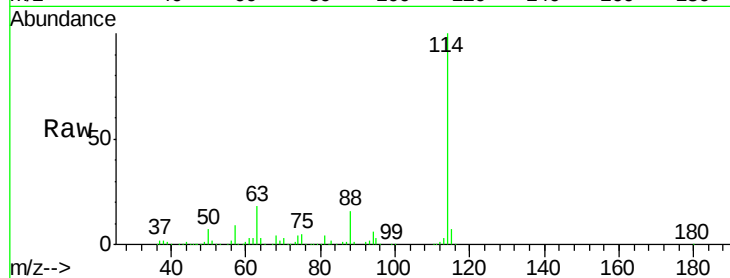
Tot Ion:114 Resp: 294025

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

88 15.6 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

150000

100000

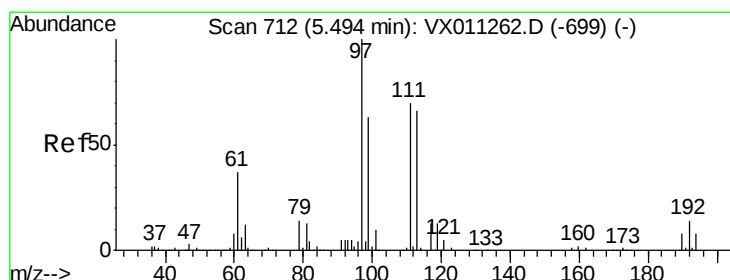
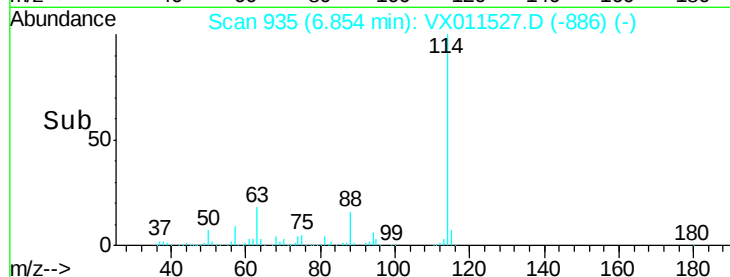
50000

0

6.85

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.019 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011527.D

Acq: 13 Aug 2019 11:47

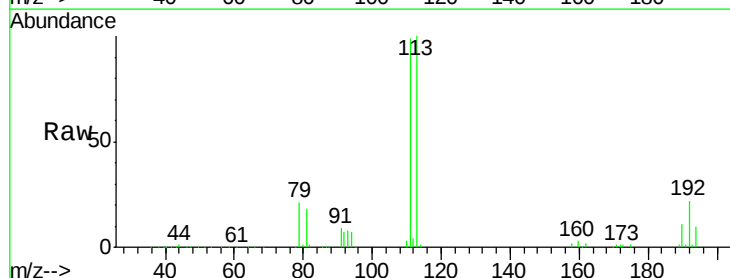
Tgt Ion:113 Resp: 90258

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 22.2 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

40000

30000

20000

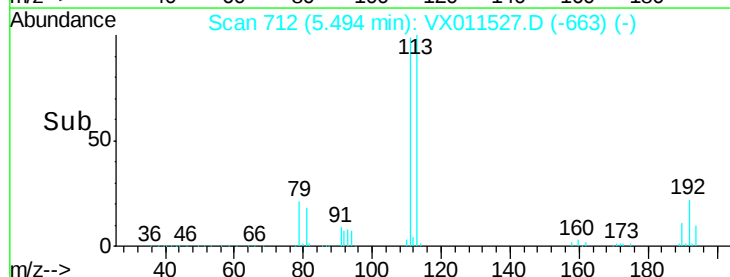
10000

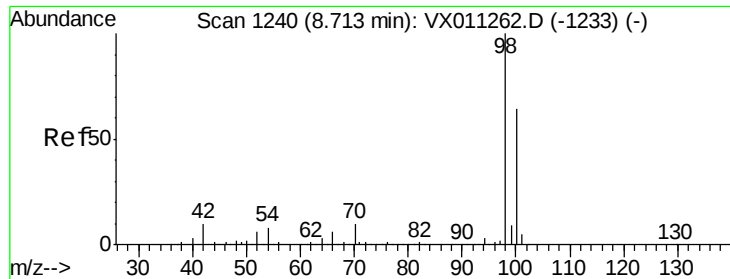
0

5.49

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 47.514 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011527.D

Acq: 13 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

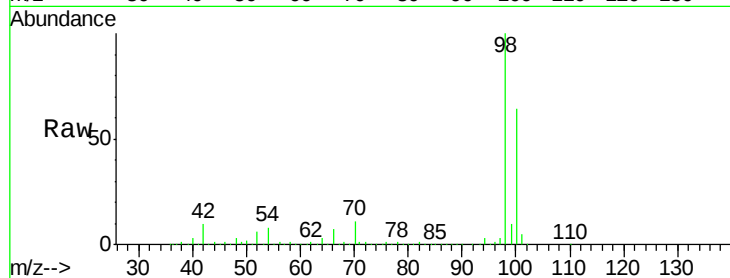
Z3-TB-2019-1

Tot Ion: 98 Resp: 344285

Ion Ratio Lower Upper

98 100

100 63.8 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

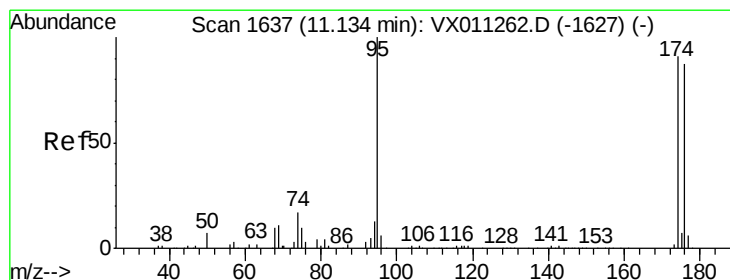
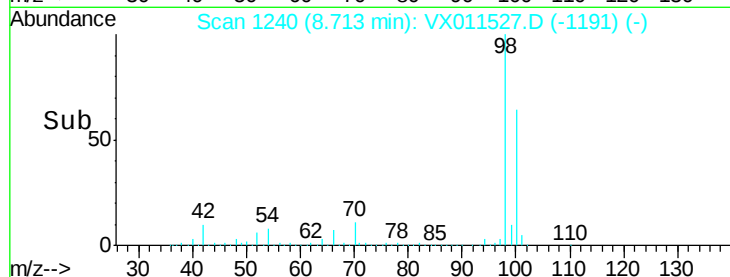
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.020 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011527.D

Acq: 13 Aug 2019 11:47

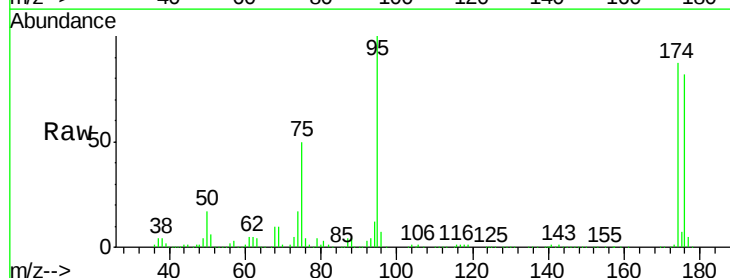
Tgt Ion: 95 Resp: 113882

Ion Ratio Lower Upper

95 100

174 89.6 0.0 191.2

176 86.7 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

11.13

120000

100000

80000

60000

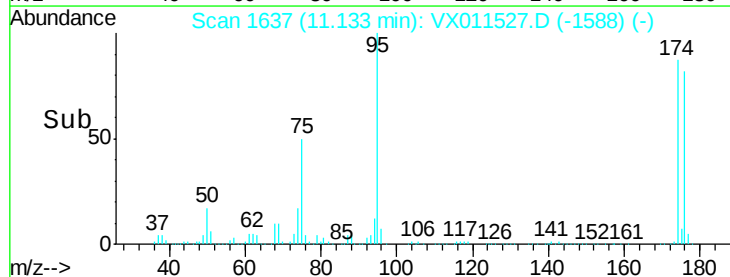
40000

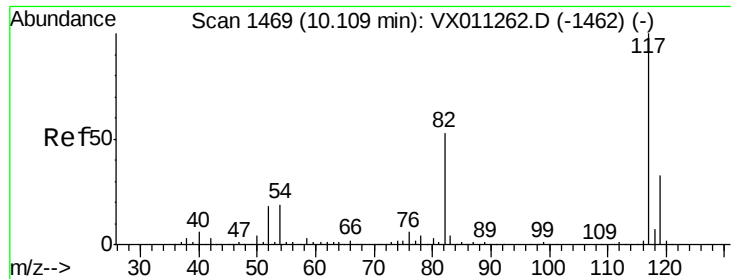
20000

0

Time-->

11.05 11.10 11.15 11.20

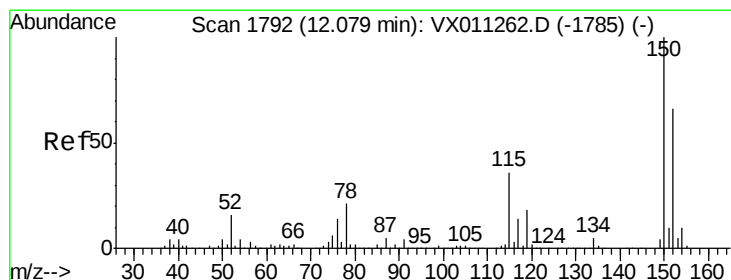
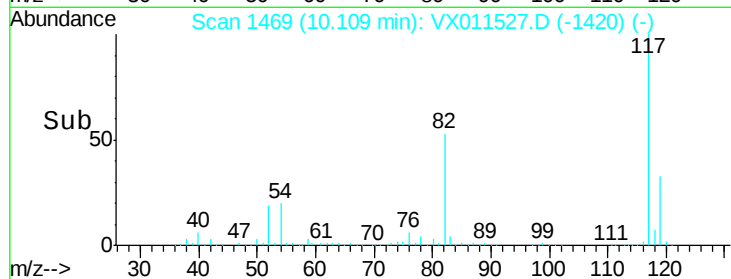
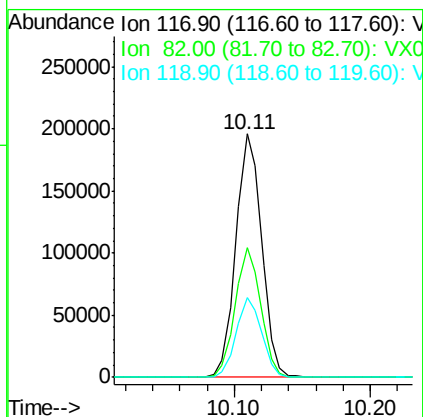
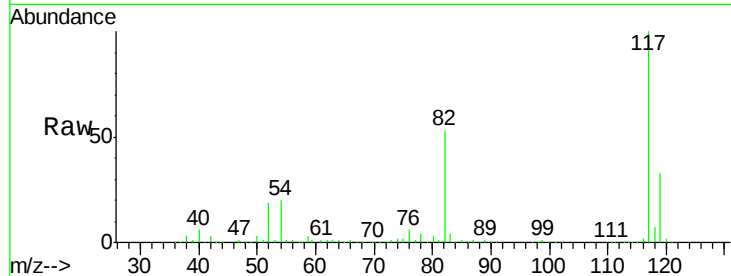




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011527.D
Acq: 13 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampled :
Z3-TB-2019-1

Tot Ion:117 Resp: 259692
Ion Ratio Lower Upper
117 100
82 53.4 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: VX011527.D
Acq: 13 Aug 2019 11:47

Tgt Ion:152 Resp: 114203
Ion Ratio Lower Upper
152 100
115 56.8 40.0 119.9
150 158.3 0.0 350.4

