

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004558.D
 Acq On : 15 Sep 2018 02:43
 Operator : JC/MD
 Sample : J4924-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LCTB01-180913

Quant Time: Sep 17 16:00:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	173090	56.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.24%	
35) Dibromofluoromethane	5.51	113	156042	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.72	98	524326	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.14	95	170126	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	

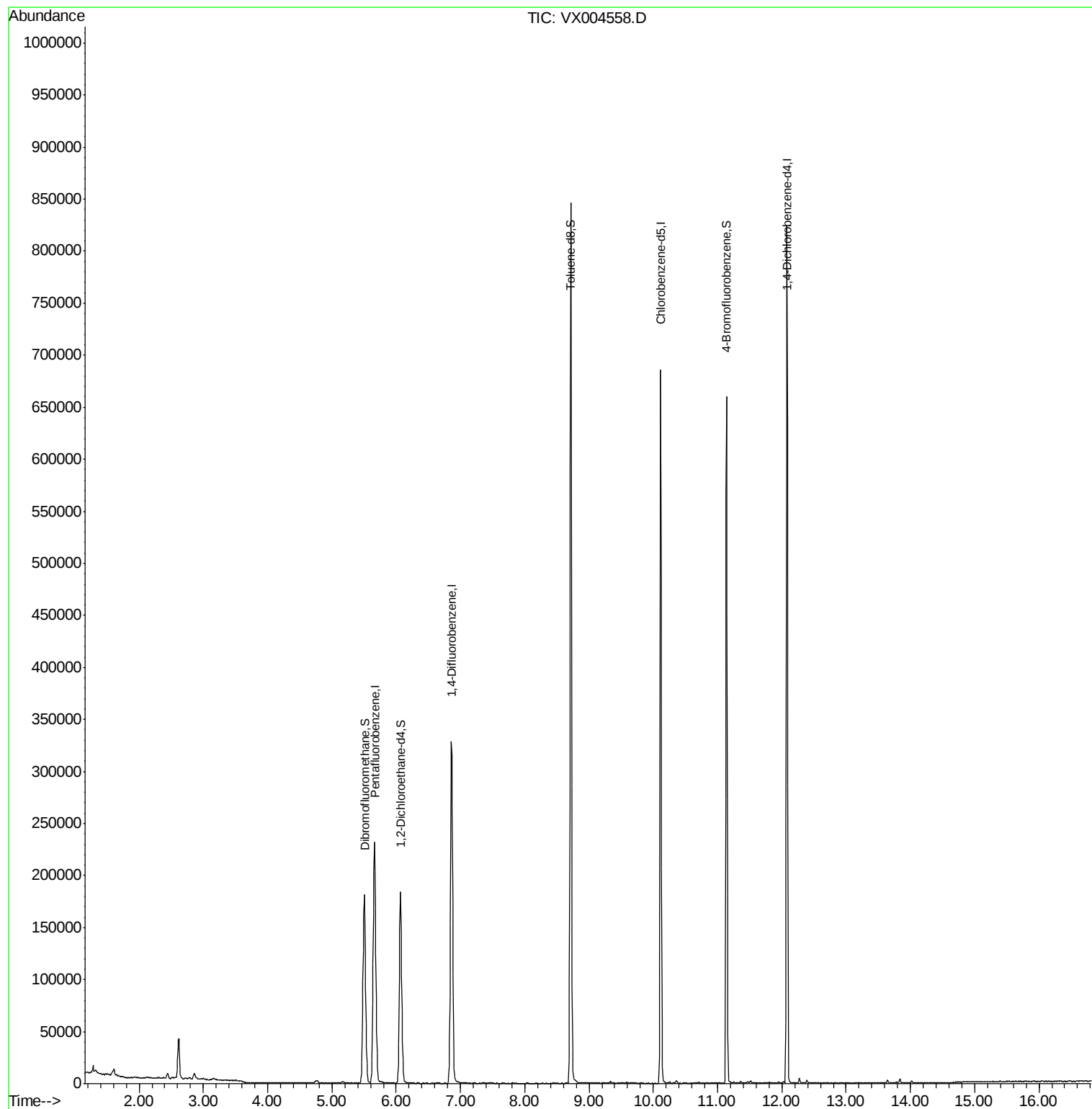
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004558.D

Acq: 15 Sep 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

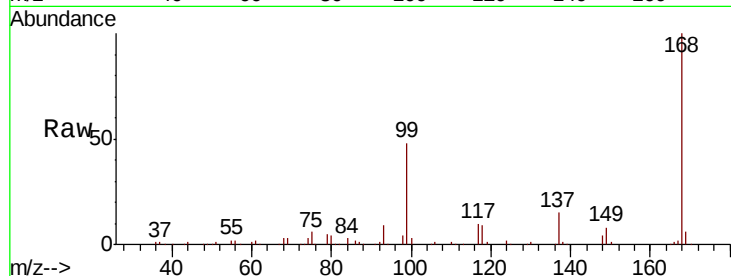
LCTB01-180913

Tot Ion:168 Resp: 237110

Ion Ratio Lower Upper

168 100

99 47.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

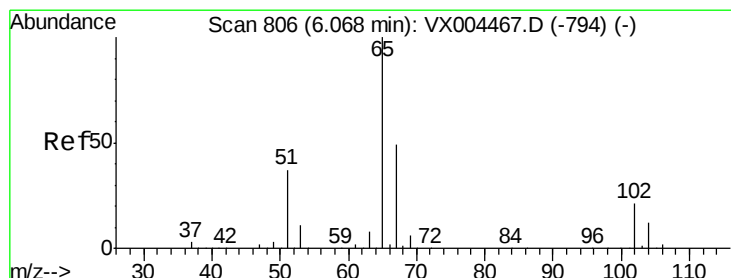
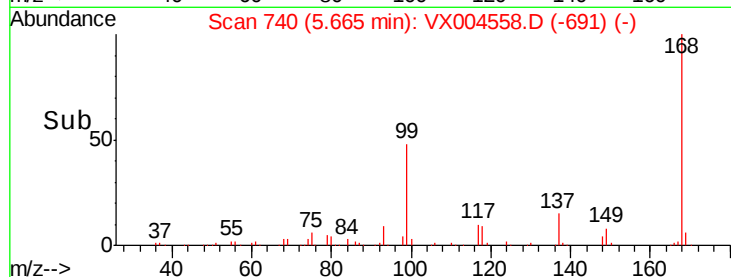
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 56.62 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004558.D

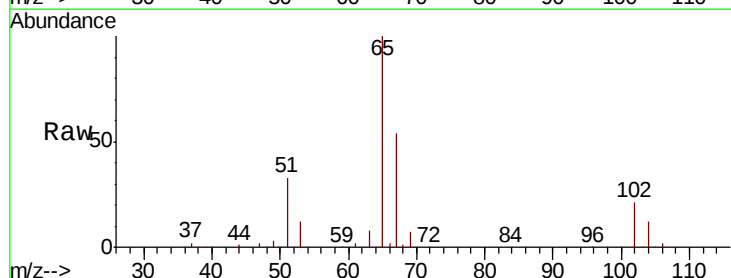
Acq: 15 Sep 2018 02:43

Tgt Ion: 65 Resp: 173090

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

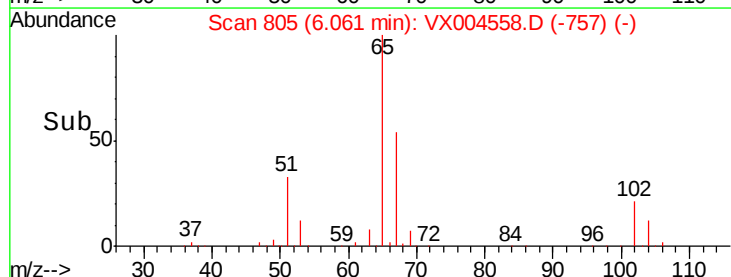
60000

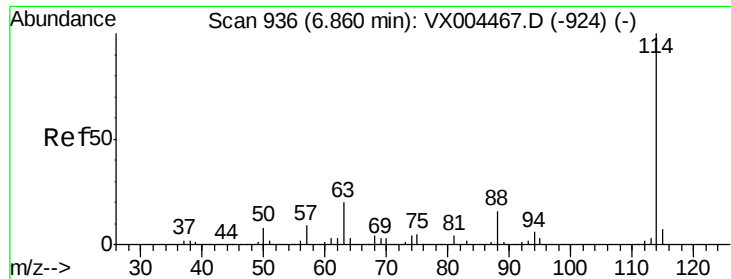
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

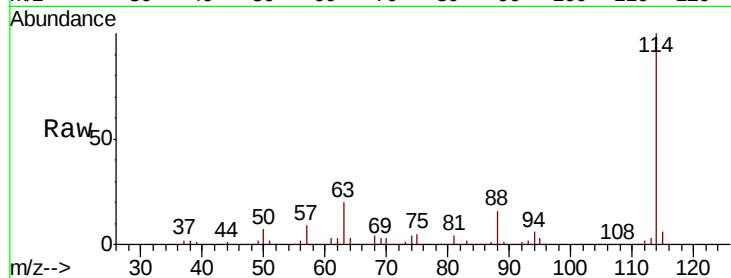




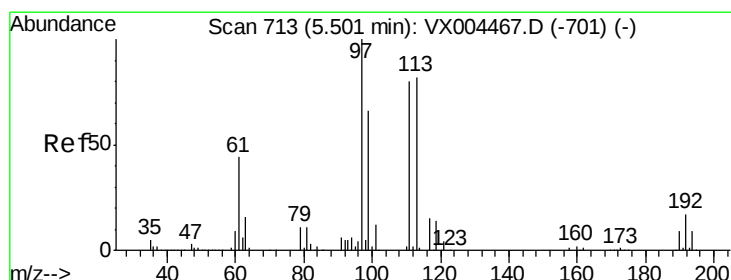
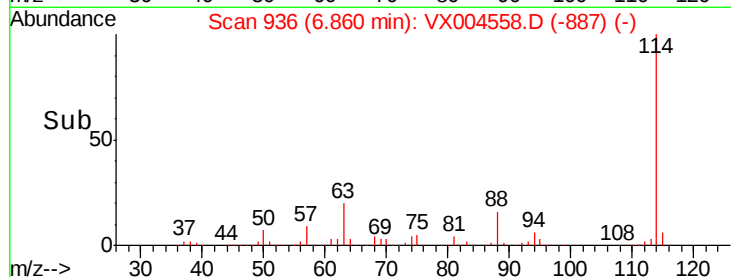
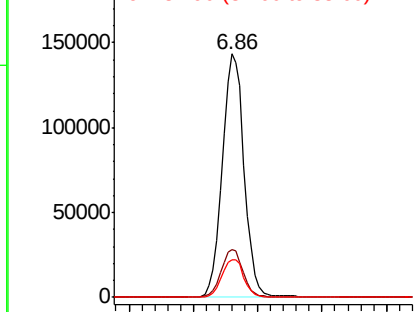
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004558.D
 Acq: 15 Sep 2018 02:43

Instrument :
 MSVOA_X
 ClientSampleId :
 LCTB01-180913

Tot Ion:114 Resp: 344563
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.5 0.0 30.4

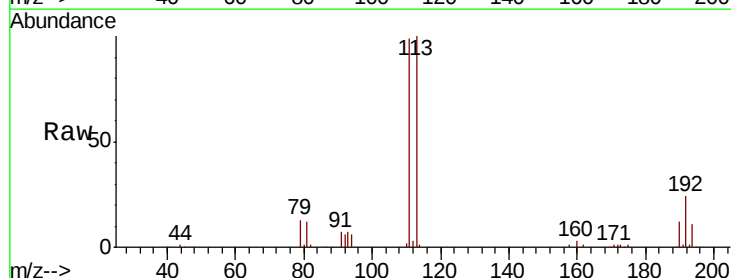


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

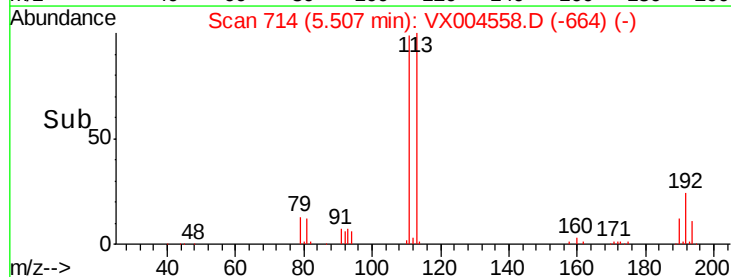
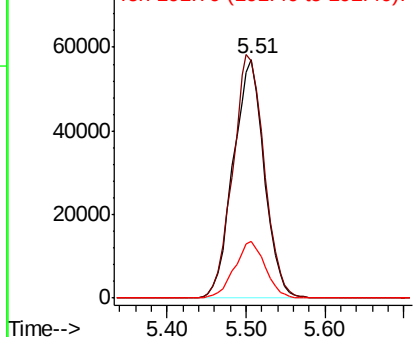


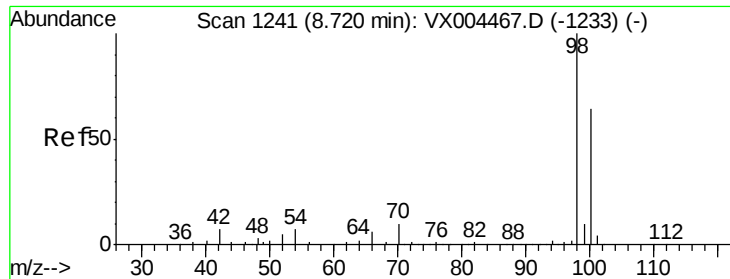
#35
 Dibromofluoromethane
 Concen: 49.49 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004558.D
 Acq: 15 Sep 2018 02:43

Tgt Ion:113 Resp: 156042
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 23.6 19.4 29.2



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





#50

Toluene-d8

Concen: 49.59 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004558.D

Acq: 15 Sep 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

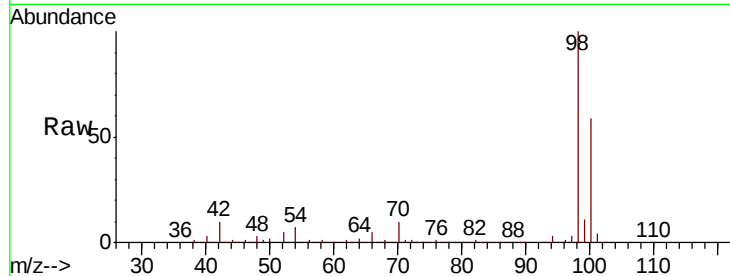
LCTB01-180913

Tot Ion: 98 Resp: 524326

Ion Ratio Lower Upper

98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

400000

300000

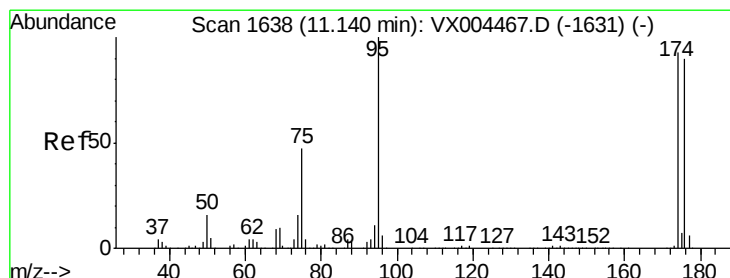
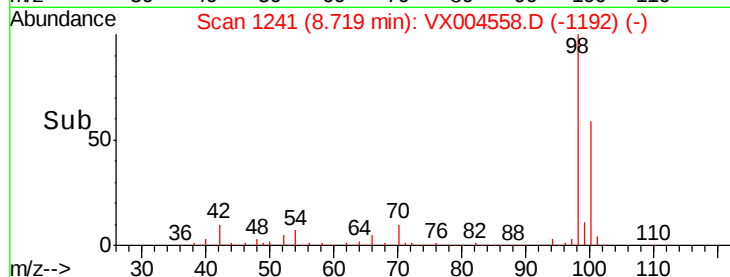
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 45.07 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004558.D

Acq: 15 Sep 2018 02:43

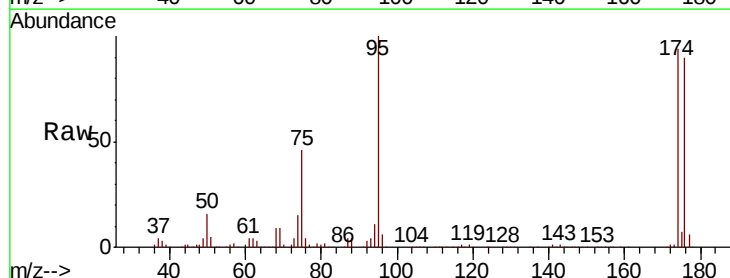
Tgt Ion: 95 Resp: 170126

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.2

176 89.0 0.0 178.6



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

150000

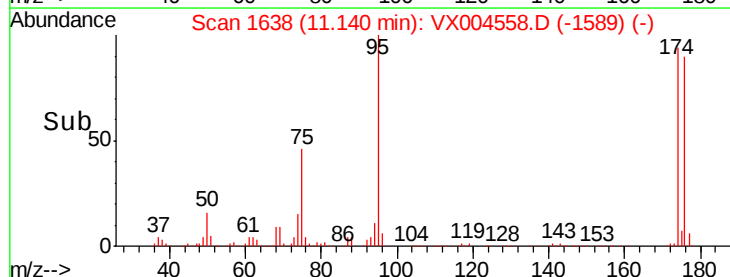
100000

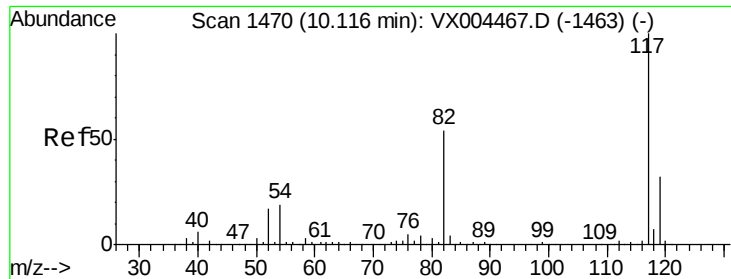
50000

0

11.10 11.14 11.18 11.22

Time-->

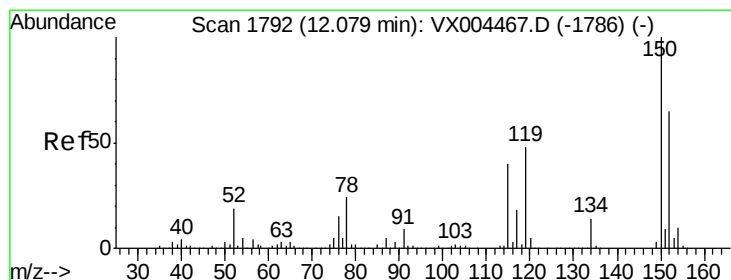
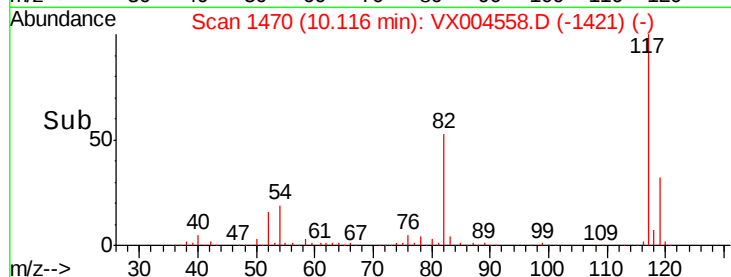
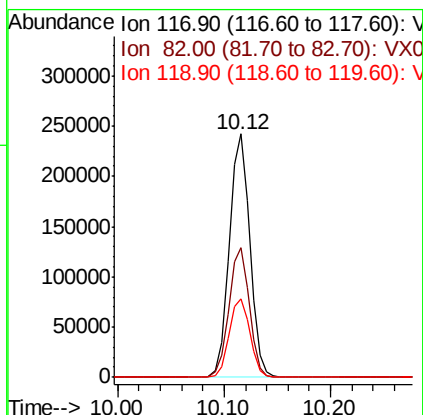
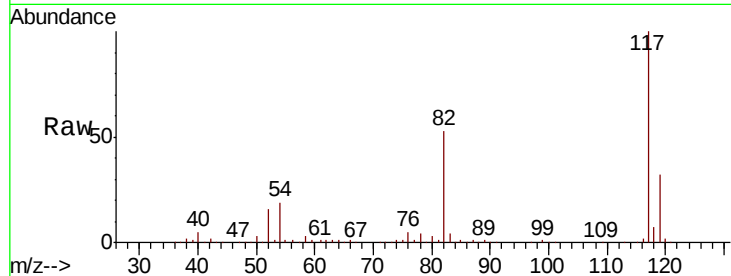




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004558.D
Acq: 15 Sep 2018 02:43

Instrument :
MSVOA_X
ClientSampleId :
LCTB01-180913

Tot Ion:117 Resp: 328345
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 32.4 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004558.D
Acq: 15 Sep 2018 02:43

Tgt Ion:152 Resp: 176113
Ion Ratio Lower Upper
152 100
115 55.0 39.0 117.0
150 157.1 0.0 351.0

