

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003793.D
 Acq On : 01 Aug 2018 14:50
 Operator : JC/SP
 Sample : VX0801SBL01
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBL01

Quant Time: Aug 02 06:33:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	99494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	134378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	121373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	45367	45.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	5.50	113	39850	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.71	98	165853	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	57043	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

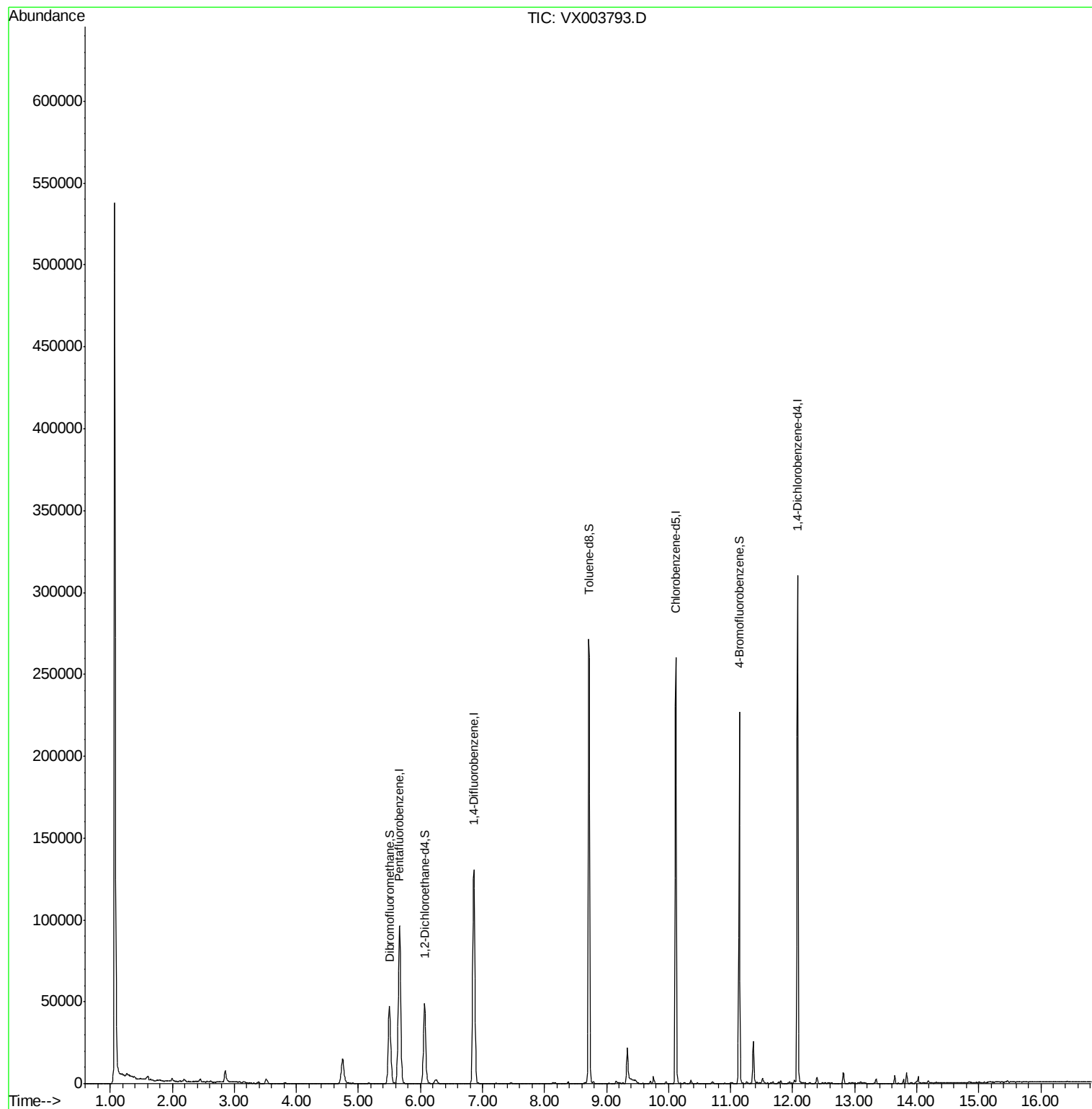
Target Compounds	Qvalue
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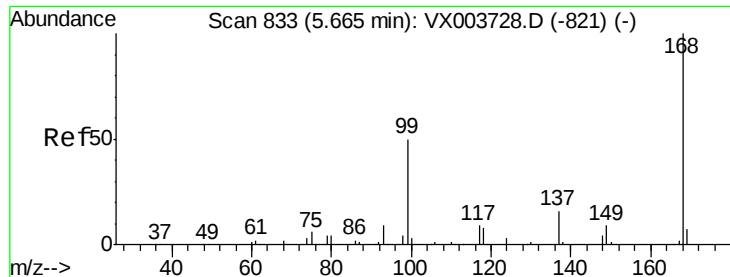
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003793.D

Acq: 01 Aug 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

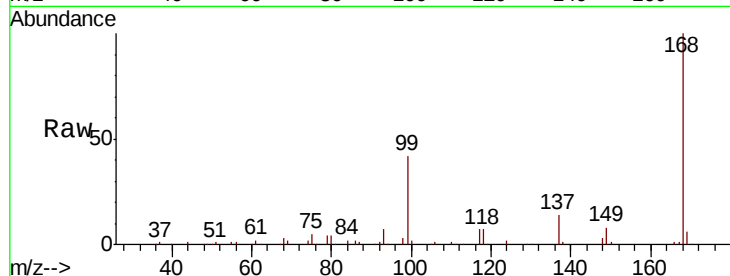
VX0801SBL01

Tot Ion:168 Resp: 99494

Ion Ratio Lower Upper

168 100

99 42.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VX003728.D (-821) (-)

Ion 98.90 (98.60 to 99.60): VX003728.D (-821) (-)

5.67

40000

30000

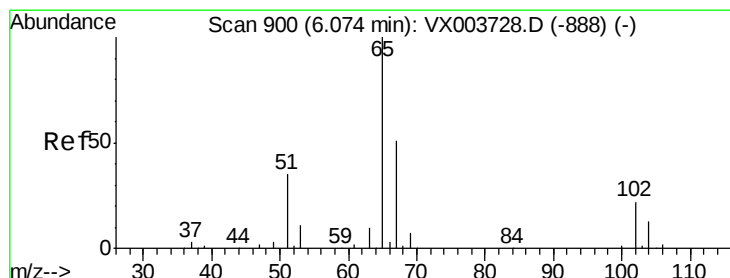
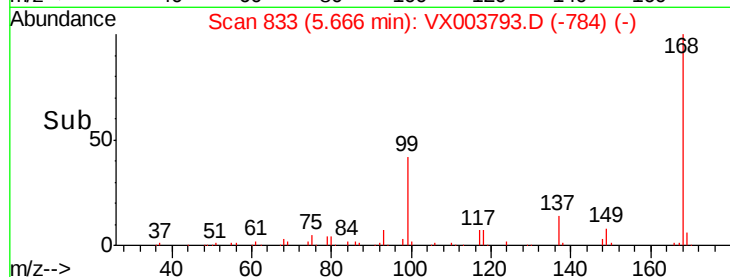
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.085 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX003793.D

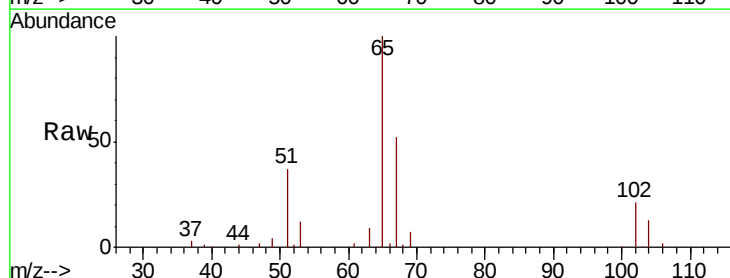
Acq: 01 Aug 2018 14:50

Tgt Ion: 65 Resp: 45367

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX003728.D (-888) (-)

Ion 66.90 (66.60 to 67.60): VX003728.D (-888) (-)

6.06

20000

15000

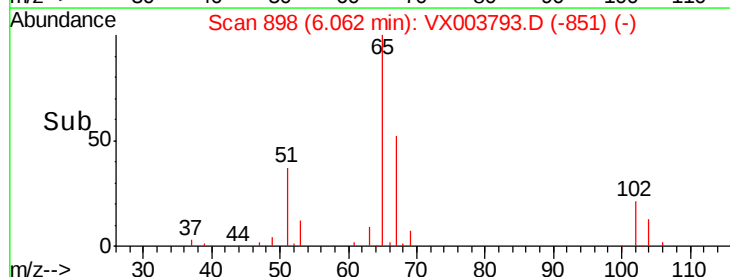
10000

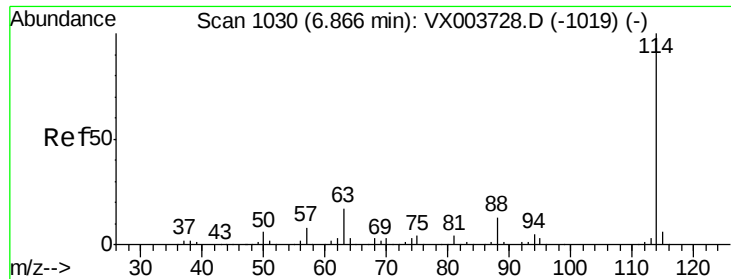
5000

0

6.00 6.10 6.20

Time-->

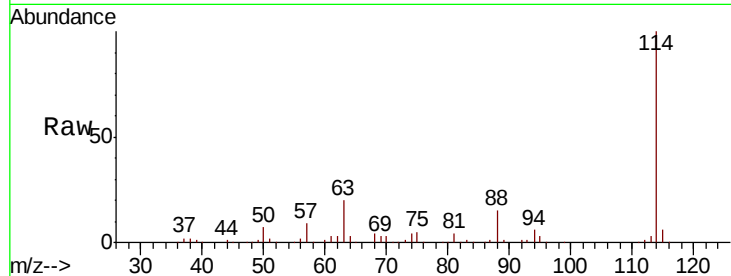




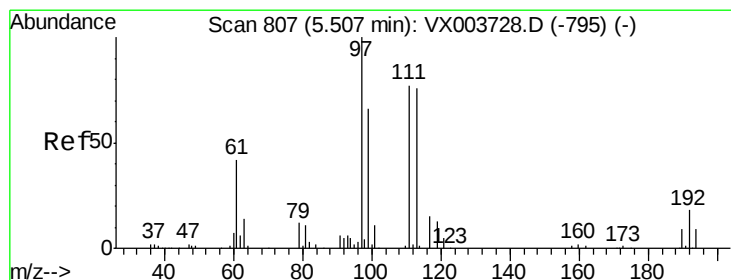
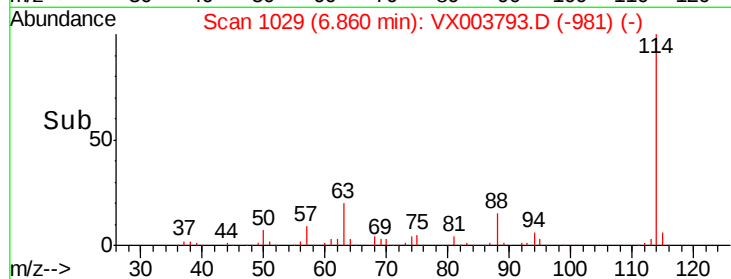
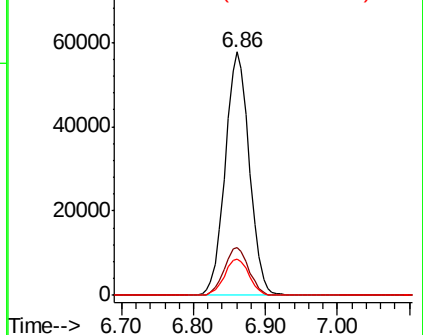
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003793.D
 Acq: 01 Aug 2018 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	34.0
88	15.0	0.0	26.4

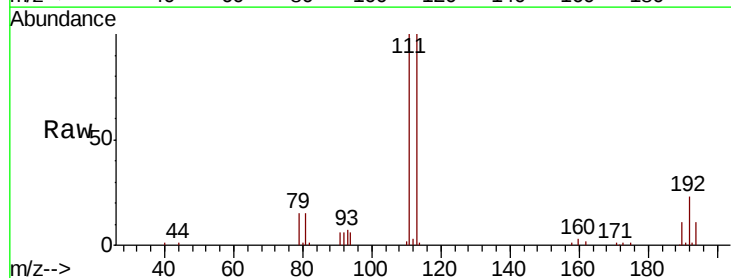


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

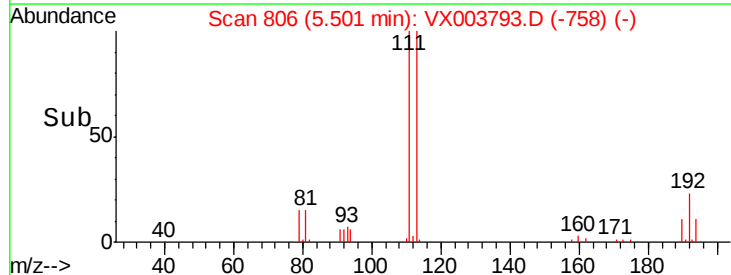
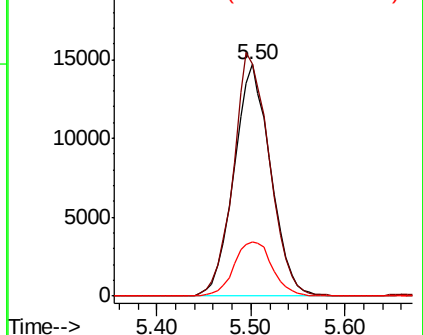


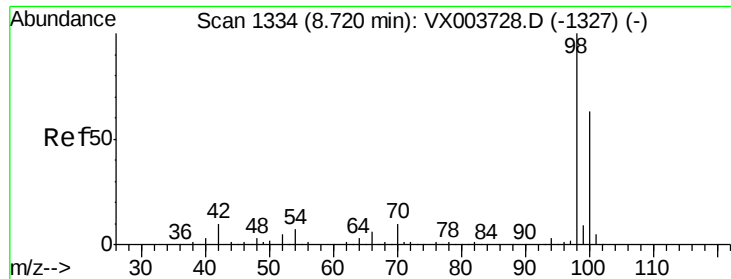
#35
 Dibromofluoromethane
 Concen: 50.363 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003793.D
 Acq: 01 Aug 2018 14:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.6
192	24.6	18.8	28.2



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: 50.274 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003793.D

Acq: 01 Aug 2018 14:50

Instrument :

MSVOA_X

ClientSampleId :

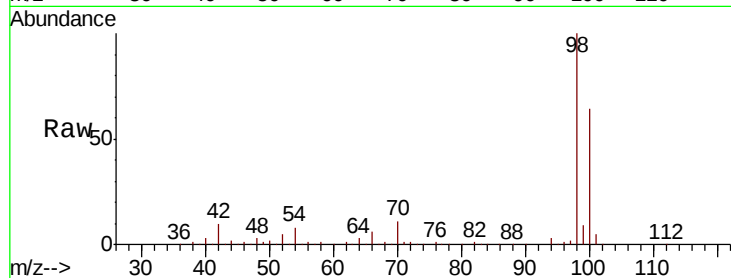
VX0801SBL01

Tot Ion: 98 Resp: 165853

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

120000

100000

80000

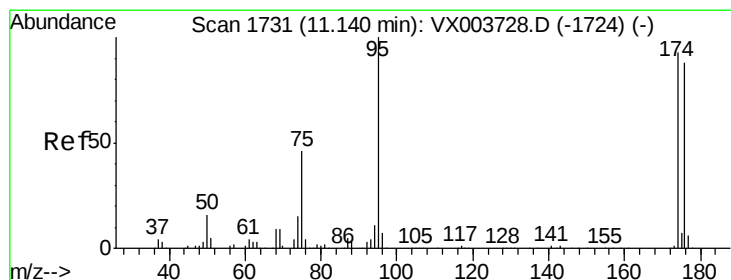
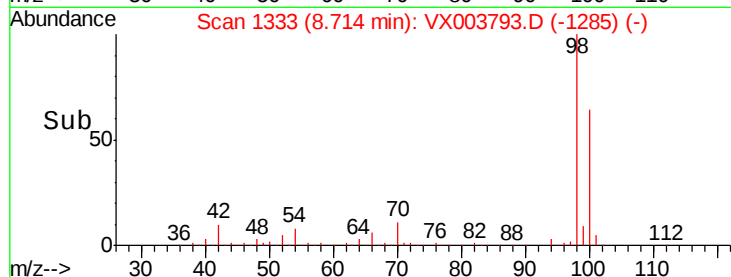
60000

40000

20000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.896 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003793.D

Acq: 01 Aug 2018 14:50

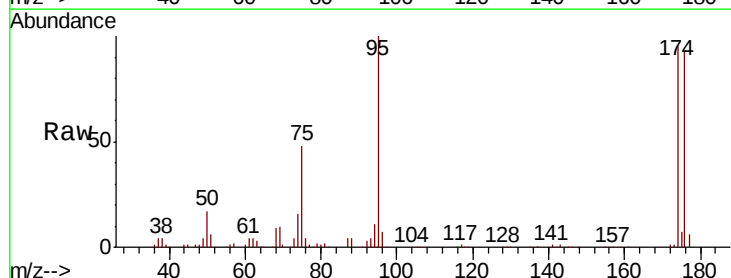
Tgt Ion: 95 Resp: 57043

Ion Ratio Lower Upper

95 100

174 94.0 0.0 186.2

176 90.2 0.0 179.2



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

60000

50000

40000

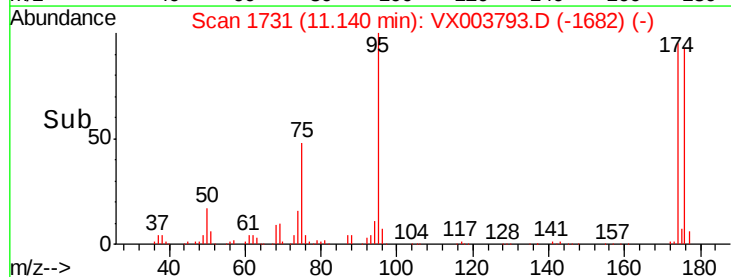
30000

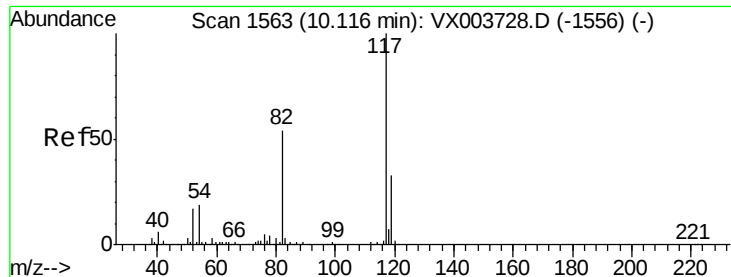
20000

10000

0

Time--> 11.05 11.10 11.15 11.20

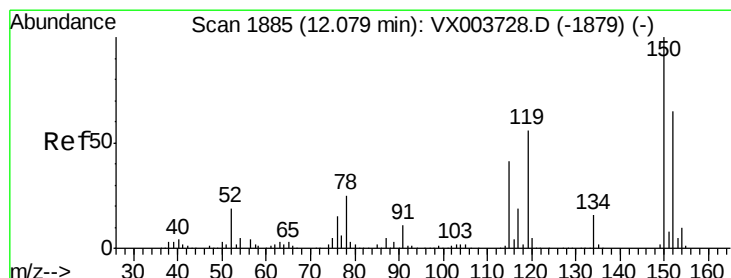
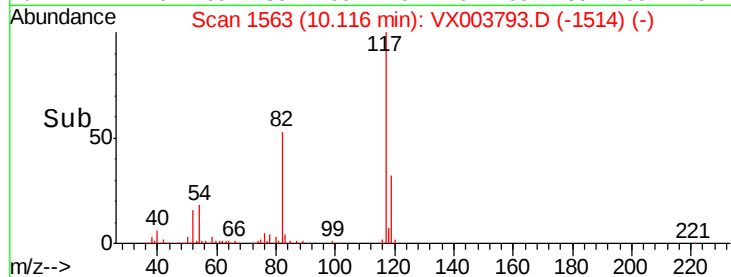
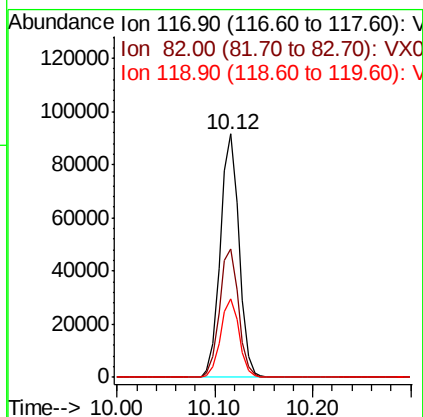
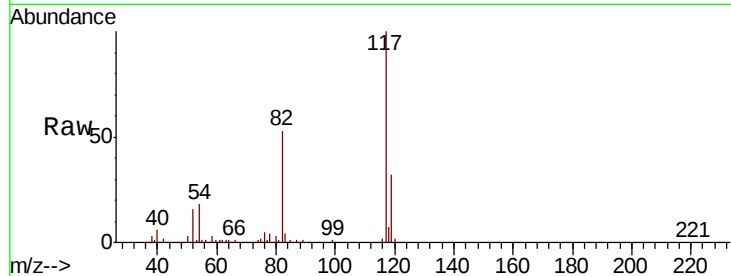




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003793.D
Acq: 01 Aug 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0801SBL01

Tot Ion:117 Resp: 121373
Ion Ratio Lower Upper
117 100
82 52.9 43.2 64.8
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003793.D
Acq: 01 Aug 2018 14:50

Tgt Ion:152 Resp: 65646
Ion Ratio Lower Upper
152 100
115 54.0 38.5 115.3
150 155.9 0.0 346.2

