

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003873.D
 Acq On : 07 Aug 2018 11:11
 Operator : JC/MD
 Sample : VX0807WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

Quant Time: Aug 08 01:32:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	452052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201219	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.50	113	166848	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.71	98	634718	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.14	95	197714	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

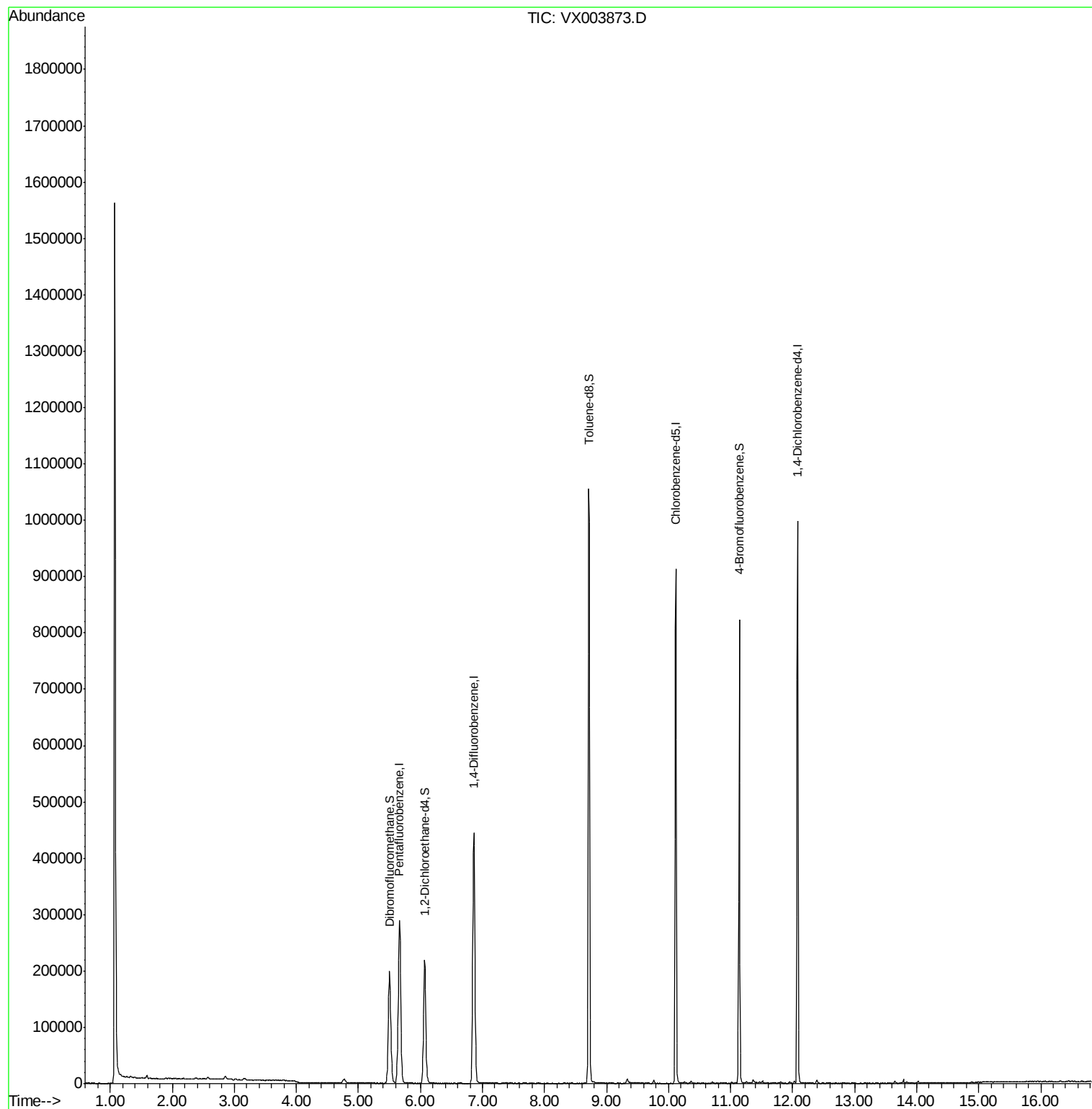
Target Compounds	Qvalue

(#) = 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# 833

Delta R.T. 0.00 min

Lab File: VX003873.D

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Instrument :

MSVOA_X

ClientSampleId :

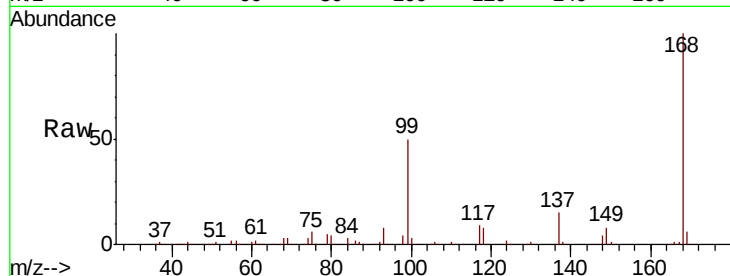
VX0807WBL01

Tot Ion:168 Resp: 295347

Ion Ratio Lower Upper

168 100

99 50.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

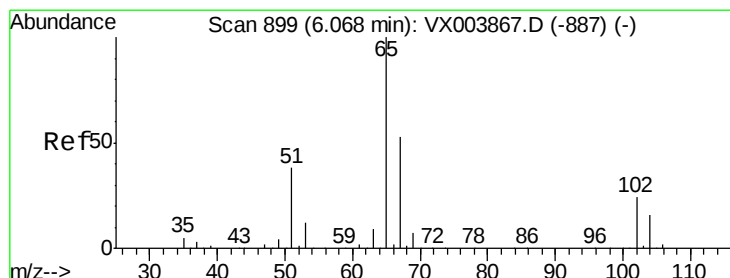
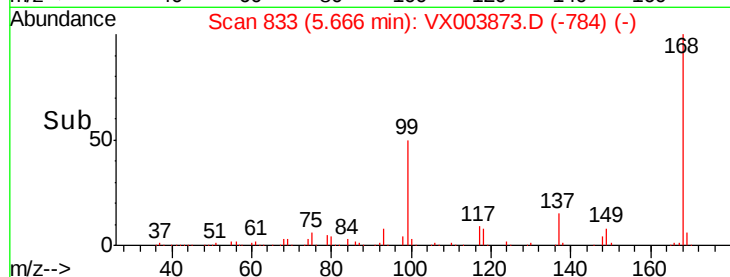
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.40 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003873.D

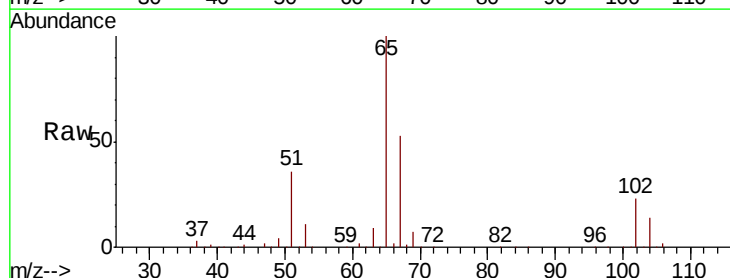
Acq: 07 Aug 2018 11:11

Tgt Ion: 65 Resp: 201219

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

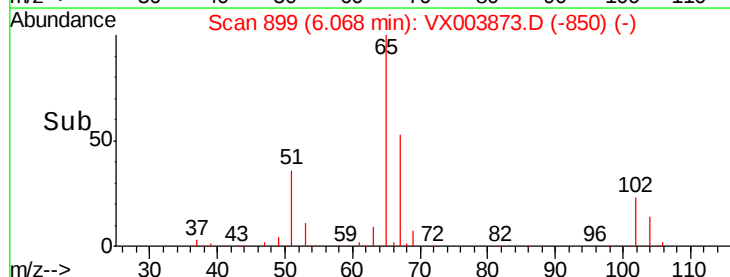
60000

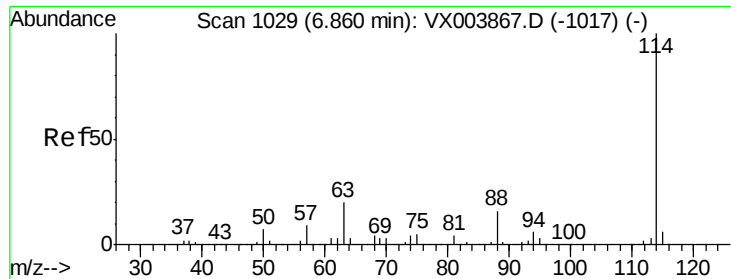
40000

20000

0

Time--> 6.00 6.10 6.20

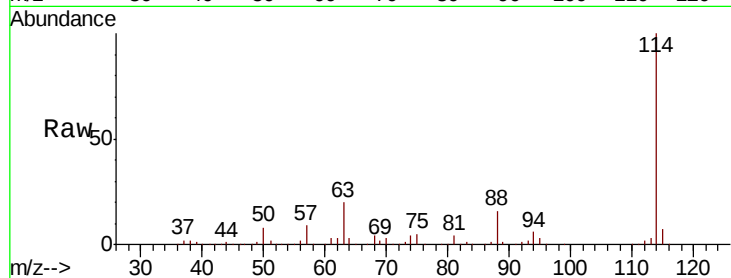




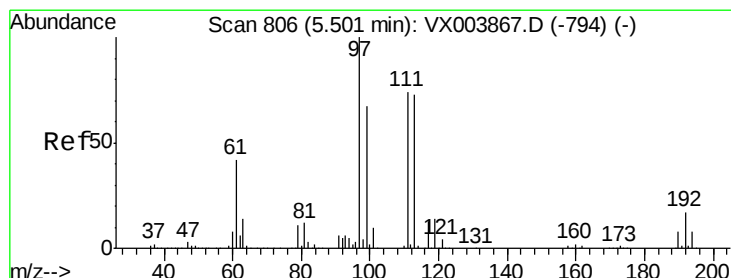
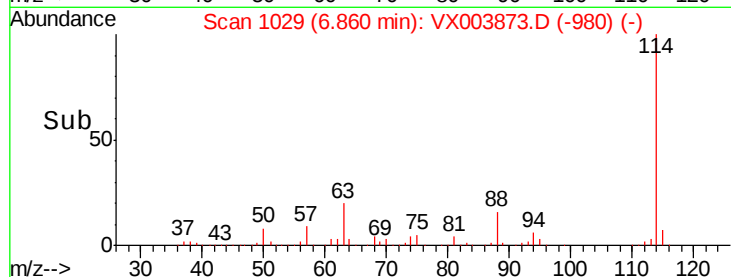
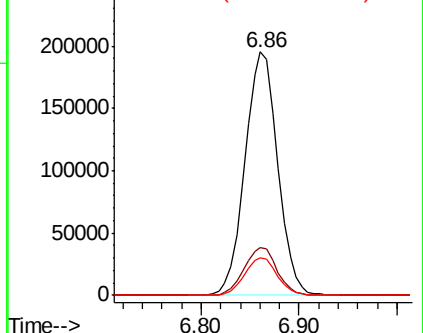
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003873.D
 Acq: 07 Aug 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

Tot Ion:114 Resp: 452052
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 32.0

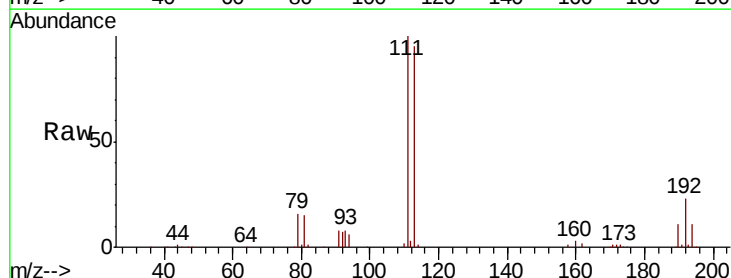


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

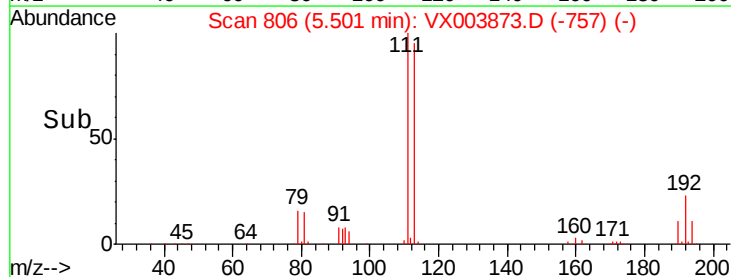
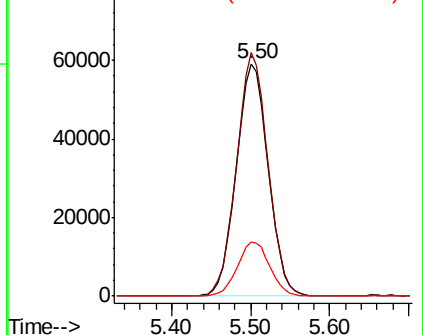


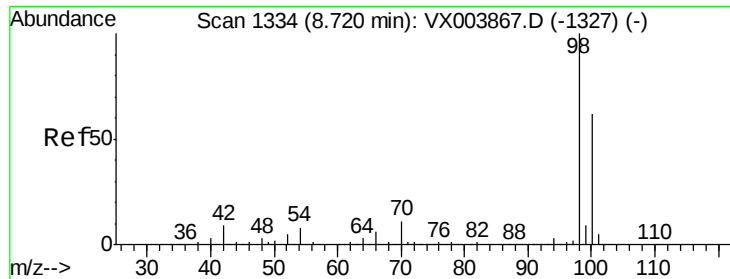
#35
 Dibromofluoromethane
 Concen: 48.72 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003873.D
 Acq: 07 Aug 2018 11:11

Tgt Ion:113 Resp: 166848
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.6 19.0 28.4



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: 47.66 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003873.D

Acq: 07 Aug 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

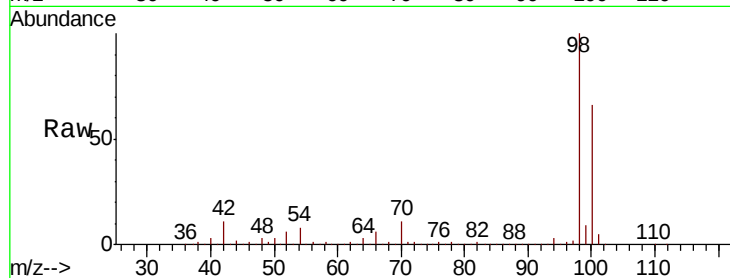
VX0807WBL01

Tot Ion: 98 Resp: 634718

Ion Ratio Lower Upper

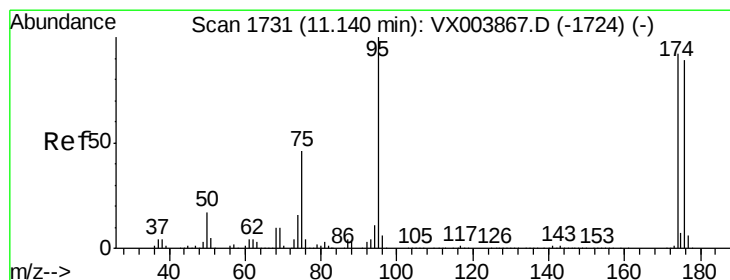
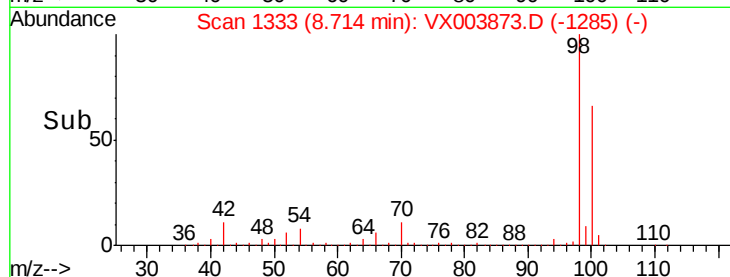
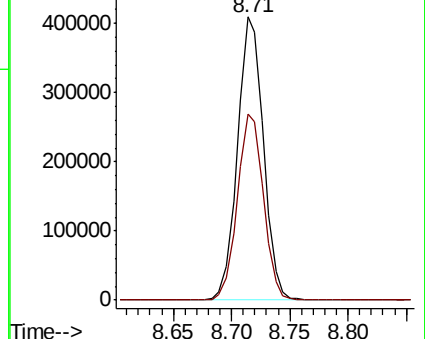
98 100

100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003873.D

Acq: 07 Aug 2018 11:11

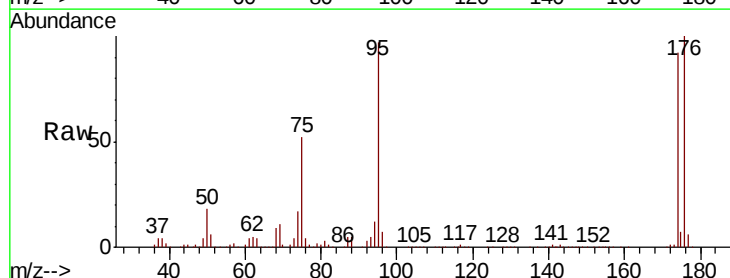
Tgt Ion: 95 Resp: 197714

Ion Ratio Lower Upper

95 100

174 90.2 0.0 182.8

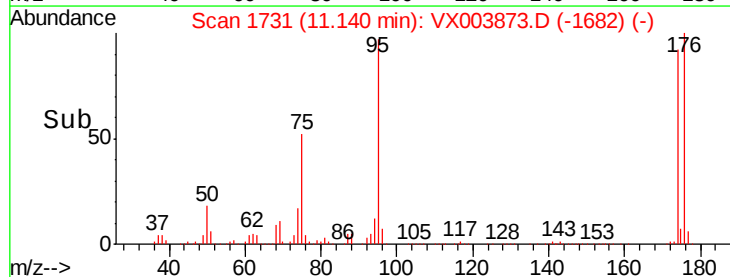
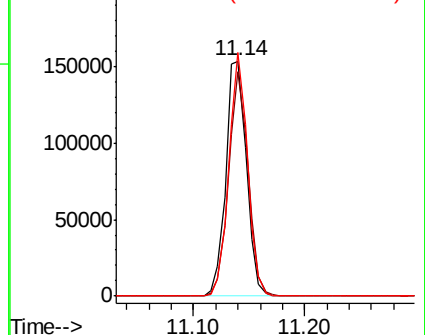
176 93.6 0.0 179.0

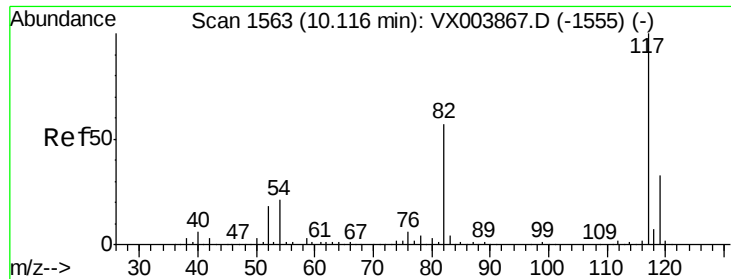


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

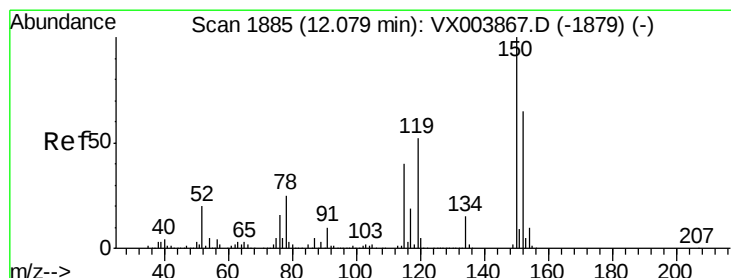
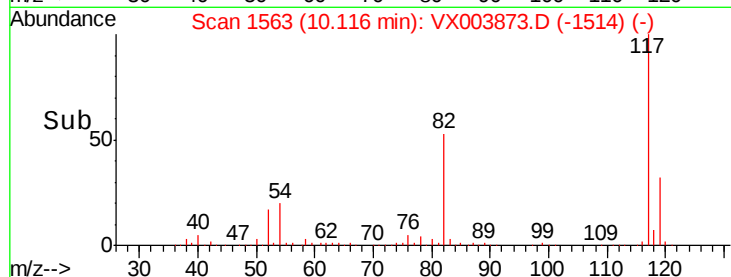
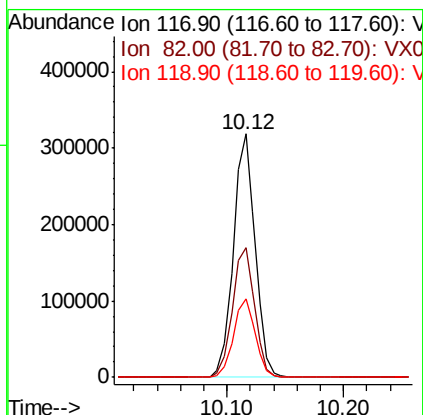
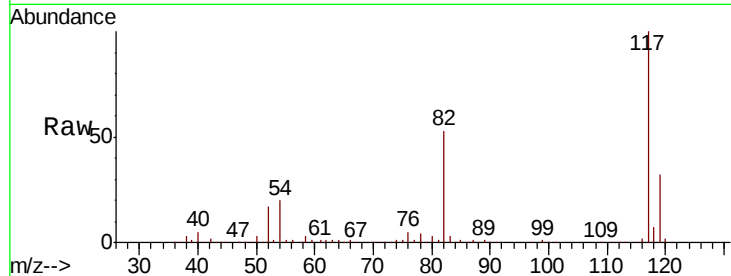




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003873.D
Acq: 07 Aug 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

Tot Ion:117 Resp: 413200
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003873.D
Acq: 07 Aug 2018 11:11

Tgt Ion:152 Resp: 207834
Ion Ratio Lower Upper
152 100
115 55.8 39.1 117.3
150 155.3 0.0 349.2

