

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004217.D
 Acq On : 23 Aug 2018 11:01
 Operator : JC/MD
 Sample : J4295-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIPBLANK

Quant Time: Aug 24 05:36:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	495711	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259476	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	214434	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
35) Dibromofluoromethane	5.50	113	186224	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	8.71	98	693870	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.14	95	246641	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	

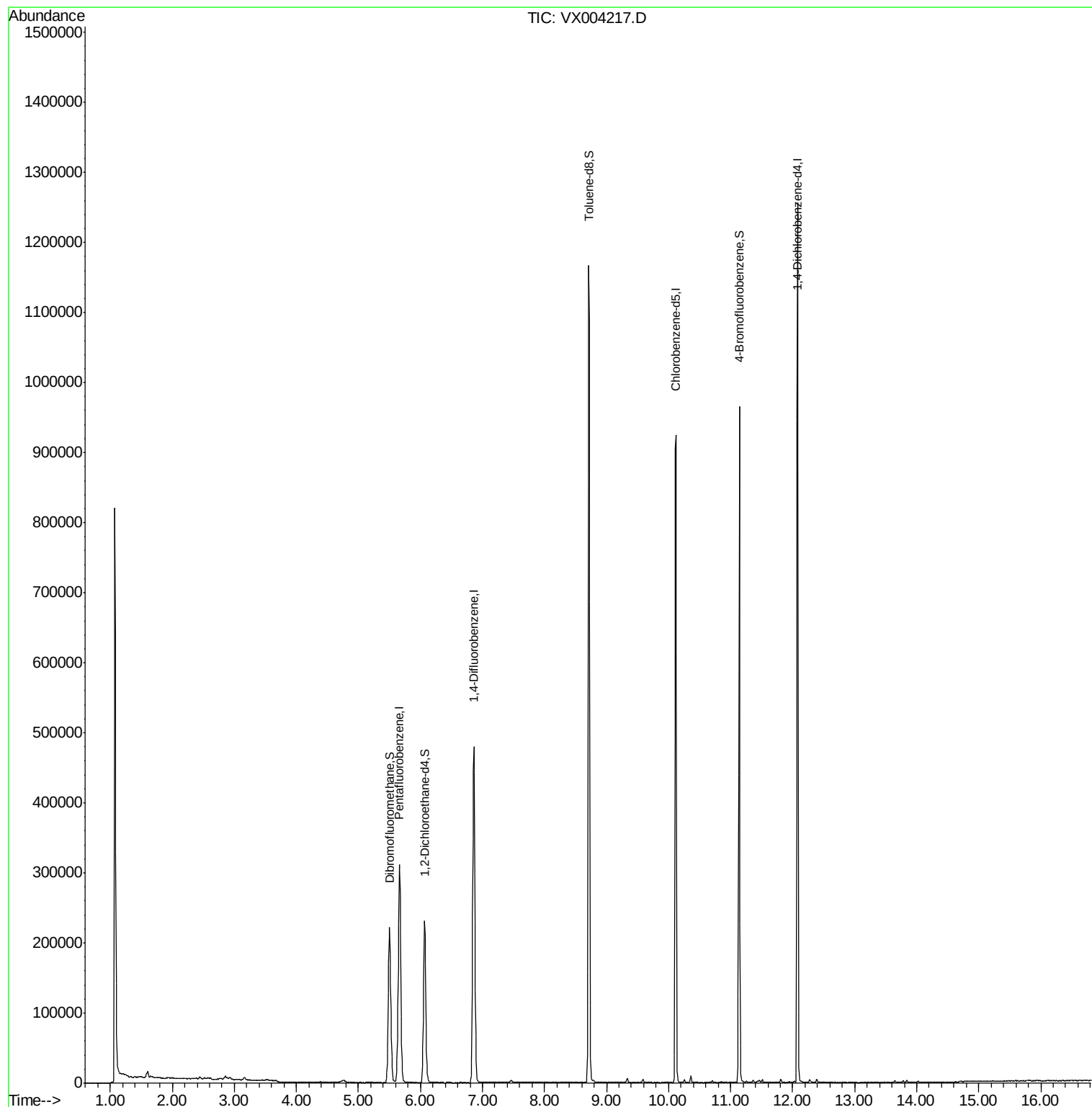
Target Compounds	Qvalue
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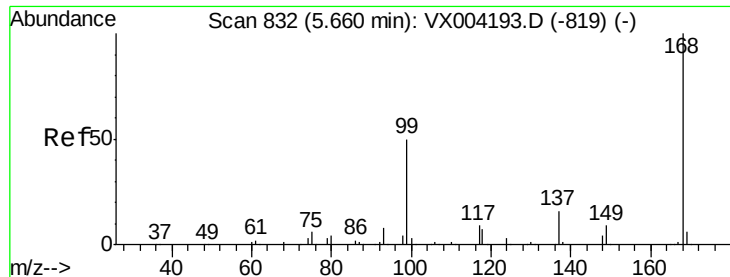
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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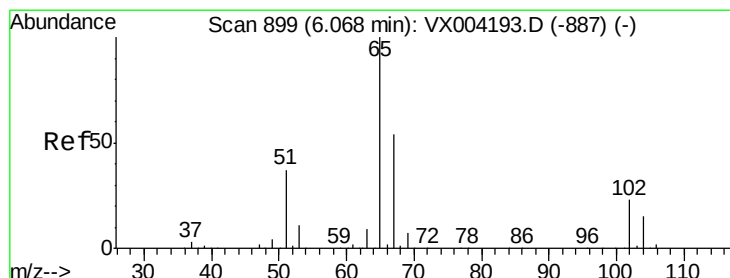
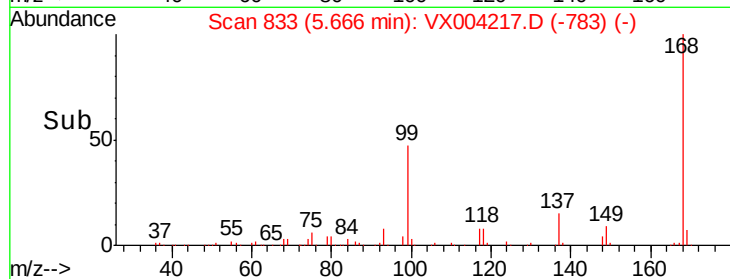
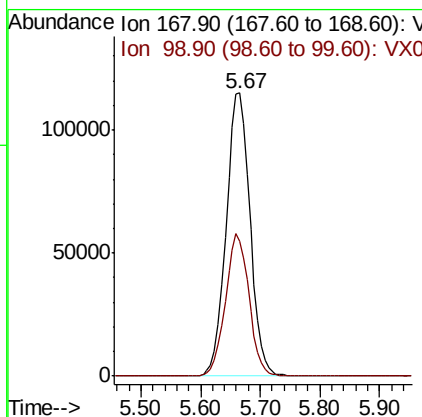
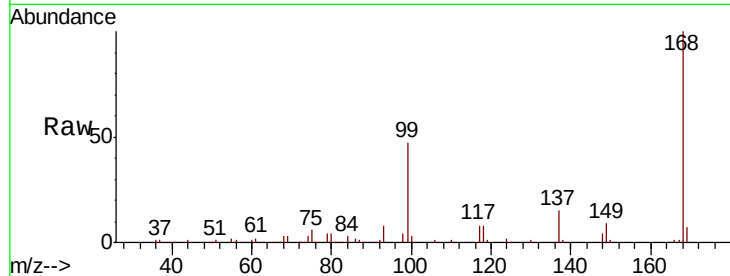




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004217.D
Acq: 23 Aug 2018 11:01

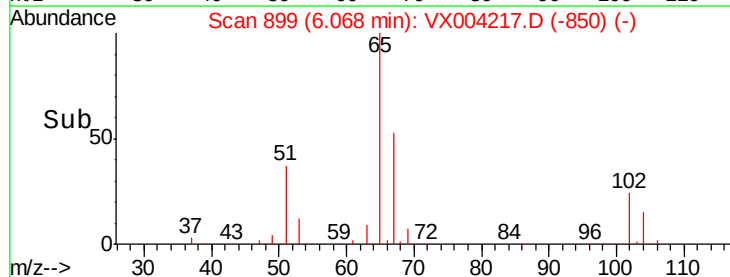
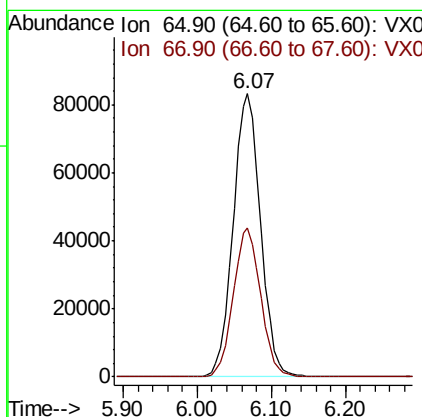
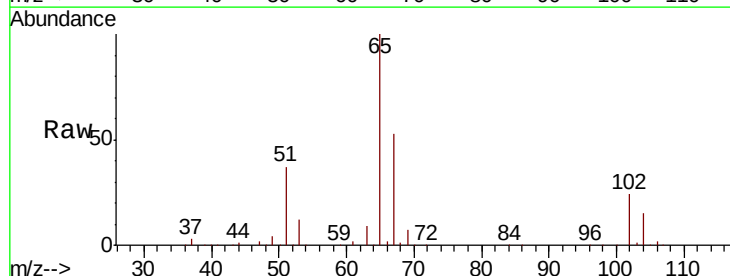
Instrument :
MSVOA_X
ClientSampleId :
TRIPBLANK

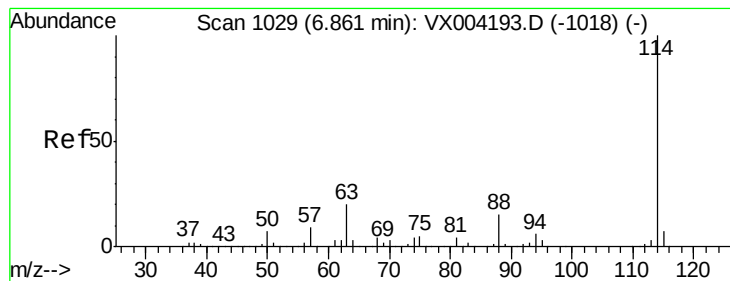
Tot Ion:168 Resp: 319830
Ion Ratio Lower Upper
168 100
99 47.4 39.9 59.9



#33
1,2-Dichloroethane-d4
Concen: 51.44 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004217.D
Acq: 23 Aug 2018 11:01

Tgt Ion: 65 Resp: 214434
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004217.D

Acq: 23 Aug 2018 11:01

Instrument :

MSVOA_X

ClientSampleId :

TRIPBLANK

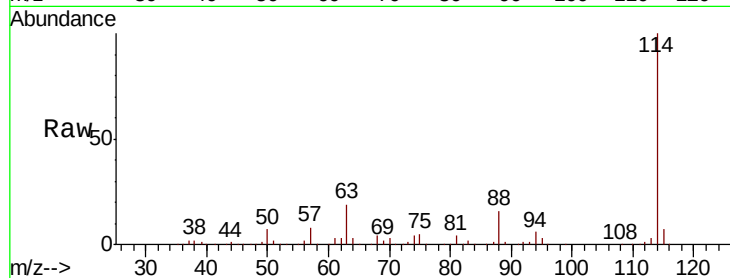
Tot Ion:114 Resp: 495711

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

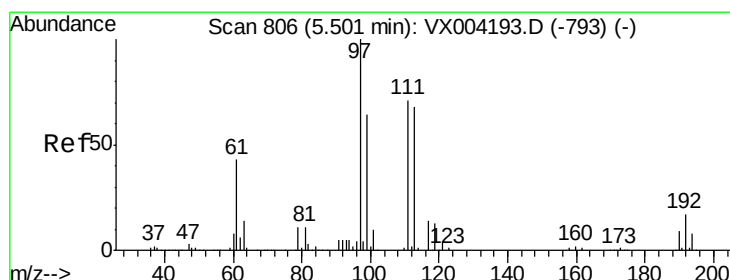
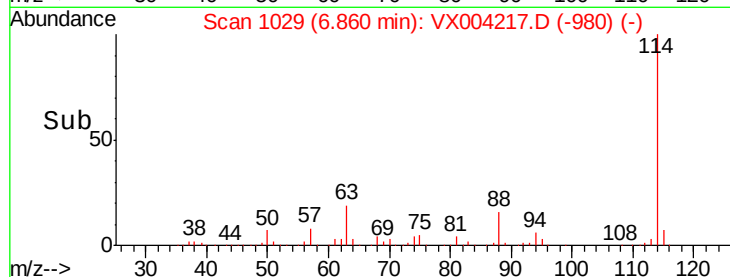
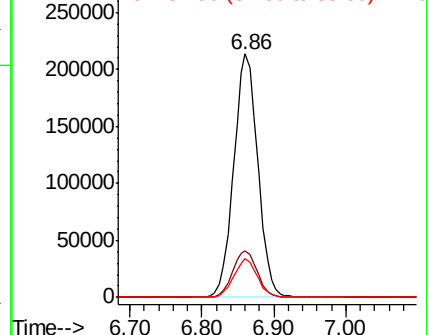
88 15.7 0.0 30.4



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: 50.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004217.D

Acq: 23 Aug 2018 11:01

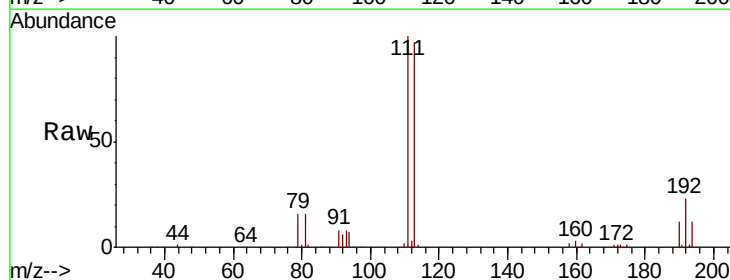
Tgt Ion:113 Resp: 186224

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

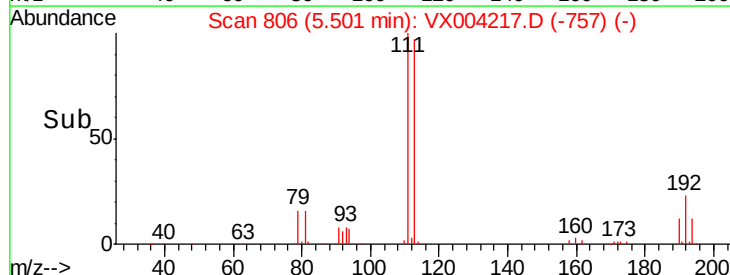
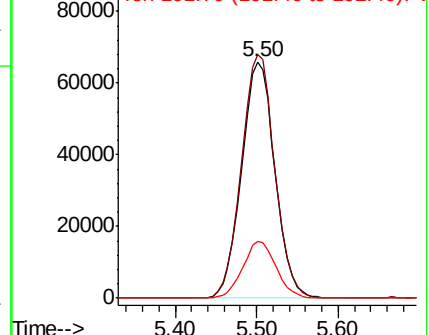
192 24.2 19.4 29.2

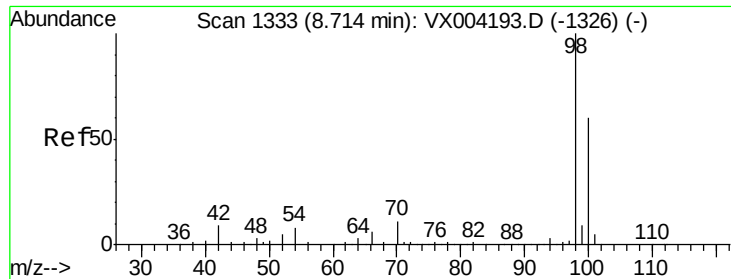


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.85 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004217.D

Acq: 23 Aug 2018 11:01

Instrument :

MSVOA_X

ClientSampleId :

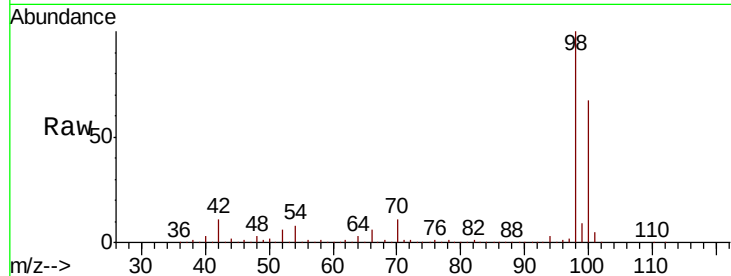
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Tot Ion: 98 Resp: 693870

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

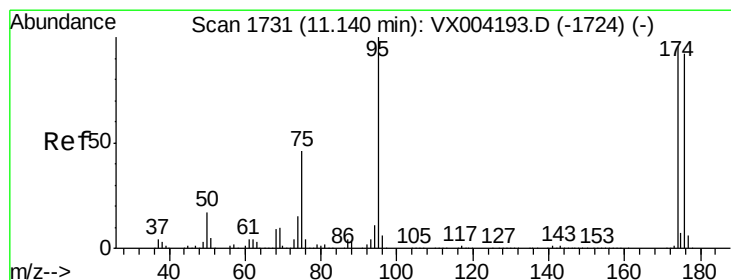
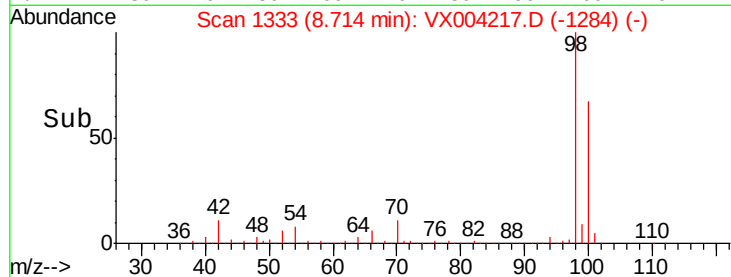
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004217.D

Acq: 23 Aug 2018 11:01

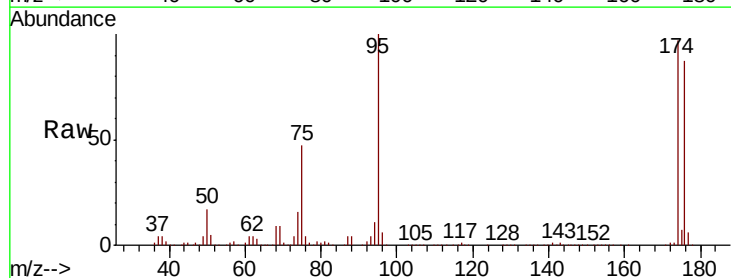
Tgt Ion: 95 Resp: 246641

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.2

176 86.4 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

250000

200000

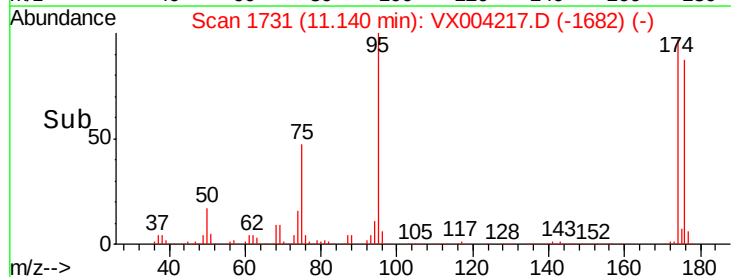
150000

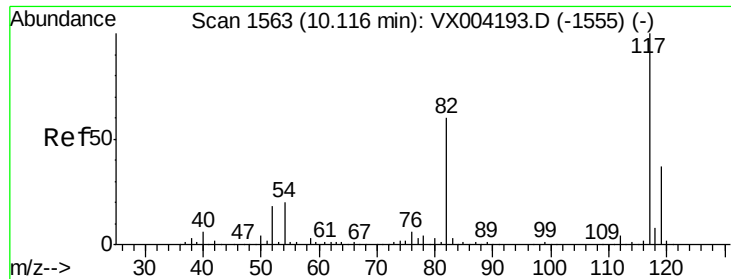
100000

50000

0

Time-->

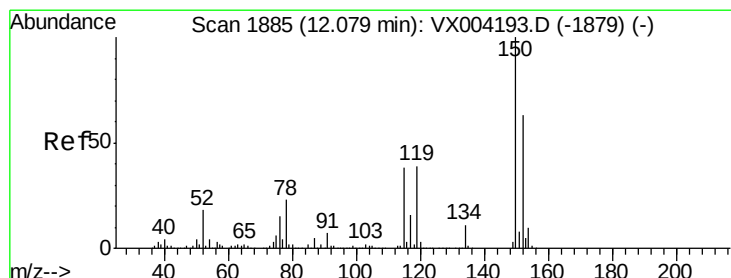
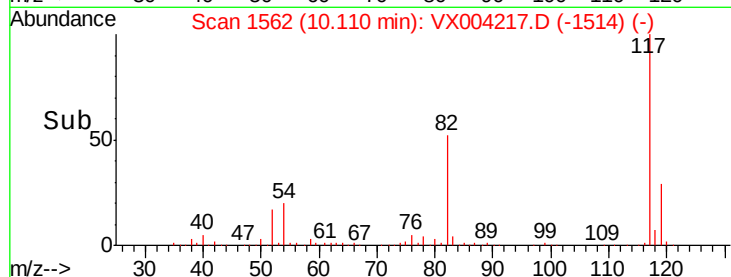
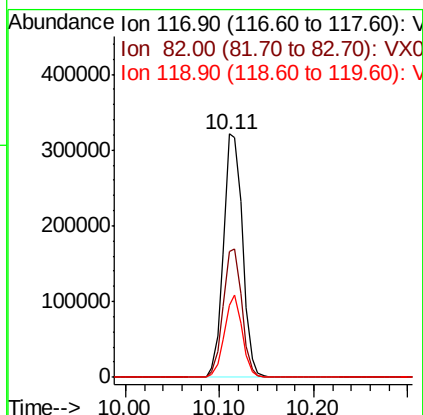
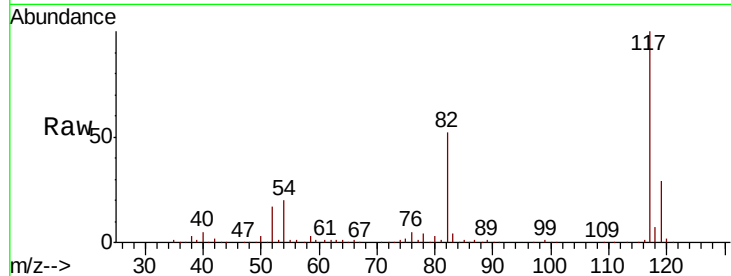




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VX004217.D
Acq: 23 Aug 2018 11:01

Instrument :
MSVOA_X
ClientSampled :
TRIPBLANK

Tot Ion:117 Resp: 448655
Ion Ratio Lower Upper
117 100
82 51.9 47.8 71.6
119 29.4 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004217.D
Acq: 23 Aug 2018 11:01

Tgt Ion:152 Resp: 259476
Ion Ratio Lower Upper
152 100
115 55.3 39.0 117.0
150 156.8 0.0 351.0

