

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004145.D
 Acq On : 20 Aug 2018 11:40
 Operator : JC/MD
 Sample : VX0820WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBL01

Quant Time: Aug 21 01:35:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	286191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234742	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	232442	57.65	ug/l	0.00
Spiked Amount			Recovery	=	115.30%	
35) Dibromofluoromethane	5.50	113	193922	58.79	ug/l	0.00
Spiked Amount			Recovery	=	117.58%	
50) Toluene-d8	8.71	98	698642	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.14	95	241188	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

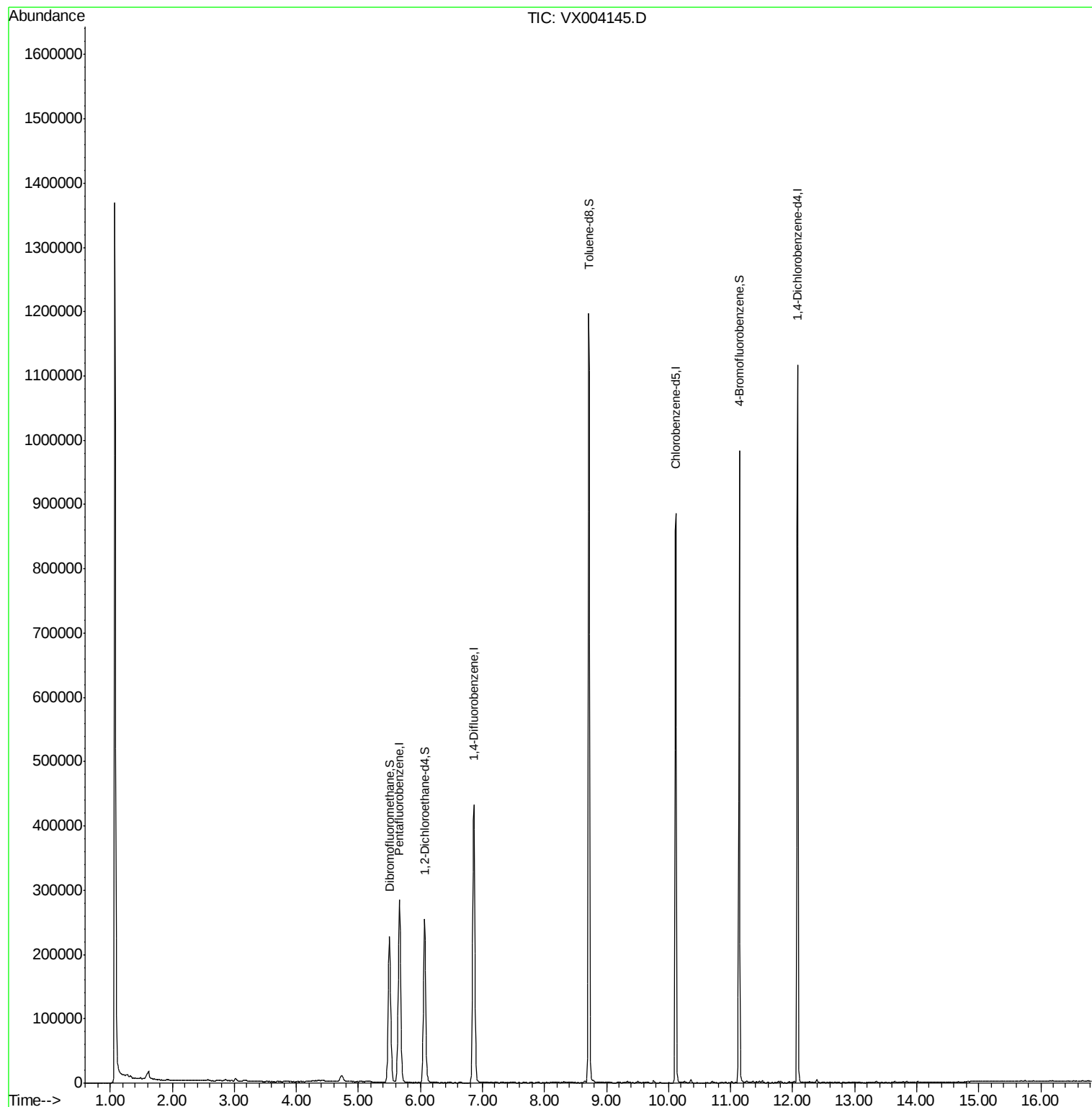
Target Compounds	Qvalue
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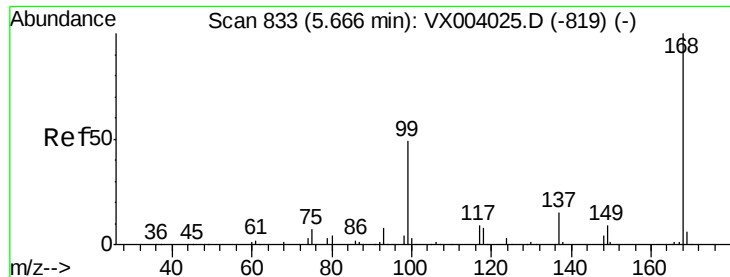
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004145.D

Acq: 20 Aug 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

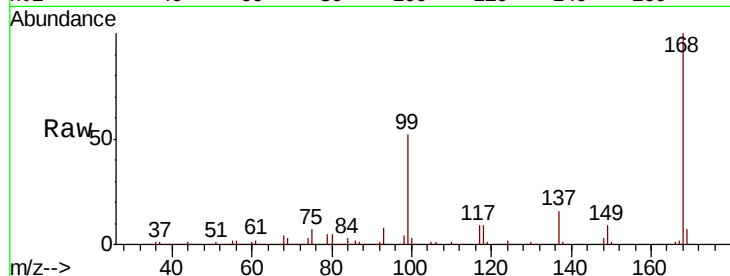
VX0820WBL01

Tot Ion:168 Resp: 286191

Ion Ratio Lower Upper

168 100

99 51.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

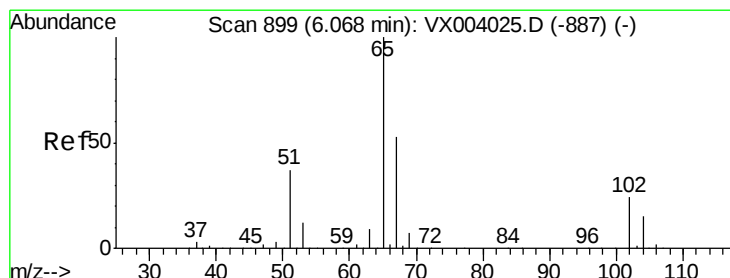
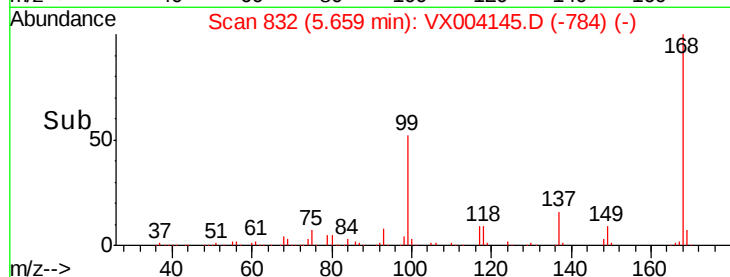
20000

0

5.66

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.65 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004145.D

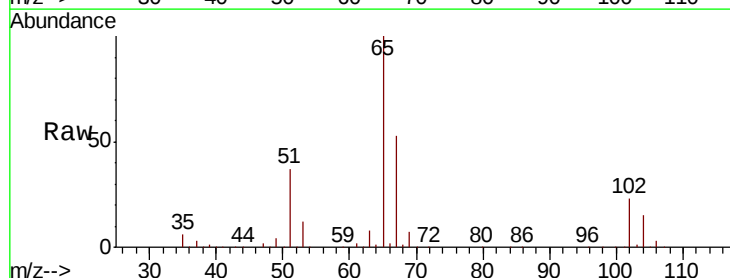
Acq: 20 Aug 2018 11:40

Tgt Ion: 65 Resp: 232442

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

80000

60000

40000

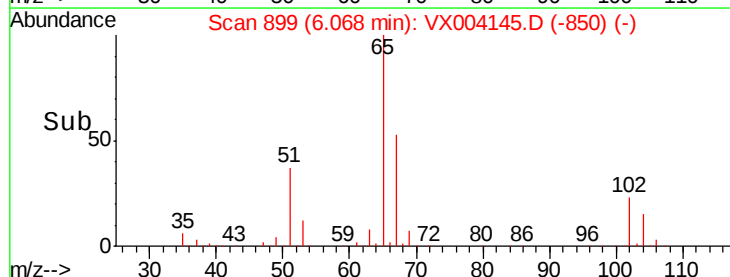
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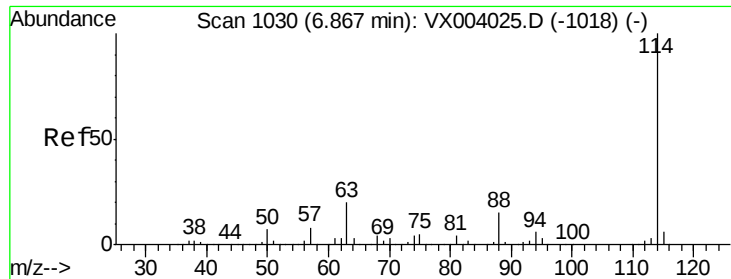
0

6.07

5.90 6.00 6.10 6.20

Time-->

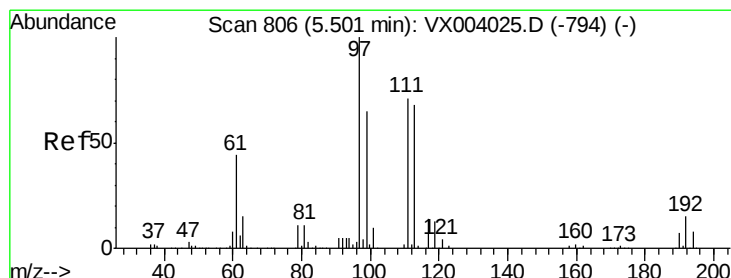
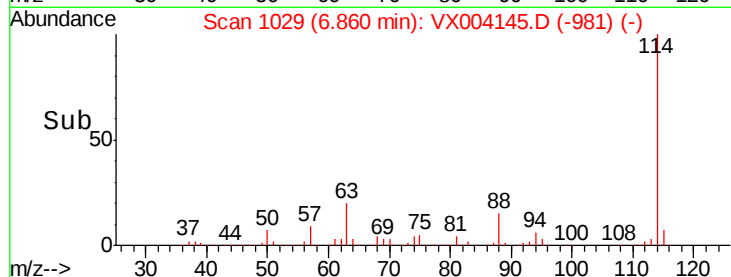
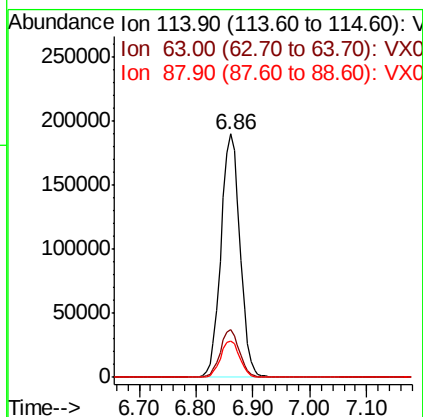
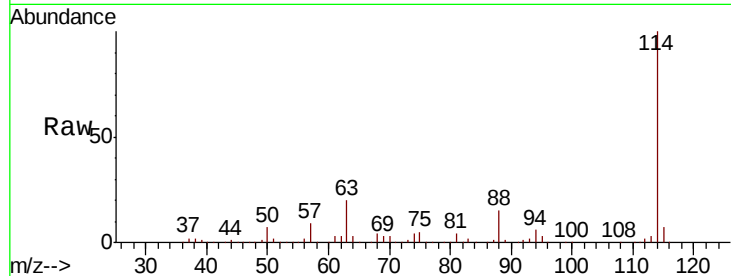




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004145.D
 Acq: 20 Aug 2018 11:40

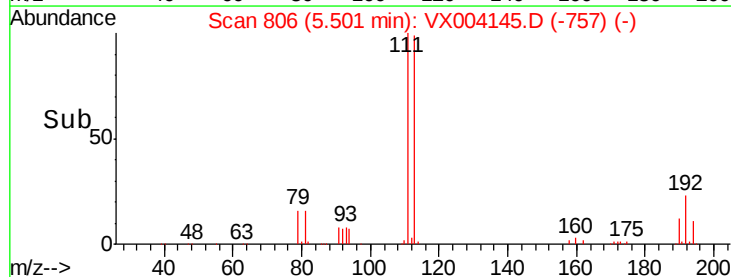
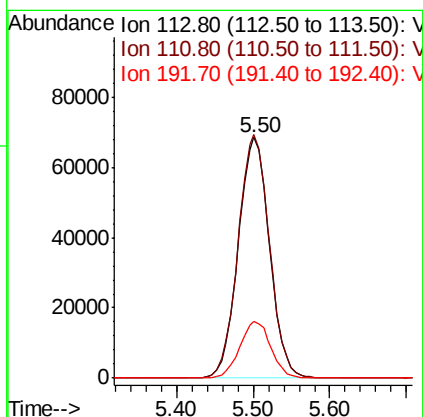
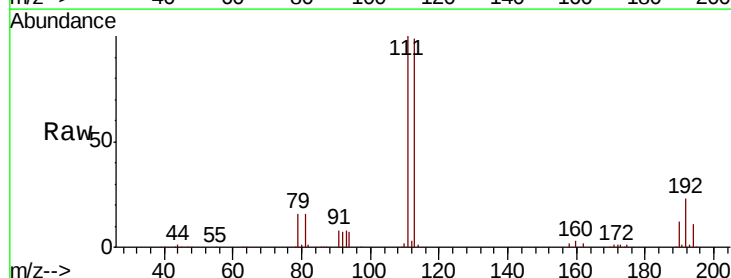
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBL01

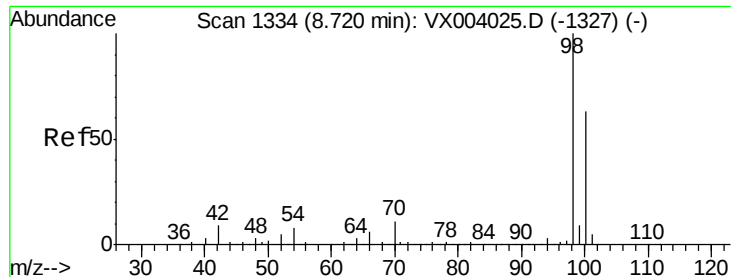
Tot Ion:114 Resp: 440764
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.0 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 58.79 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004145.D
 Acq: 20 Aug 2018 11:40

Tgt Ion:113 Resp: 193922
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.0 123.0
 192 23.4 19.0 28.4





#50

Toluene-d8

Concen: 52.24 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004145.D

Acq: 20 Aug 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

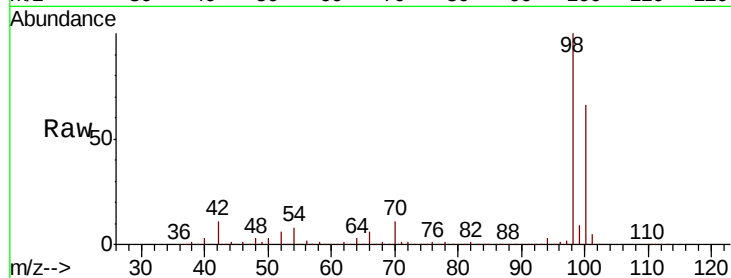
VX0820WBL01

Tot Ion: 98 Resp: 698642

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

300000

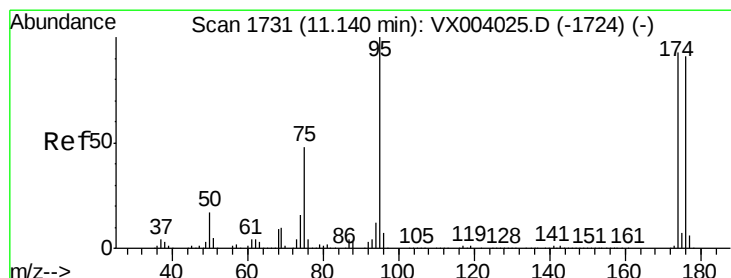
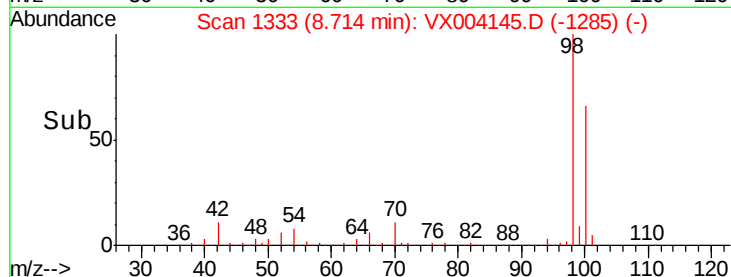
200000

100000

0

Time-->

8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 49.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004145.D

Acq: 20 Aug 2018 11:40

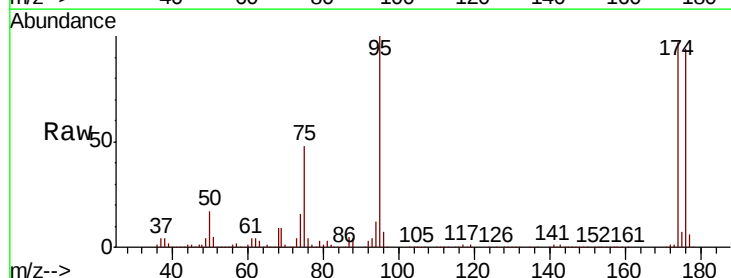
Tgt Ion: 95 Resp: 241188

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

176 89.6 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

250000

200000

150000

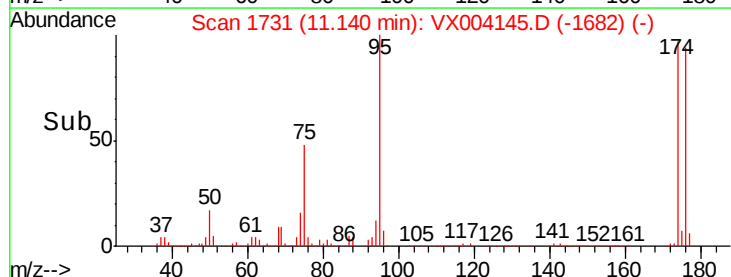
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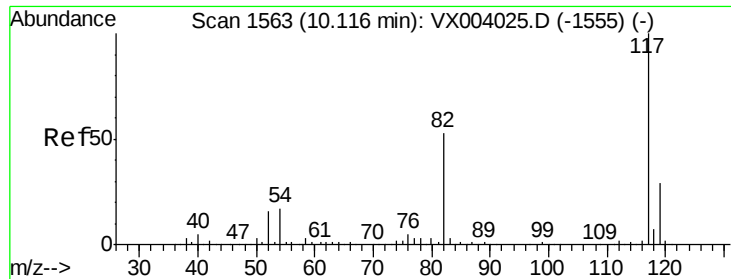
50000

0

Time-->

11.10 11.20

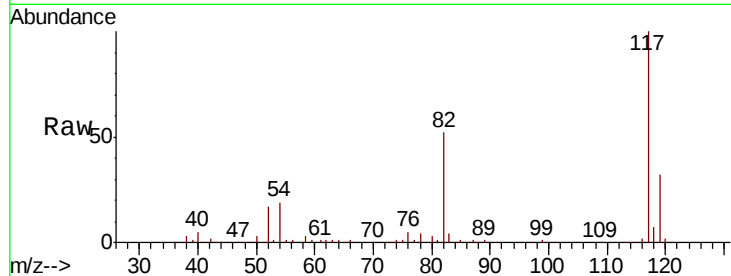




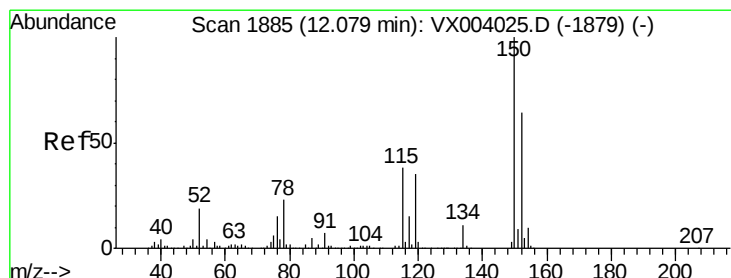
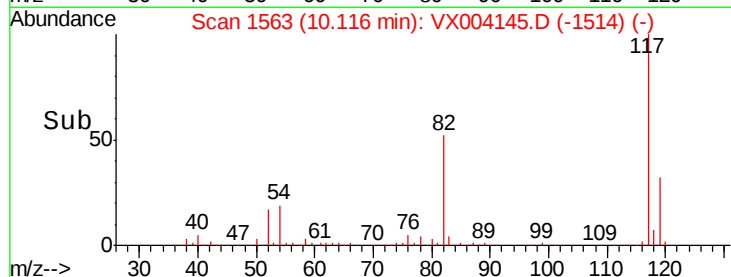
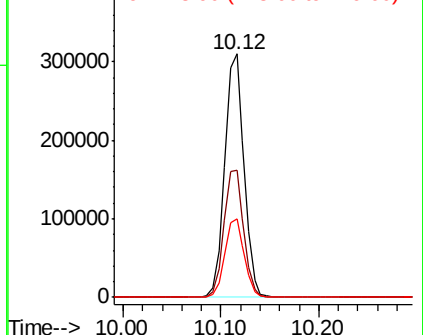
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tot Ion:117 Resp: 422900
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 32.2 26.6 40.0

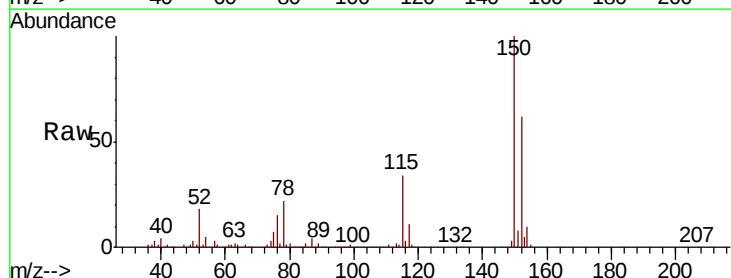


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion:152 Resp: 234742
Ion Ratio Lower Upper
152 100
115 55.2 39.1 117.3
150 158.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

