

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001567.D
 Acq On : 09 May 2018 20:40
 Operator : JC/MD
 Sample : J2732-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GTMW-5

Quant Time: May 10 12:35:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190716	58.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.26%	
35) Dibromofluoromethane	5.51	113	150868	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	8.72	98	516101	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	169795	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	

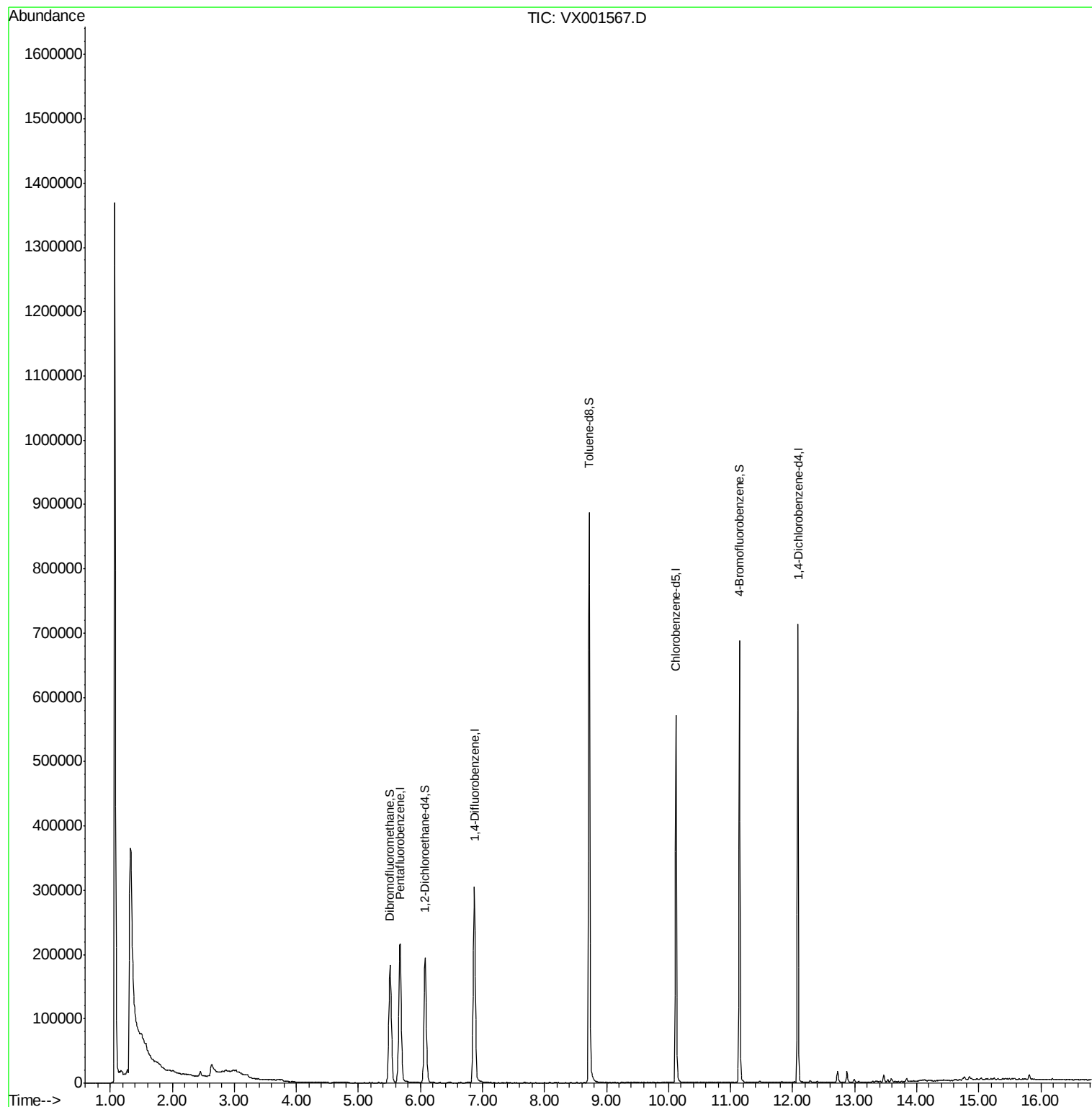
Target Compounds	Qvalue

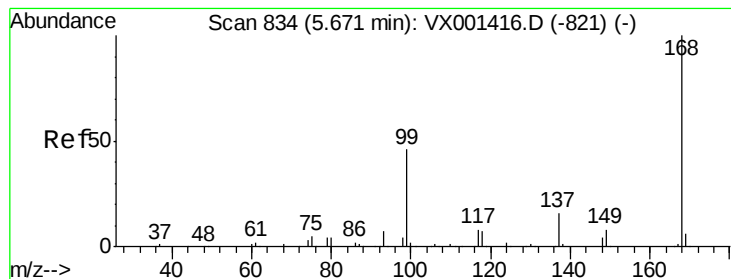
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001567.D

Acq: 09 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

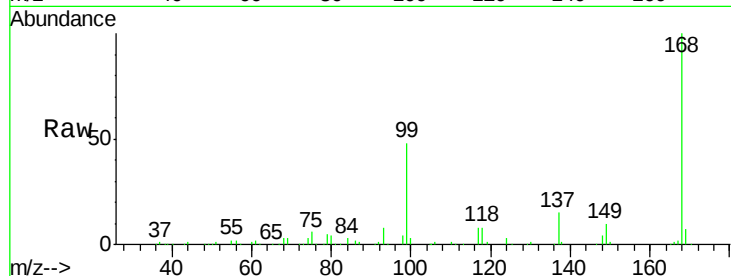
RAV-GTMW-5

Tot Ion:168 Resp: 228277

Ion Ratio Lower Upper

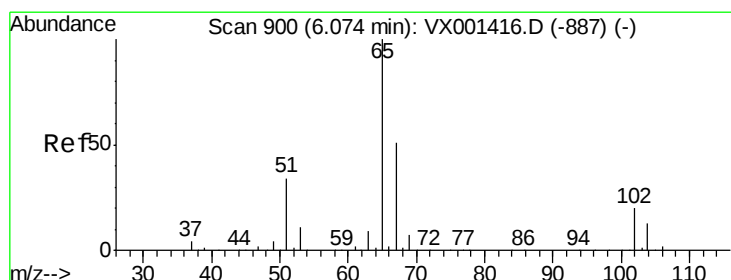
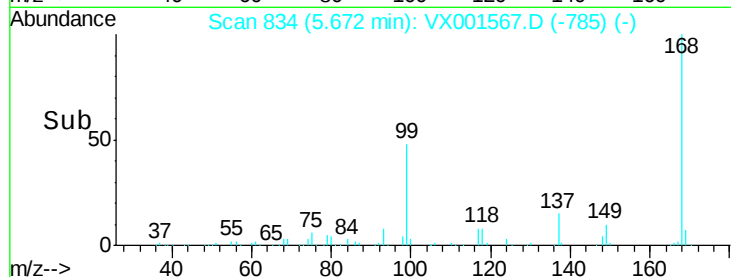
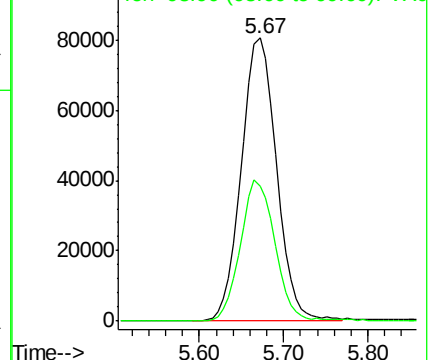
168 100

99 47.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001567.D

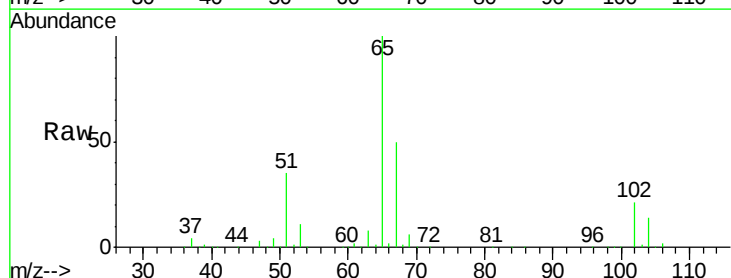
Acq: 09 May 2018 20:40

Tgt Ion: 65 Resp: 190716

Ion Ratio Lower Upper

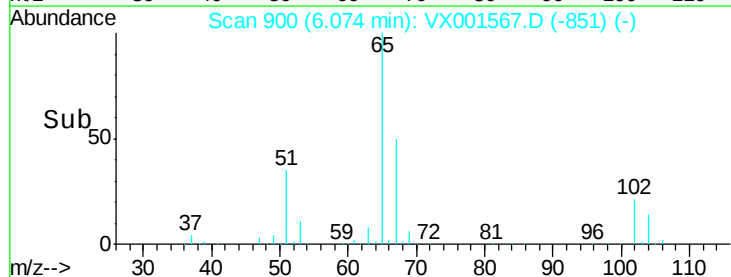
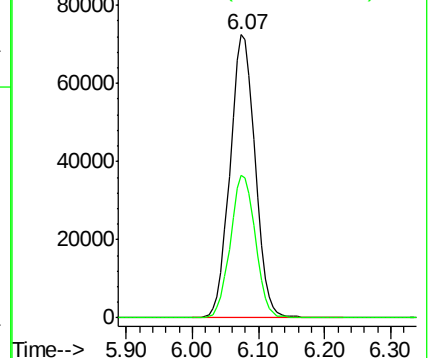
65 100

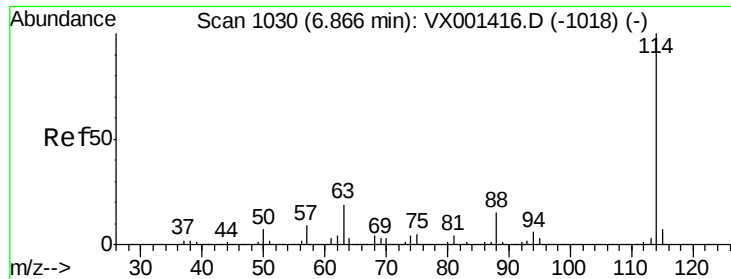
67 50.0 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

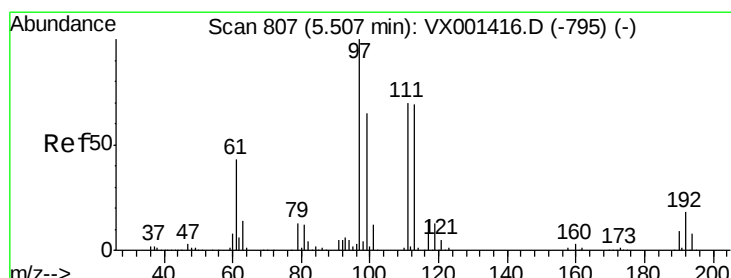
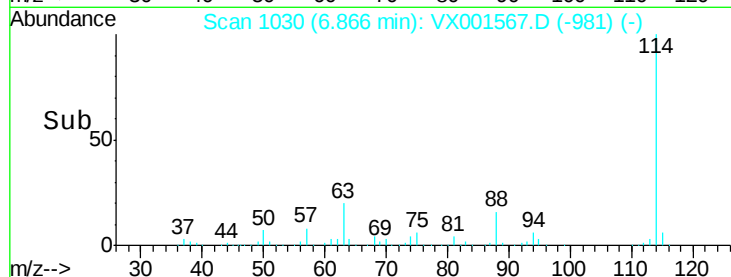
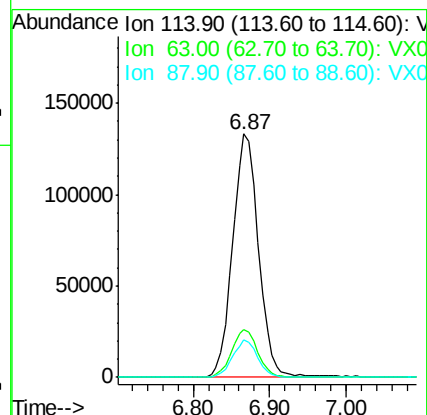
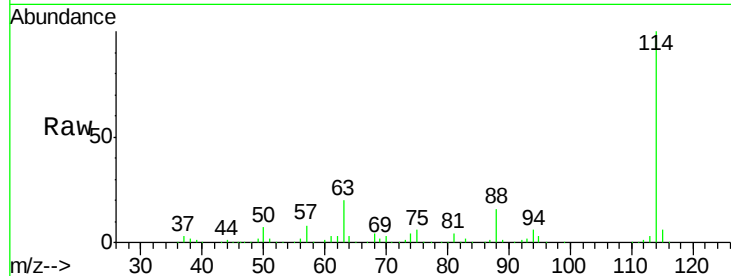




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001567.D
 Acq: 09 May 2018 20:40

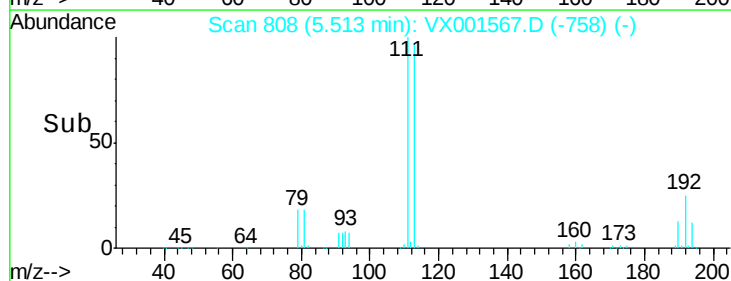
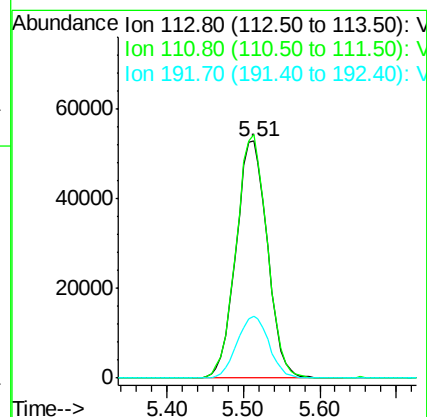
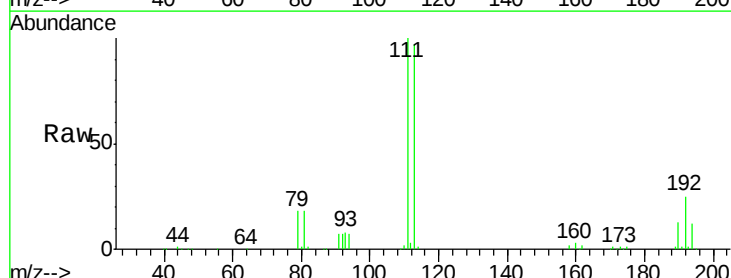
Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GTMW-5

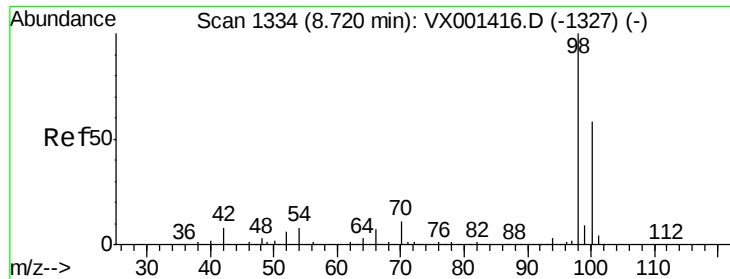
Tot Ion:114 Resp: 312427
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.5 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 54.29 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001567.D
 Acq: 09 May 2018 20:40

Tgt Ion:113 Resp: 150868
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 26.6 21.4 32.0





#50

Toluene-d8

Concen: 50.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001567.D

Acq: 09 May 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

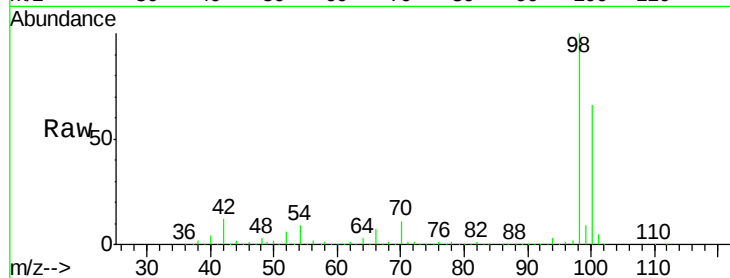
RAV-GTMW-5

Tot Ion: 98 Resp: 516101

Ion Ratio Lower Upper

98 100

100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

300000

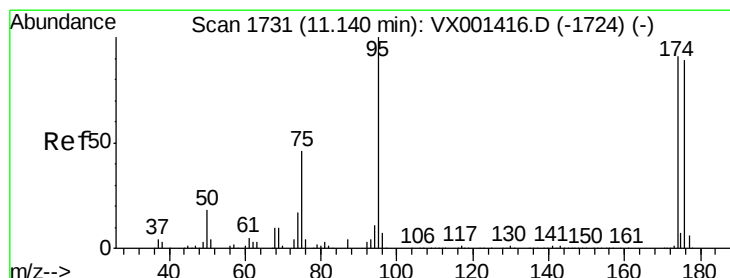
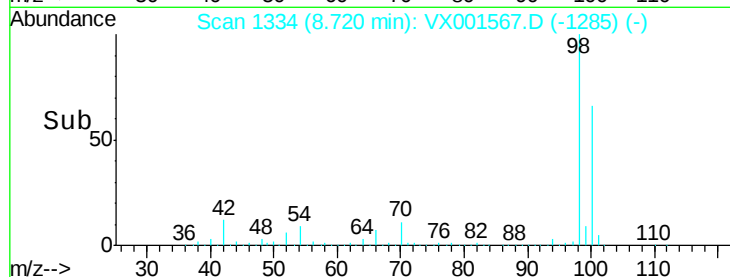
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001567.D

Acq: 09 May 2018 20:40

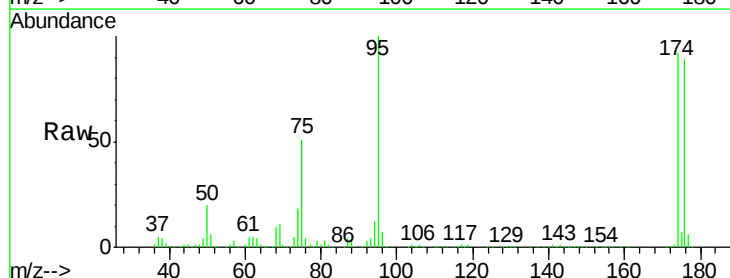
Tgt Ion: 95 Resp: 169795

Ion Ratio Lower Upper

95 100

174 101.2 0.0 202.0

176 97.4 0.0 197.4



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

11.14

150000

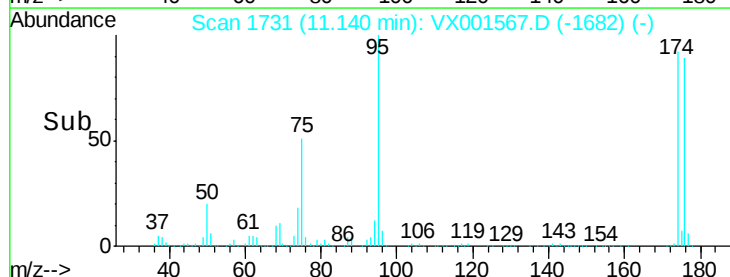
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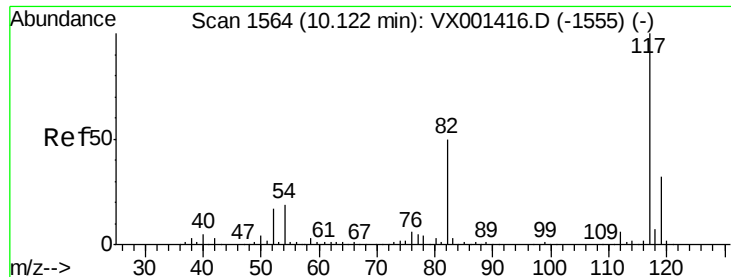
50000

0

Time-->

11.10 11.20

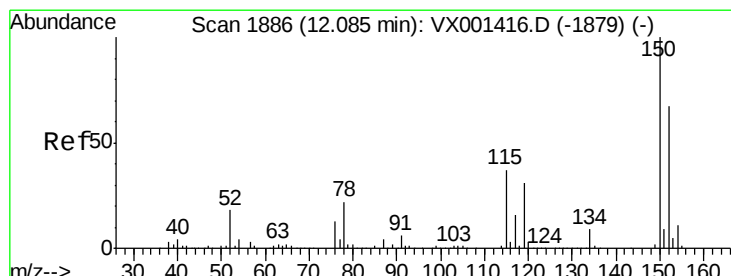
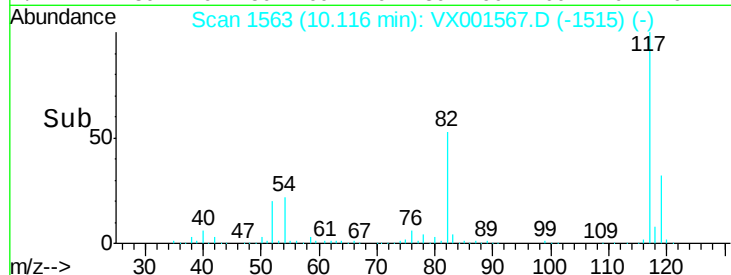
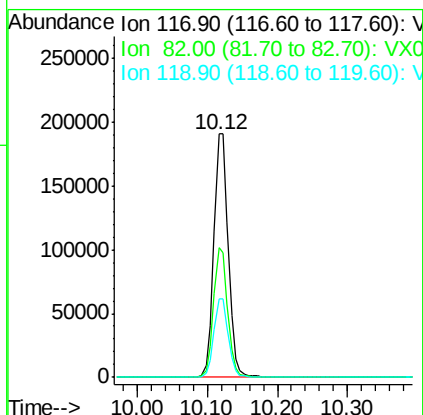
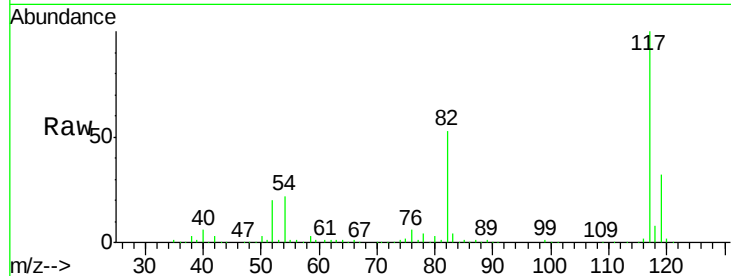




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tot Ion:117 Resp: 273885
Ion Ratio Lower Upper
117 100
82 53.4 40.0 60.0
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion:152 Resp: 148534
Ion Ratio Lower Upper
152 100
115 53.2 37.7 113.1
150 155.6 0.0 349.4

