

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001563.D
 Acq On : 09 May 2018 18:53
 Operator : JC/MD
 Sample : J2732-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GTMW-3

Quant Time: May 10 12:33:08 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	238284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156566	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	193048	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
35) Dibromofluoromethane	5.51	113	149168	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	8.72	98	527824	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.14	95	173433	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.78%	

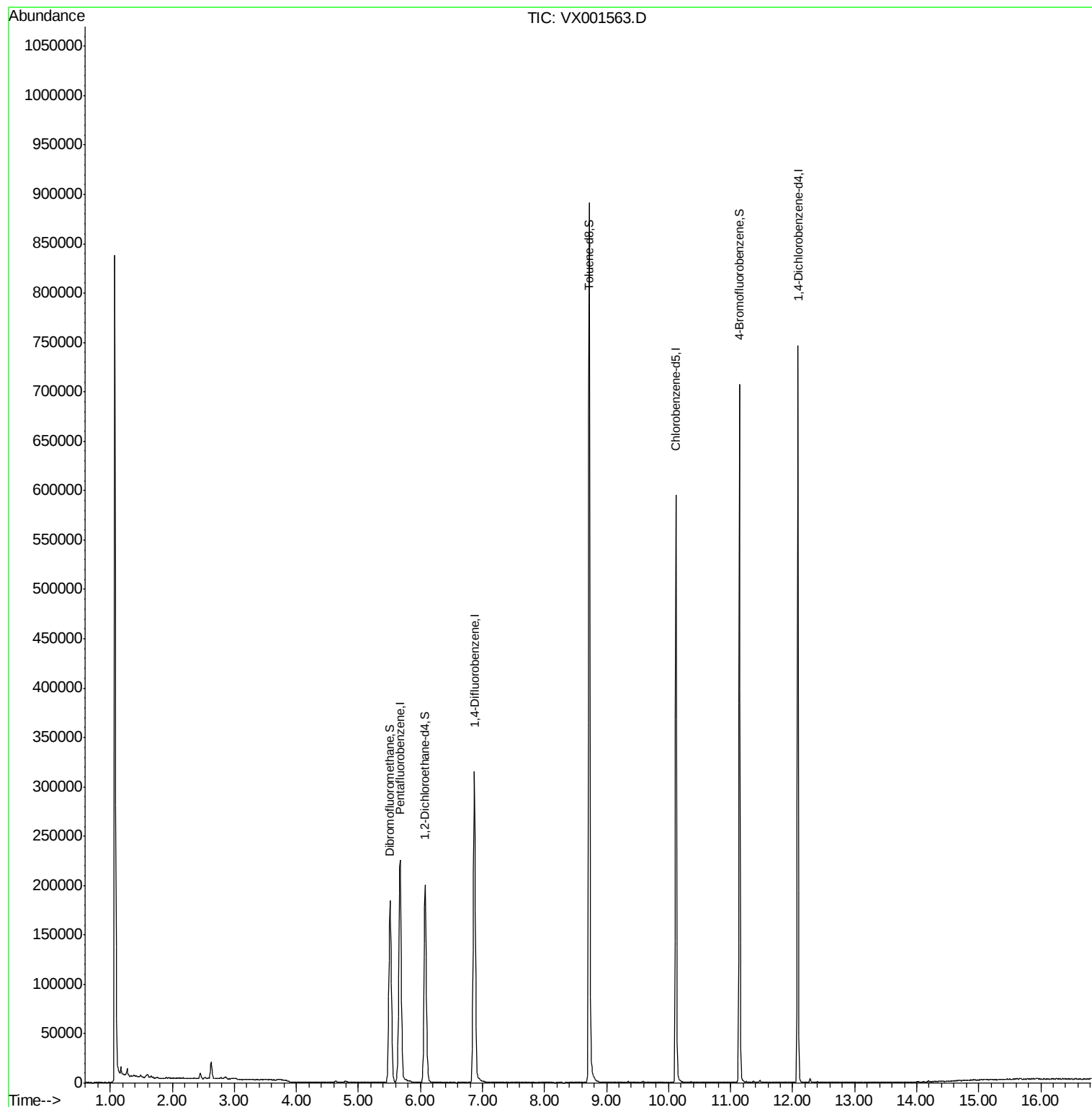
Target Compounds	Qvalue
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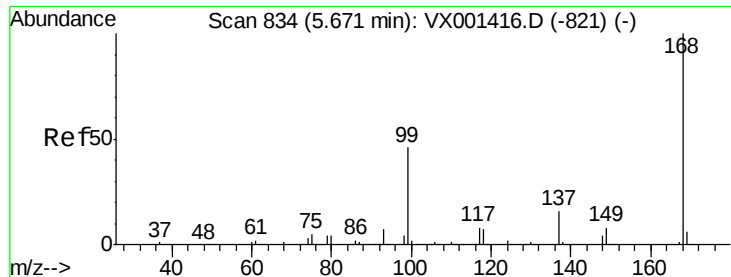
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001563.D

Acq: 09 May 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

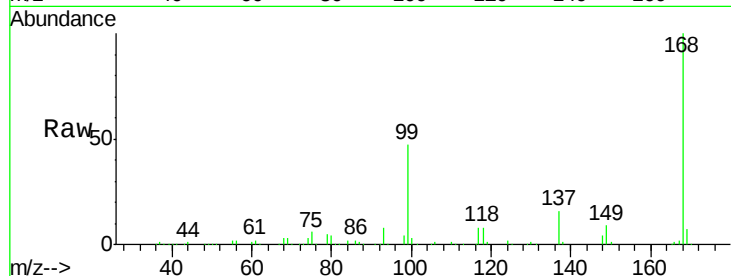
RAV-GTMW-3

Tot Ion:168 Resp: 238284

Ion Ratio Lower Upper

168 100

99 47.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

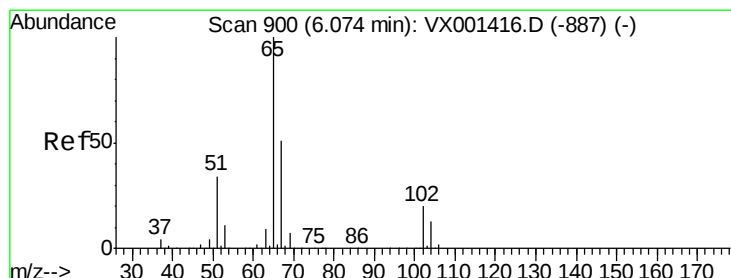
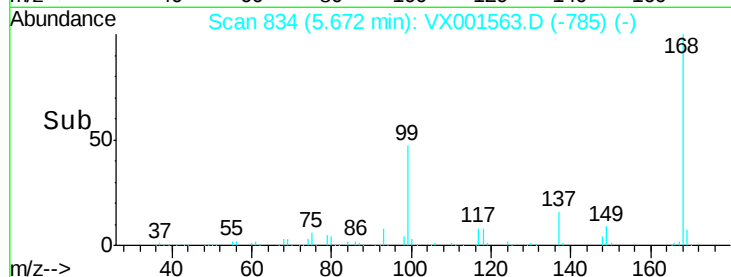
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 56.37 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001563.D

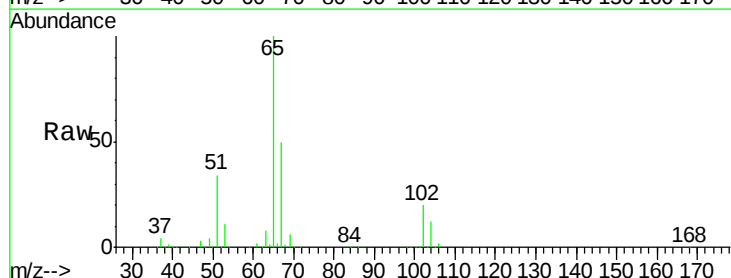
Acq: 09 May 2018 18:53

Tgt Ion: 65 Resp: 193048

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

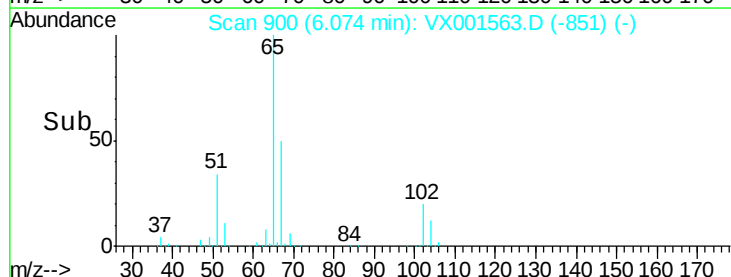
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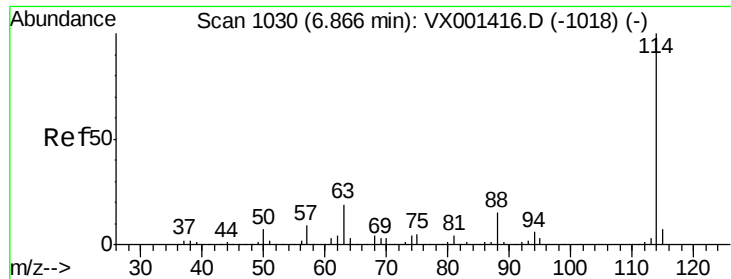
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0

Time-->

6.00 6.10 6.20

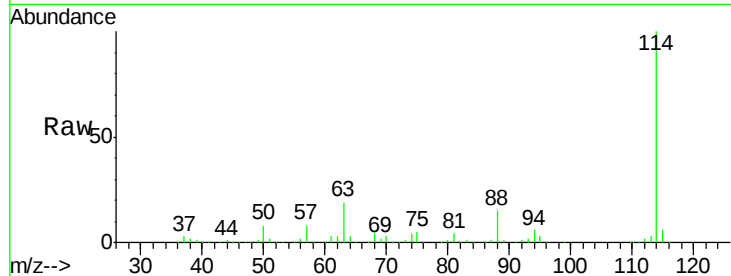




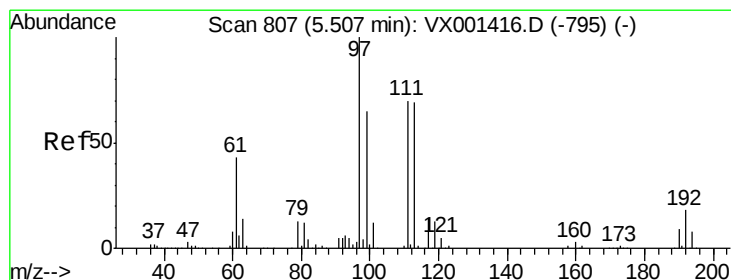
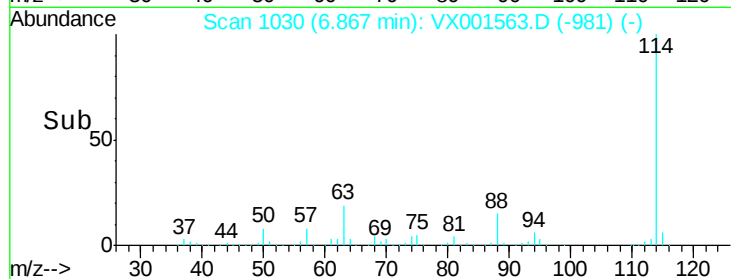
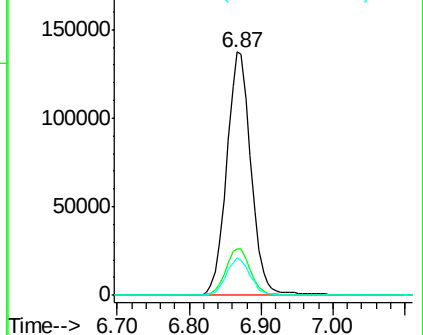
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001563.D
 Acq: 09 May 2018 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GTMW-3

Tot Ion:114 Resp: 324429
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.2 0.0 30.8

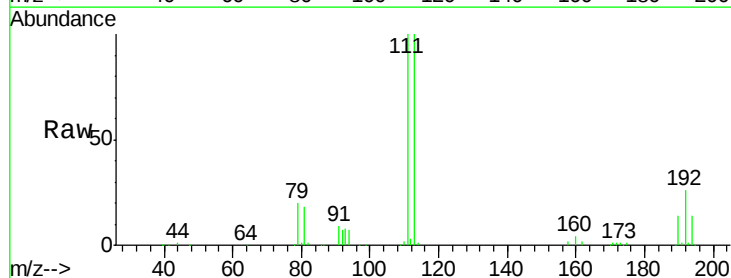


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

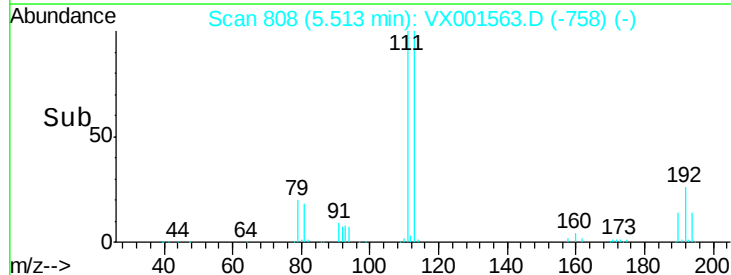
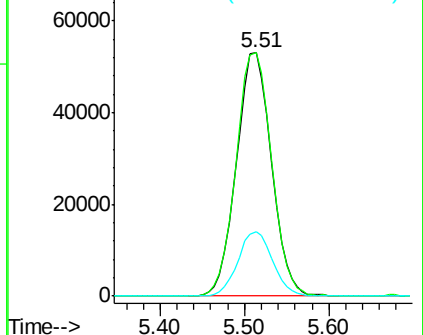


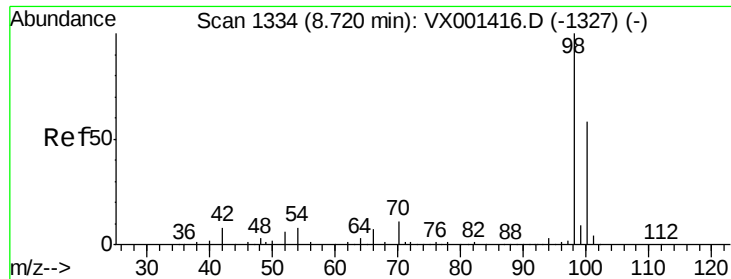
#35
 Dibromofluoromethane
 Concen: 51.69 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001563.D
 Acq: 09 May 2018 18:53

Tgt Ion:113 Resp: 149168
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.2
 192 26.0 21.4 32.0



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: 50.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001563.D

Acq: 09 May 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

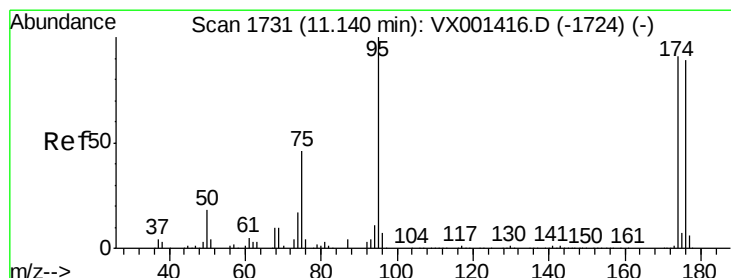
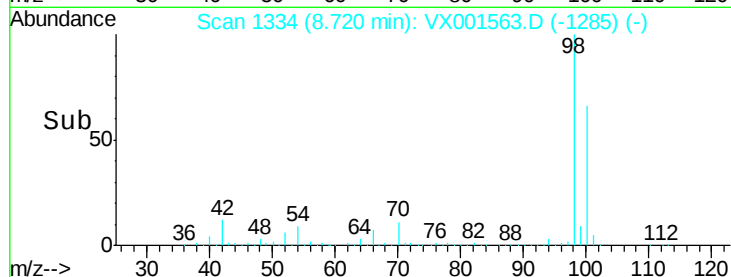
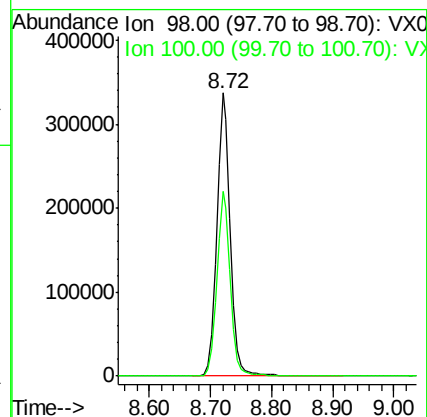
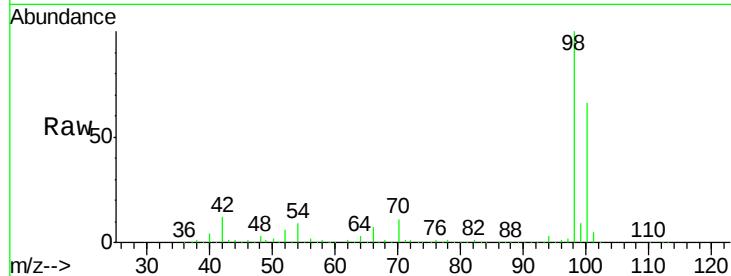
RAV-GTMW-3

Tot Ion: 98 Resp: 527824

Ion Ratio Lower Upper

98 100

100 65.8 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 42.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001563.D

Acq: 09 May 2018 18:53

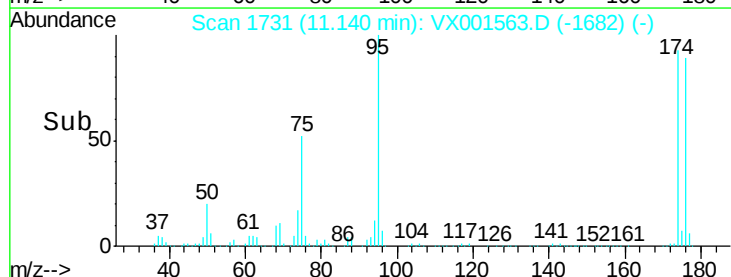
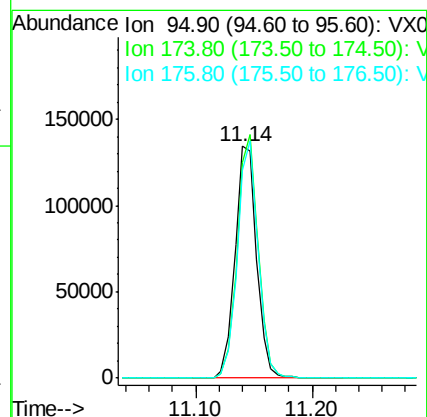
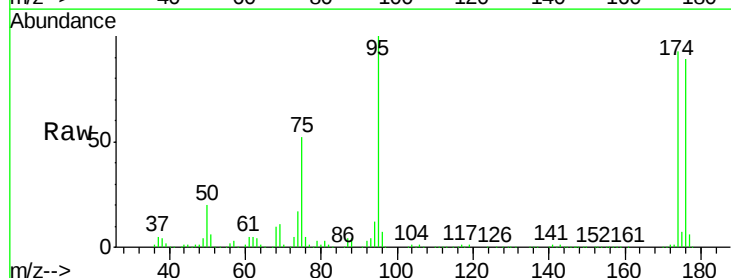
Tgt Ion: 95 Resp: 173433

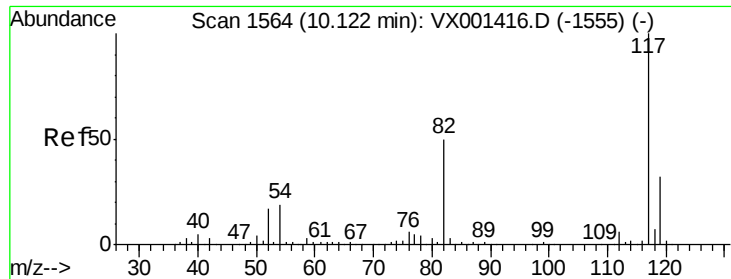
Ion Ratio Lower Upper

95 100

174 101.6 0.0 202.0

176 98.2 0.0 197.4

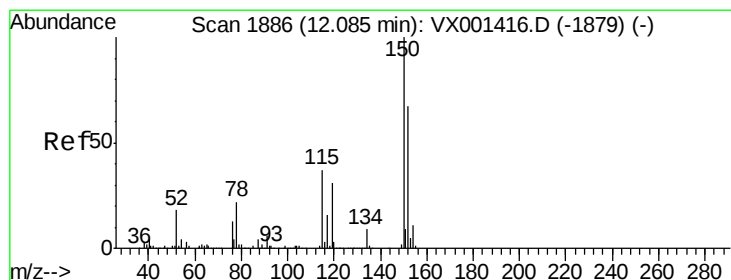
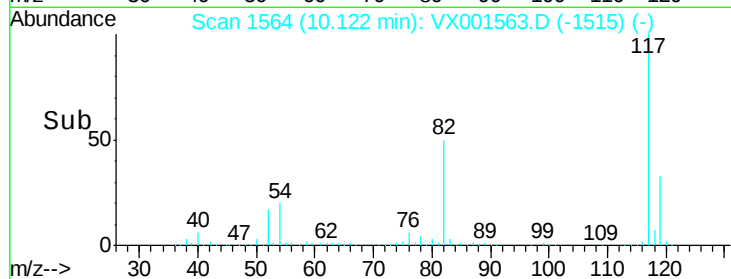
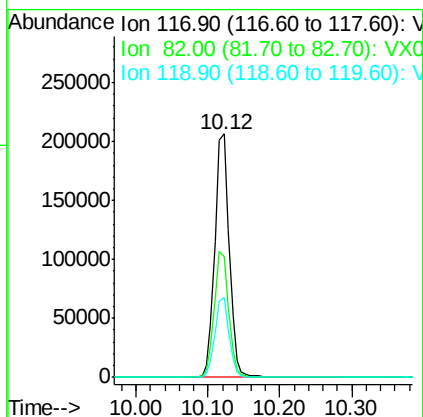
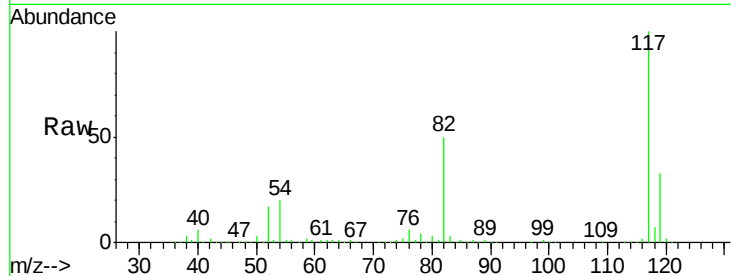




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001563.D
Acq: 09 May 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
RAV-GTMW-3

Tot Ion:117 Resp: 287181
Ion Ratio Lower Upper
117 100
82 49.5 40.0 60.0
119 33.0 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: VX001563.D
Acq: 09 May 2018 18:53

Tgt Ion:152 Resp: 156566
Ion Ratio Lower Upper
152 100
115 52.8 37.7 113.1
150 155.7 0.0 349.4

