

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052246.D
 Acq On : 9 Nov 2018 23:49
 Operator : MD\SY
 Sample : J5903-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RAV-RAINEY-BEFORE

Quant Time: Nov 12 04:13:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	325524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	543426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213573	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	7.59	113	171985	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.09	98	665170	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.40	95	194906	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	

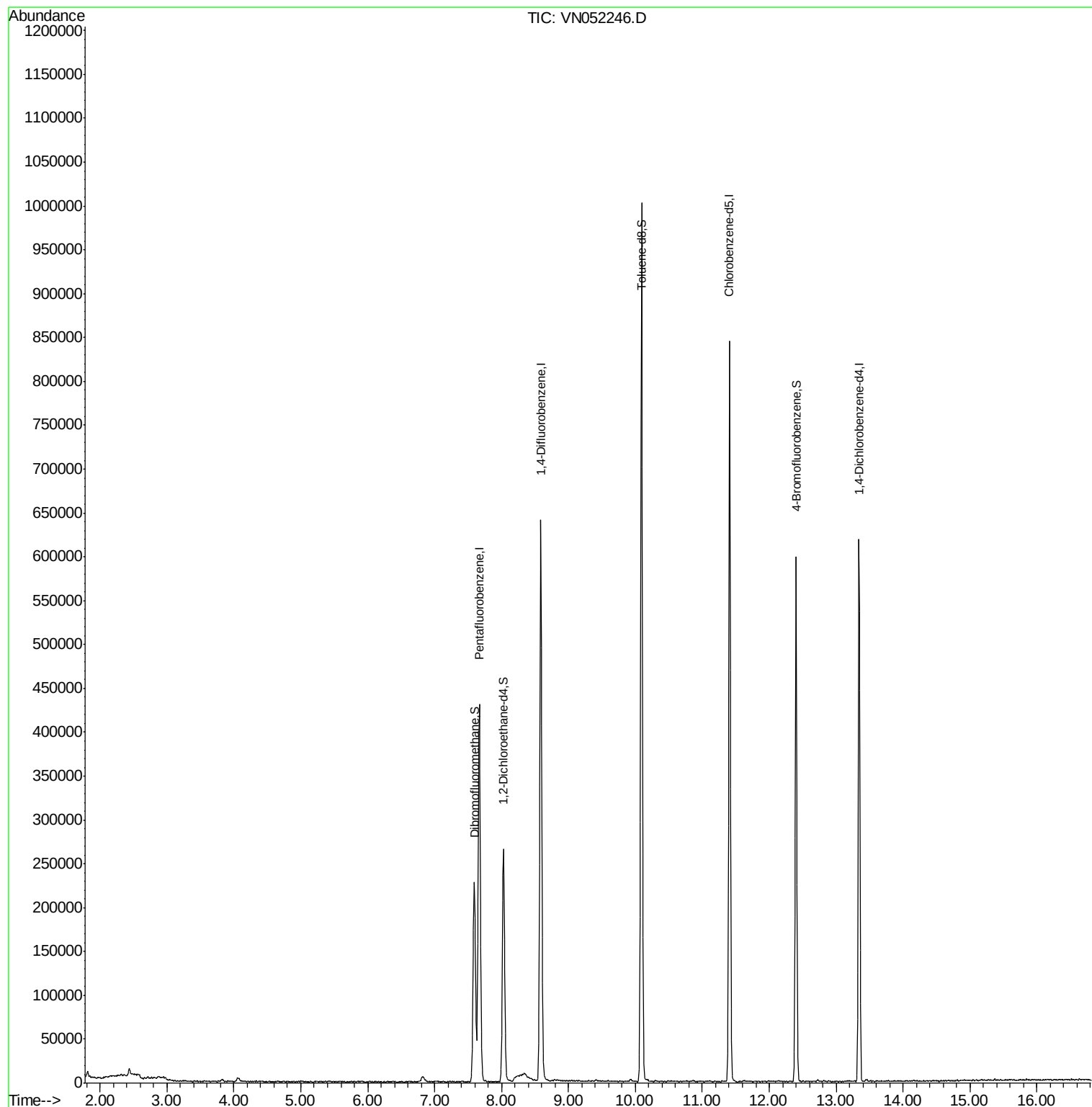
Target Compounds	Qvalue
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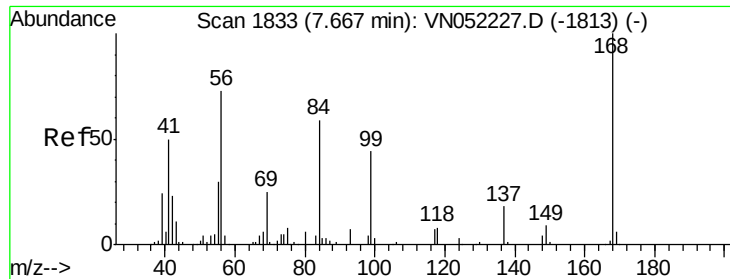
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052246.D

Acq: 9 Nov 2018 23:49

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MSVOA_N

ClientSampleId :

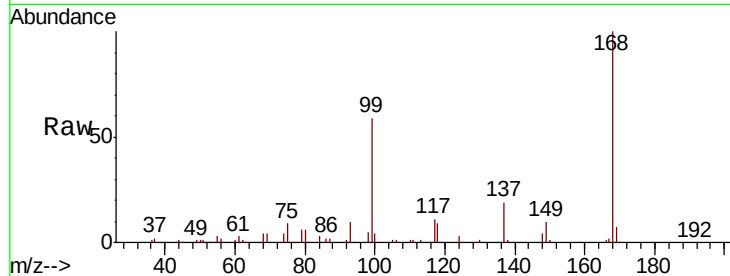
RAV-RAINEY-BEFORE

Tot Ion:168 Resp: 325524

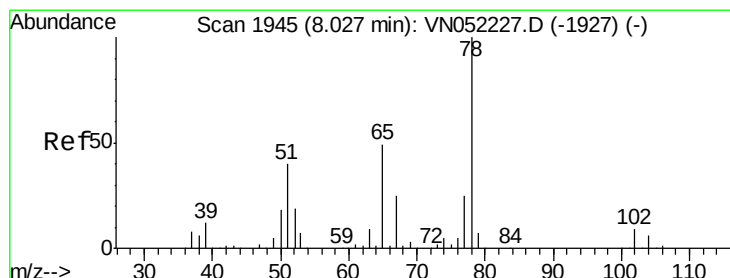
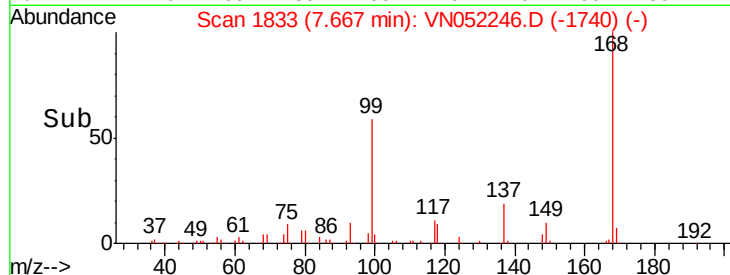
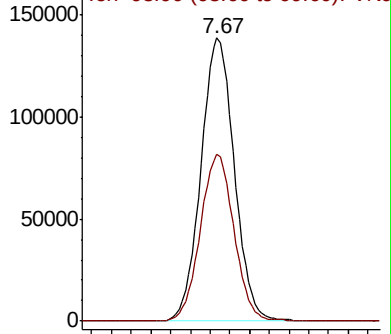
Ion Ratio Lower Upper

168 100

99 58.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN052227.D (-1813) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052246.D

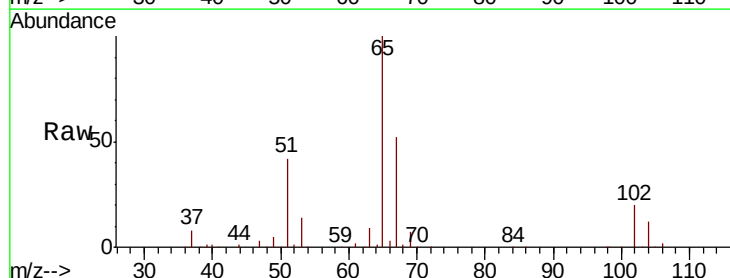
Acq: 9 Nov 2018 23:49

Tgt Ion: 65 Resp: 213573

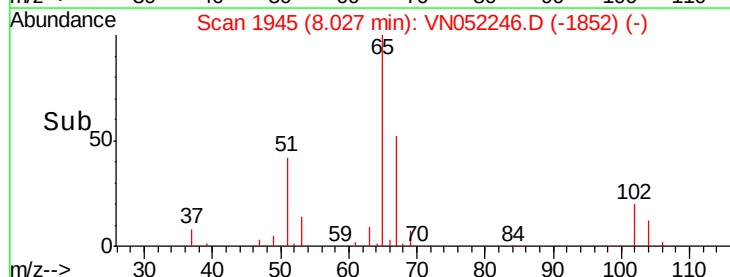
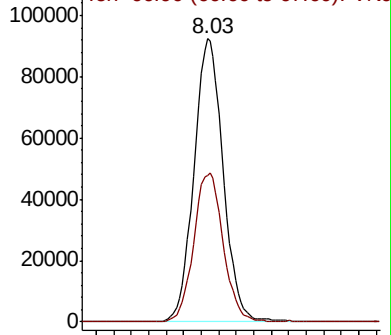
Ion Ratio Lower Upper

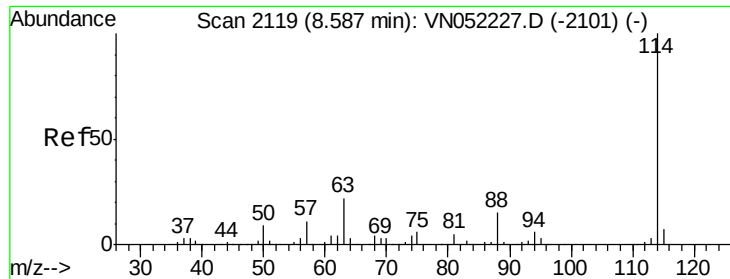
65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN052227.D (-1927) (-)

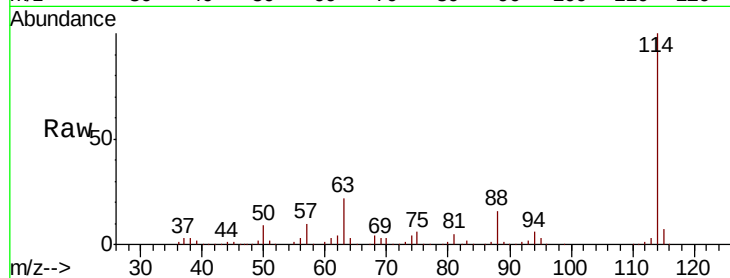




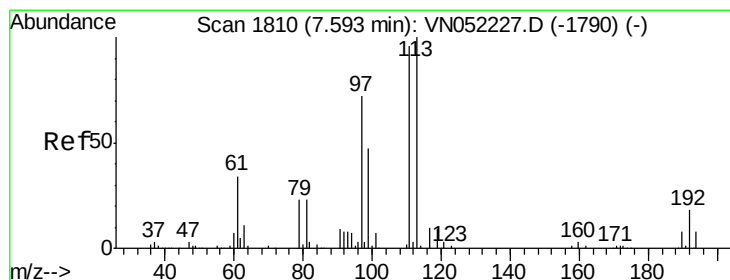
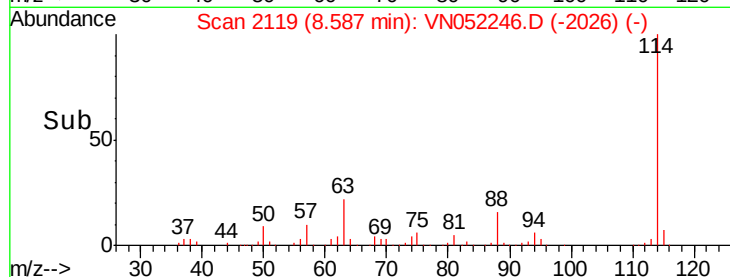
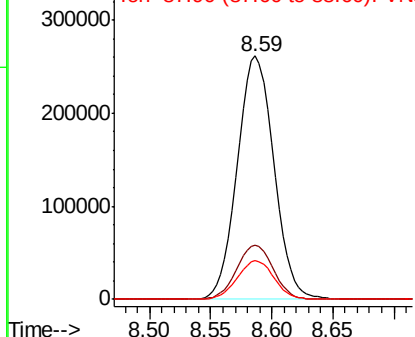
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052246.D
 Acq: 9 Nov 2018 23:49

Instrument :
 MSVOA_N
 ClientSampleId :
 RAV-RAINEY-BEFORE

Tot Ion:114 Resp: 543426
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 16.0 0.0 30.2

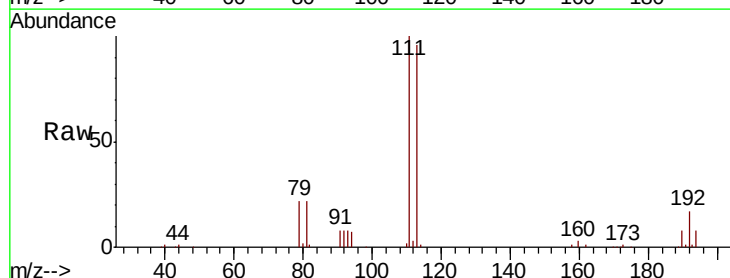


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

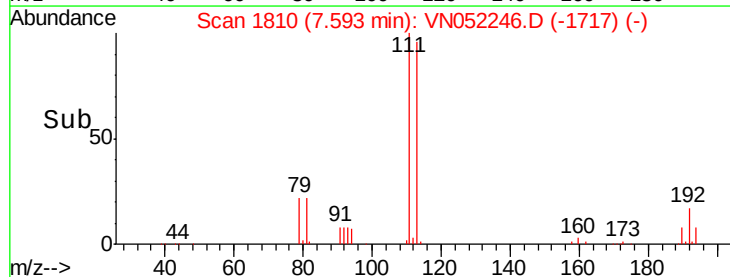
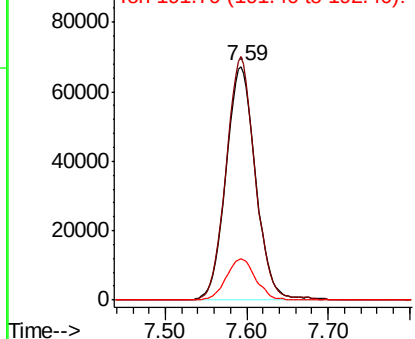


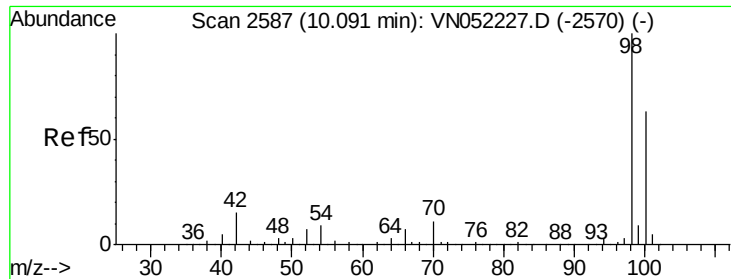
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052246.D
 Acq: 9 Nov 2018 23:49

Tgt Ion:113 Resp: 171985
 Ion Ratio Lower Upper
 113 100
 111 100.7 80.2 120.4
 192 17.4 14.1 21.1



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052246.D

Acq: 9 Nov 2018 23:49

Instrument :

MSVOA_N

ClientSampleId :

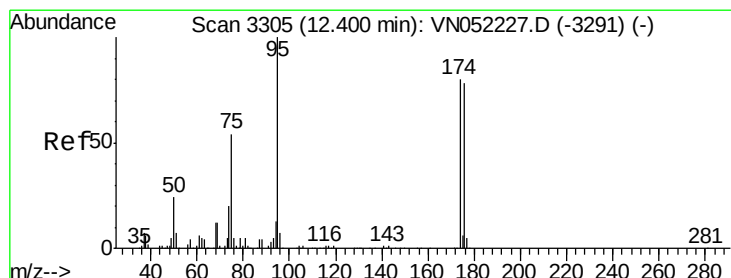
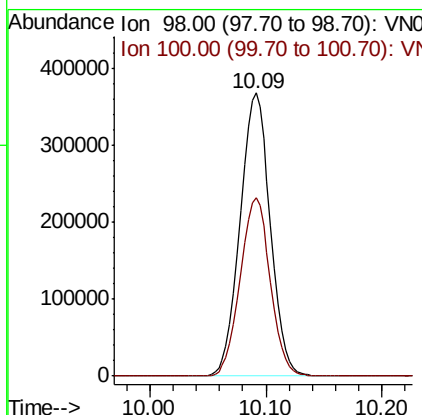
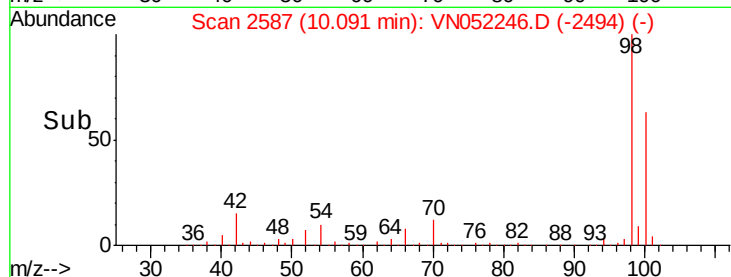
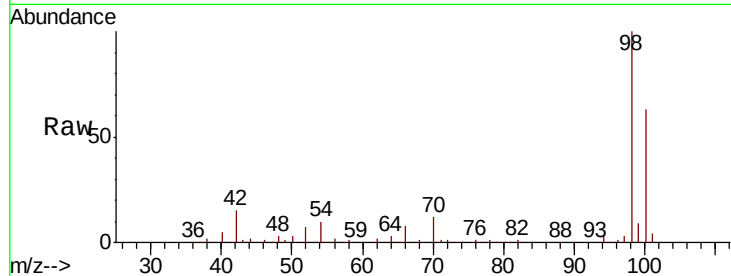
RAV-RAINEY-BEFORE

Tot Ion: 98 Resp: 665170

Ion Ratio Lower Upper

98 100

100 63.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052246.D

Acq: 9 Nov 2018 23:49

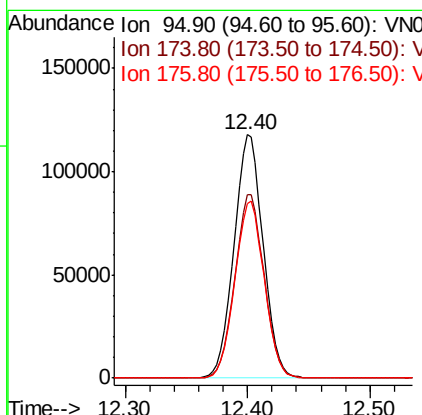
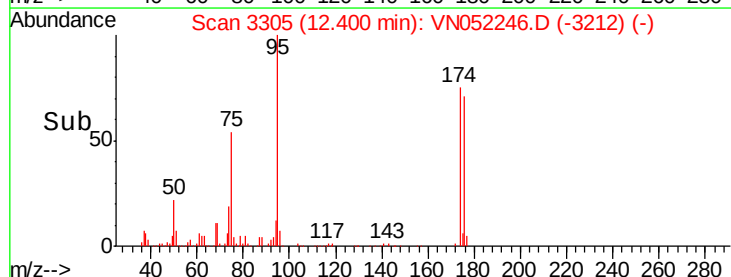
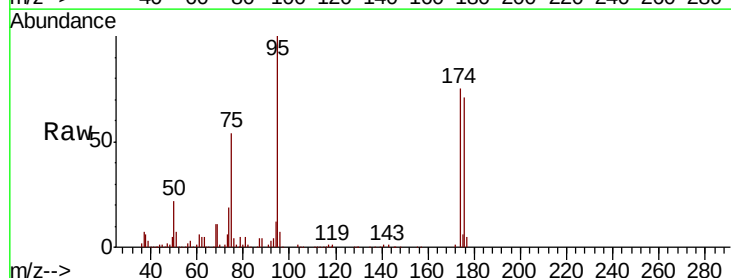
Tgt Ion: 95 Resp: 194906

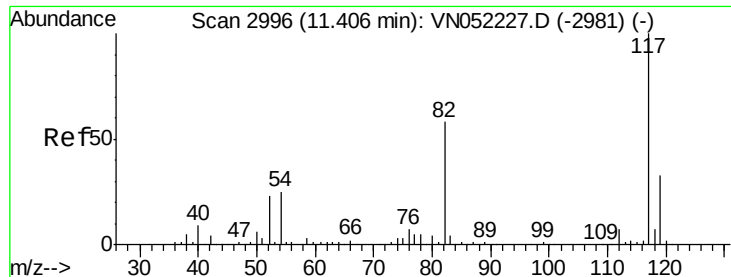
Ion Ratio Lower Upper

95 100

174 75.5 0.0 159.4

176 73.1 0.0 157.8

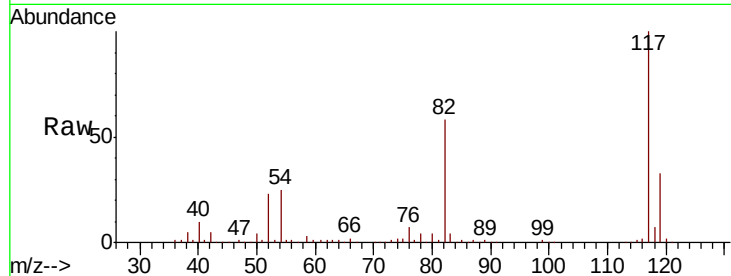




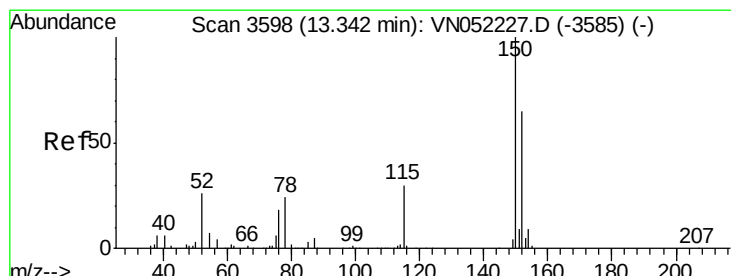
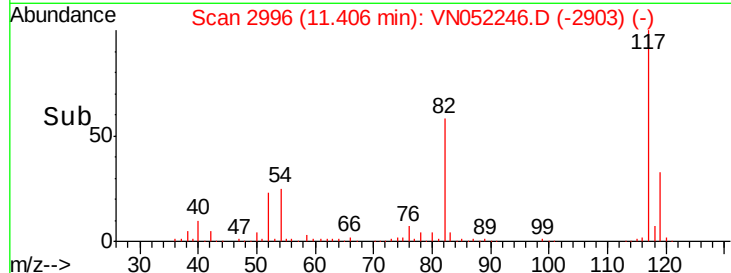
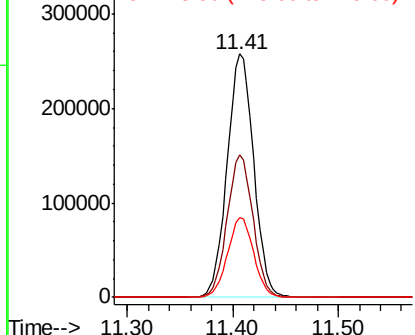
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052246.D
Acq: 9 Nov 2018 23:49

Instrument :
MSVOA_N
ClientSampleId :
RAV-RAINEY-BEFORE

Tot Ion:117 Resp: 448500
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.2
119 32.5 26.2 39.4

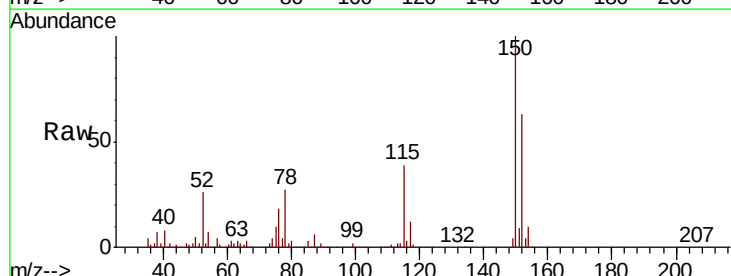


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052246.D
Acq: 9 Nov 2018 23:49

Tgt Ion:152 Resp: 151980
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.5
150 159.3 0.0 350.2



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

