

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052247.D
 Acq On : 10 Nov 2018 00:16
 Operator : MD\SY
 Sample : J5903-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RAV-RAINEY-AFTER

Quant Time: Nov 12 04:14:54 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	329792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	552989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160254	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212892	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	7.59	113	174751	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.09	98	681862	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	193479	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

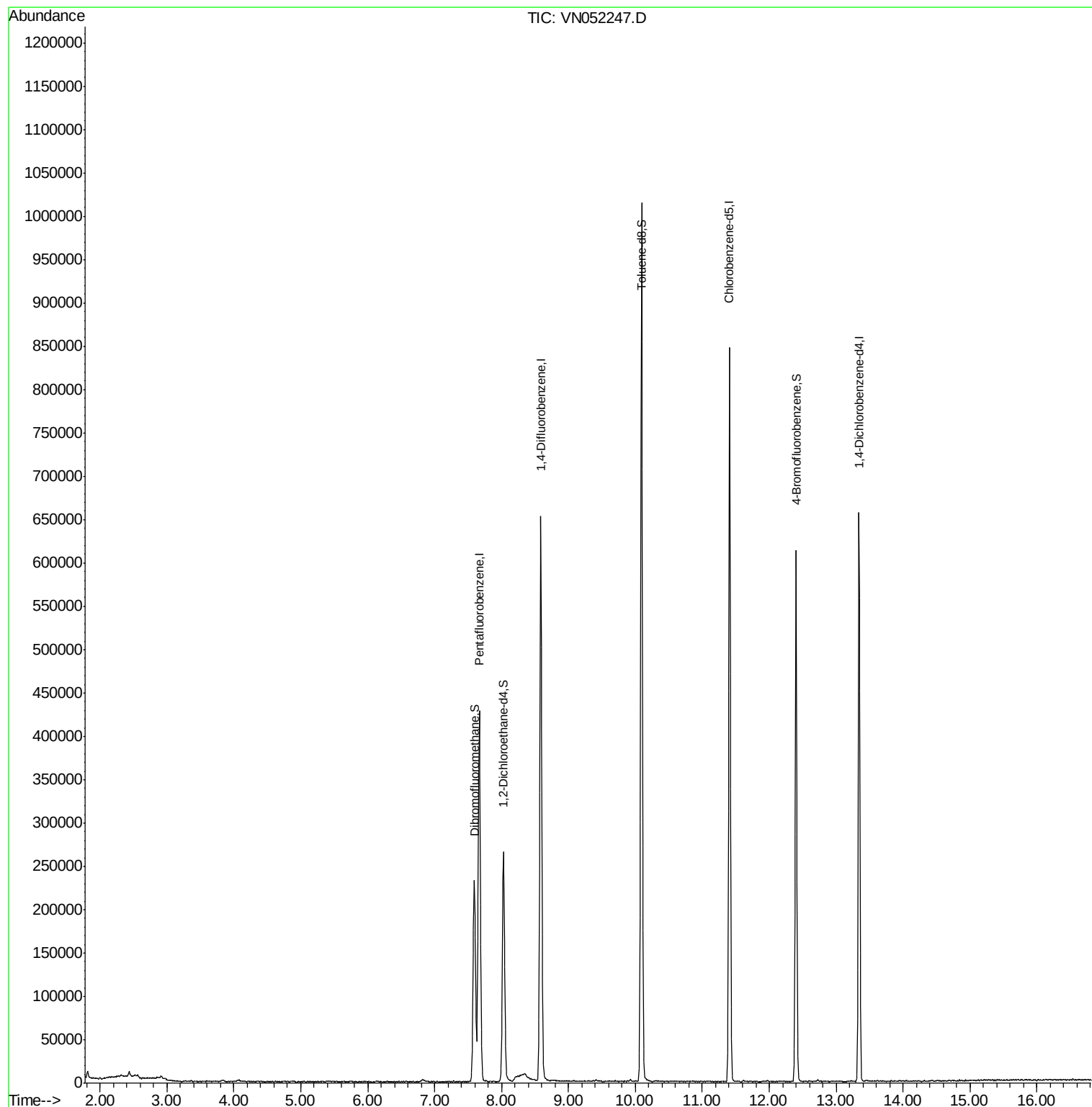
Target Compounds	Qvalue

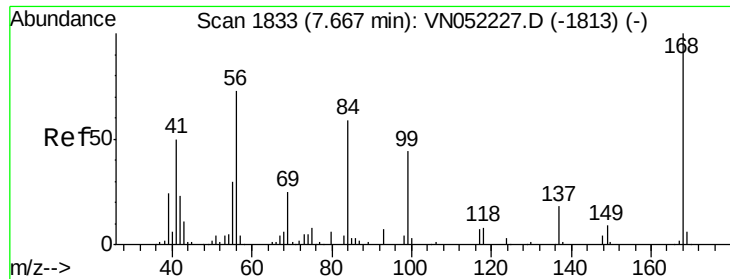
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052247.D

Acq: 10 Nov 2018 00:16

Instrument :

MSVOA_N

ClientSampleId :

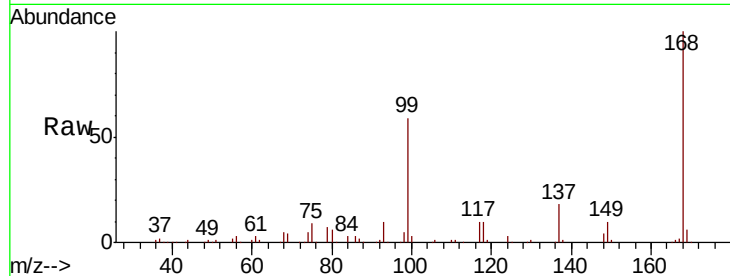
RAV-RAINEY-AFTER

Tot Ion:168 Resp: 329792

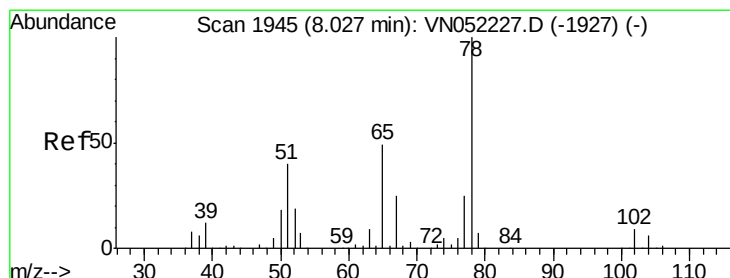
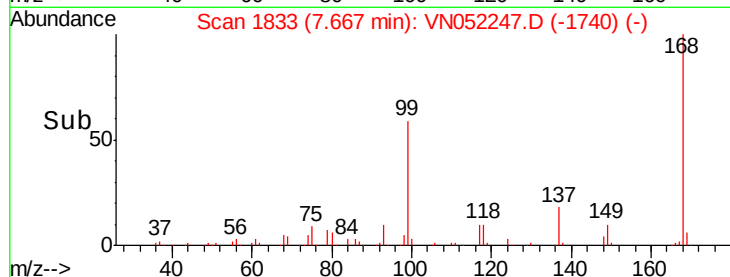
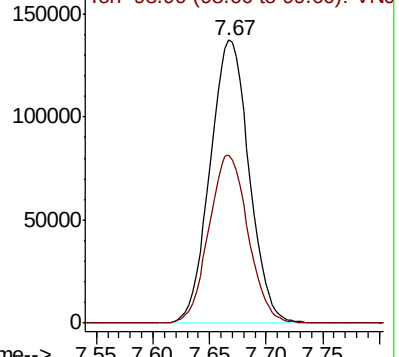
Ion Ratio Lower Upper

168 100

99 59.4 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: VN052247.D

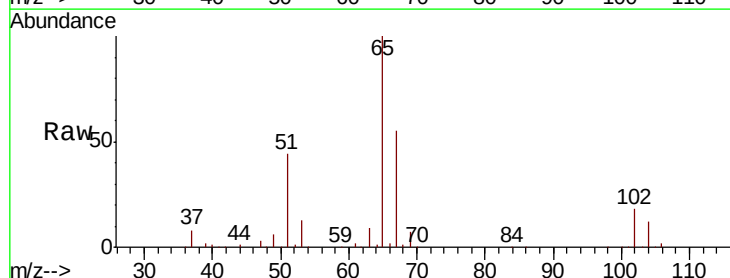
Acq: 10 Nov 2018 00:16

Tgt Ion: 65 Resp: 212892

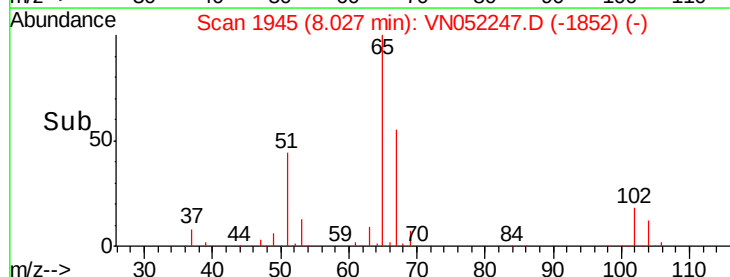
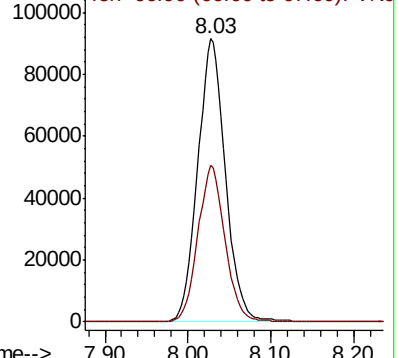
Ion Ratio Lower Upper

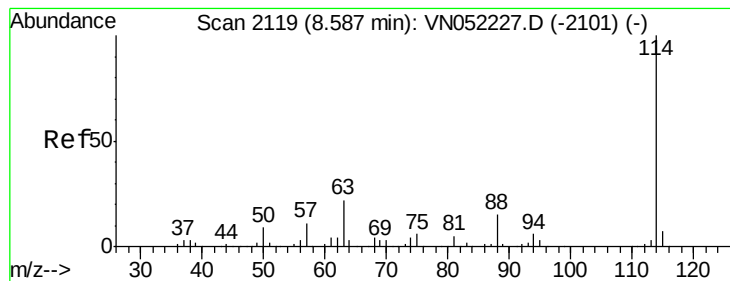
65 100

67 53.9 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: VN052247.D

Acq: 10 Nov 2018 00:16

Instrument :

MSVOA_N

ClientSampleId :

RAV-RAINEY-AFTER

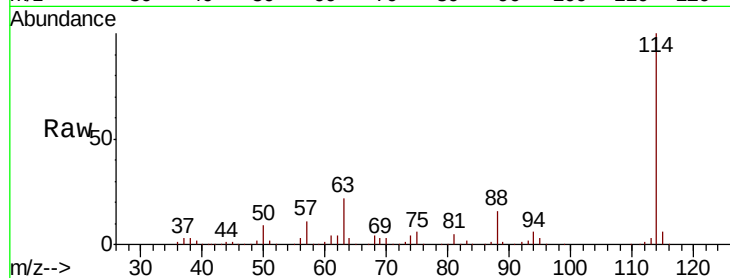
Tot Ion:114 Resp: 552989

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

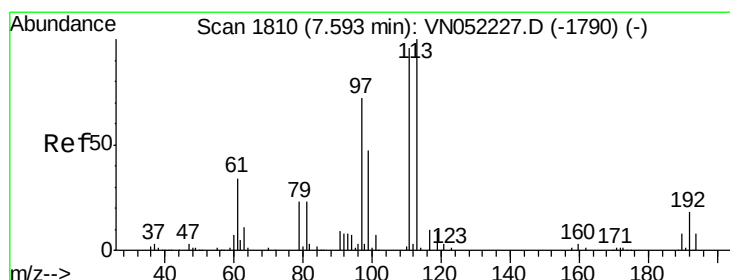
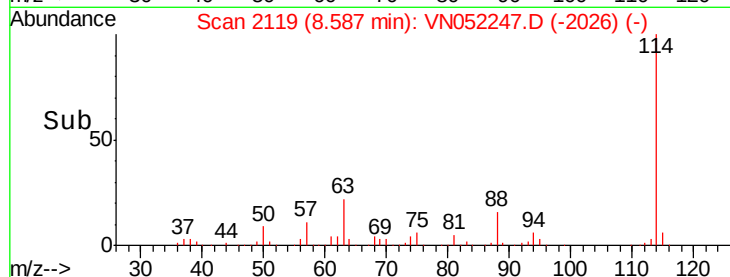
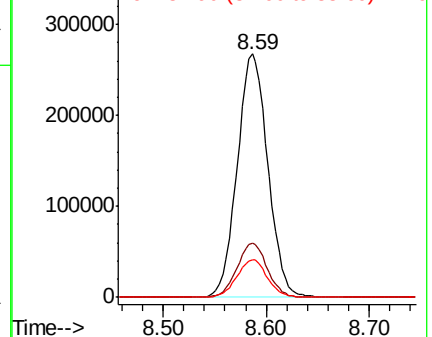
88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052247.D

Acq: 10 Nov 2018 00:16

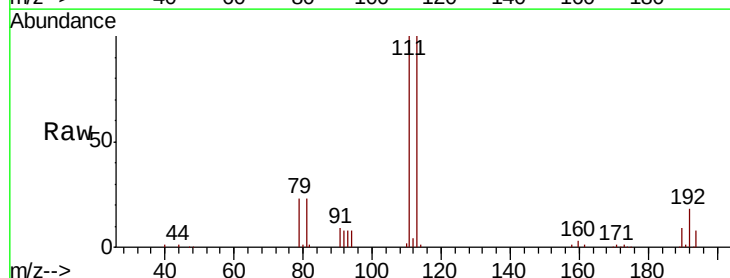
Tgt Ion:113 Resp: 174751

Ion Ratio Lower Upper

113 100

111 101.8 80.2 120.4

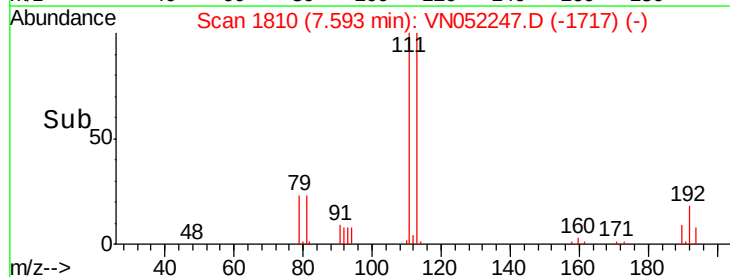
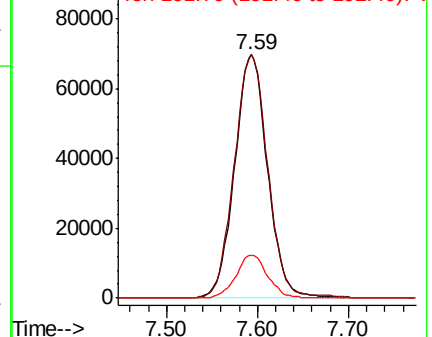
192 17.1 14.1 21.1

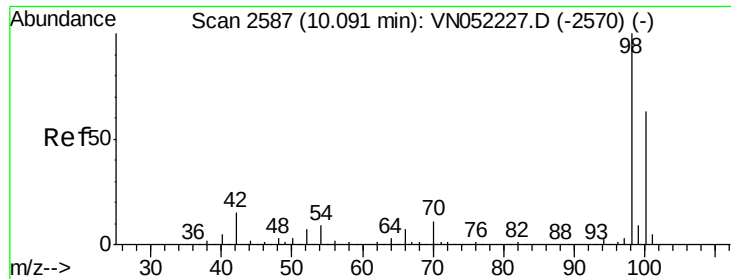


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

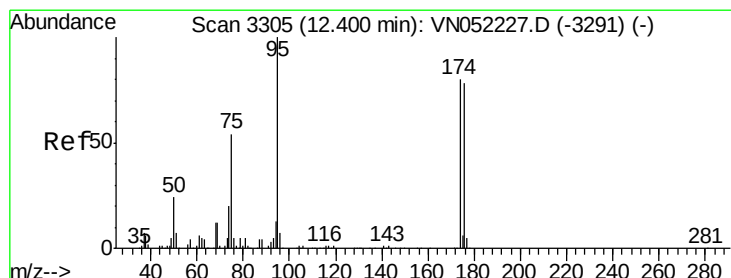
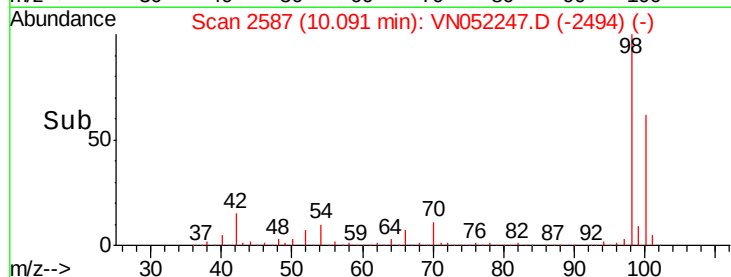
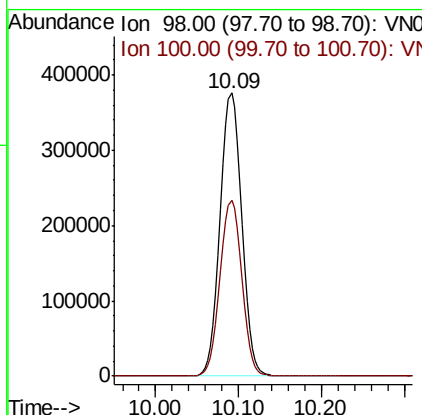
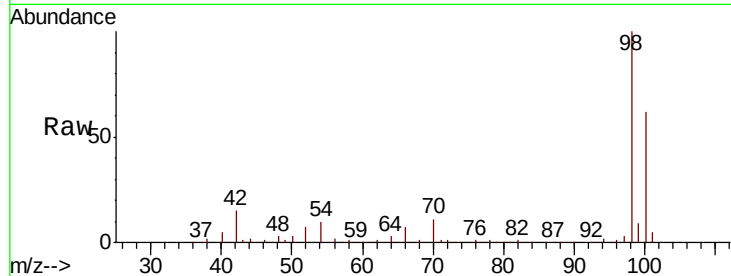




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052247.D
Acq: 10 Nov 2018 00:16

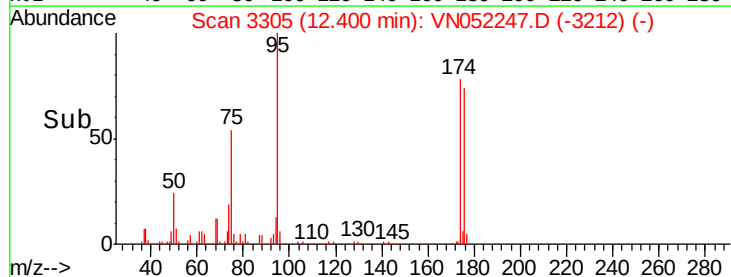
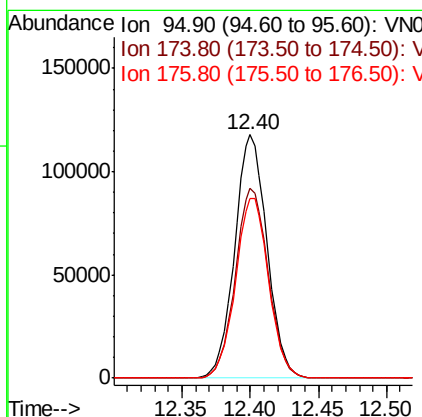
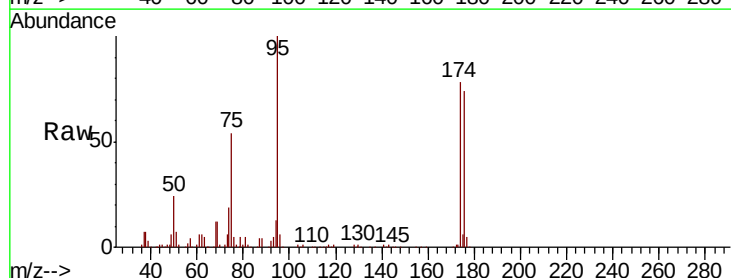
Instrument :
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ClientSampleId :
RAV-RAINEY-AFTER

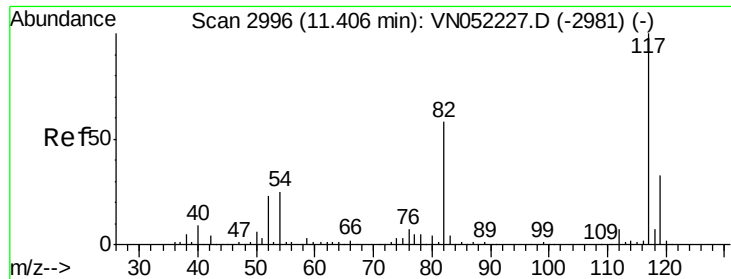
Tot Ion: 98 Resp: 681862
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052247.D
Acq: 10 Nov 2018 00:16

Tgt Ion: 95 Resp: 193479
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.4
176 75.8 0.0 157.8

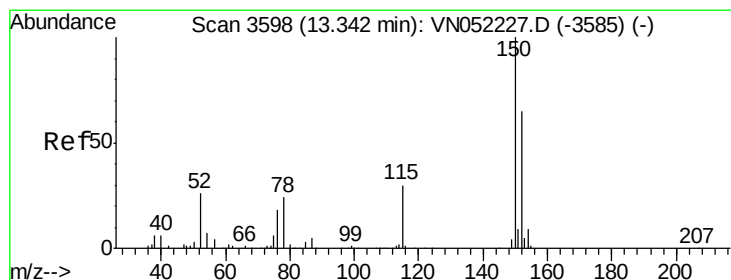
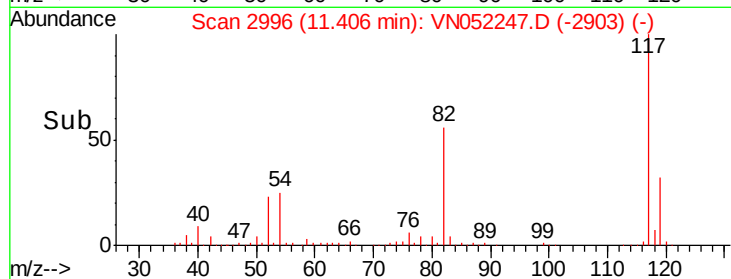
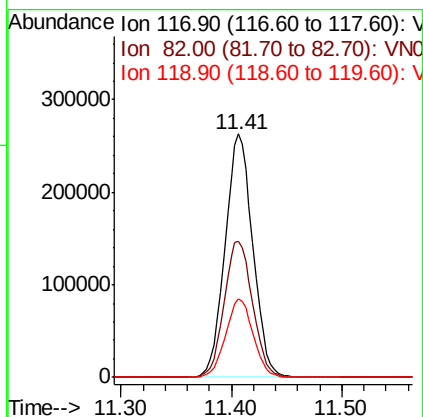
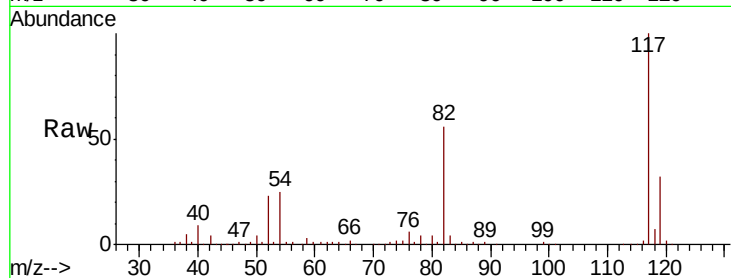




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052247.D
Acq: 10 Nov 2018 00:16

Instrument :
MSVOA_N
ClientSampleId :
RAV-RAINEY-AFTER

Tot Ion:117 Resp: 455795
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.2
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052247.D
Acq: 10 Nov 2018 00:16

Tgt Ion:152 Resp: 160254
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.5
150 156.1 0.0 350.2

