

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053951.D
 Acq On : 26 Feb 2019 13:30
 Operator : JC/SP
 Sample : K1605-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48966

Quant Time: Feb 27 02:52:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	618924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1093174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1058131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	390515	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	7.59	113	359259	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	1387212	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.40	95	450367	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

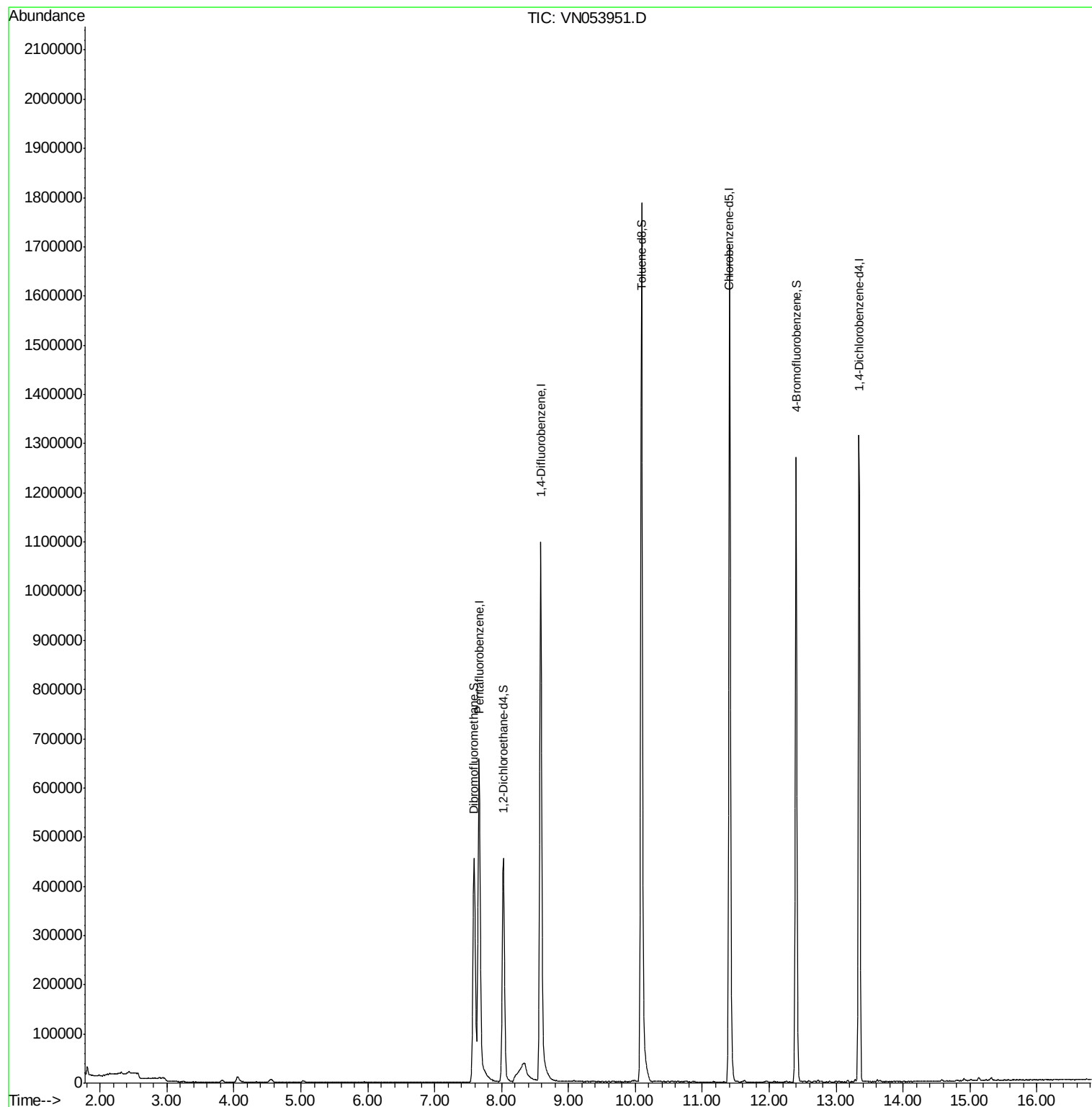
Target Compounds	Qvalue
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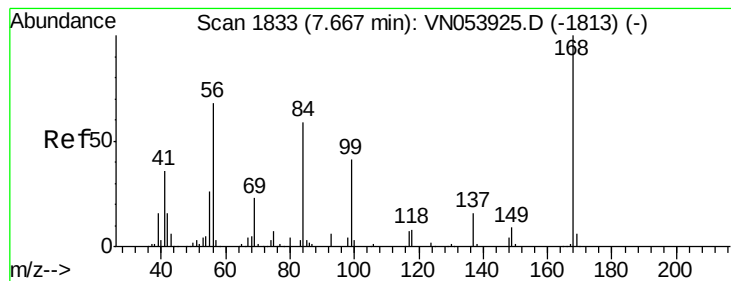
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053951.D

Acq: 26 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

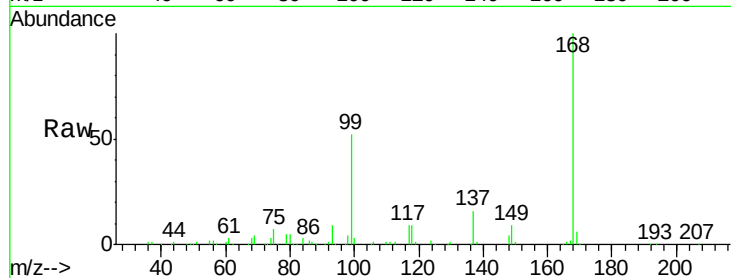
N48966

Tgt Ion:168 Resp: 618924

Ion Ratio Lower Upper

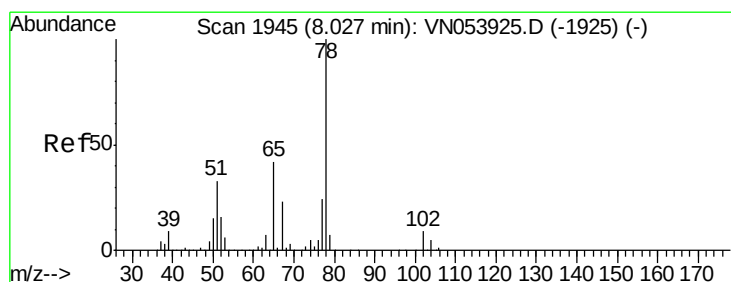
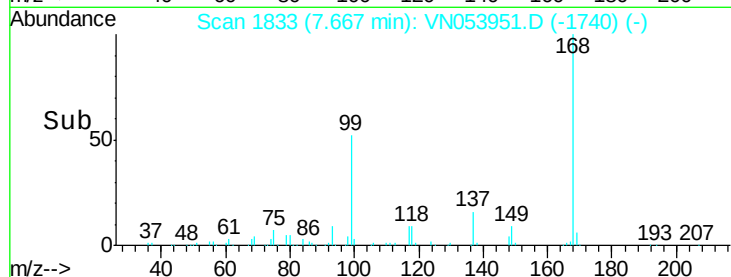
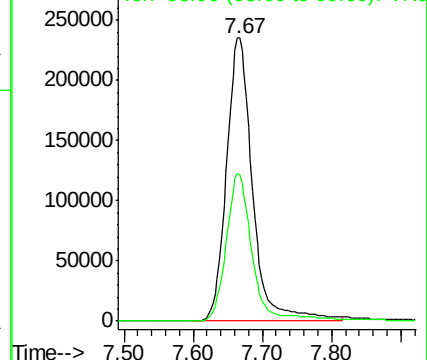
168 100

99 51.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 53.826 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053951.D

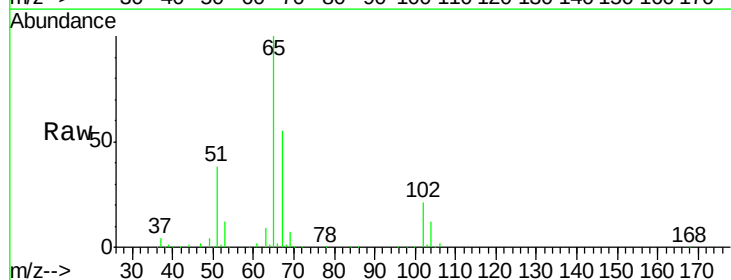
Acq: 26 Feb 2019 13:30

Tgt Ion: 65 Resp: 390515

Ion Ratio Lower Upper

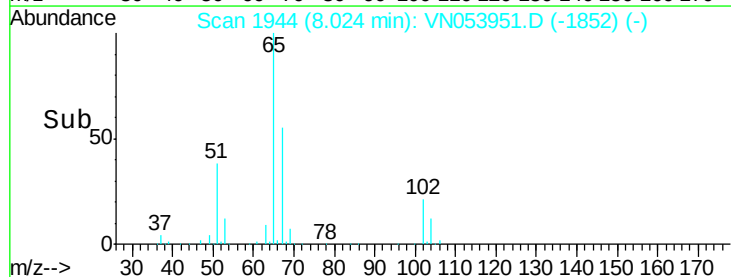
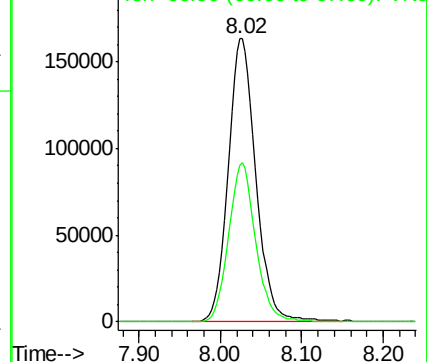
65 100

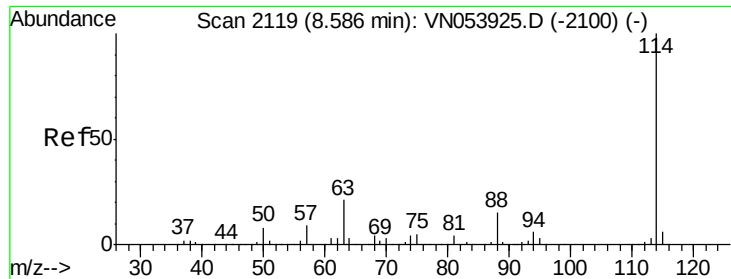
67 54.8 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

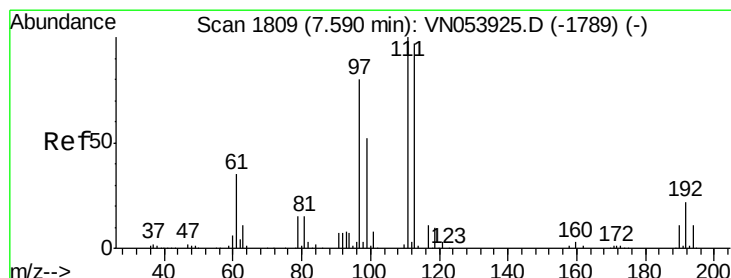
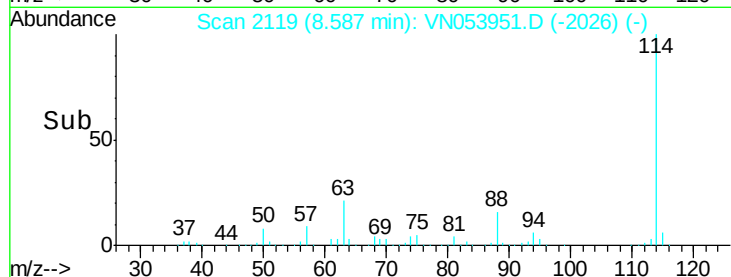
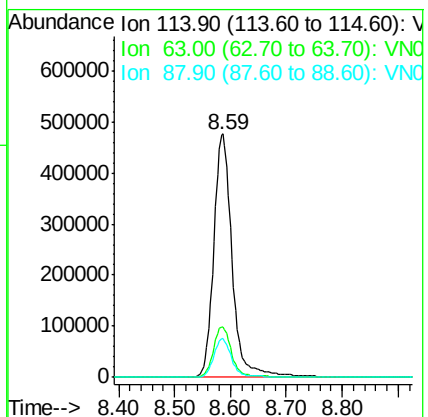
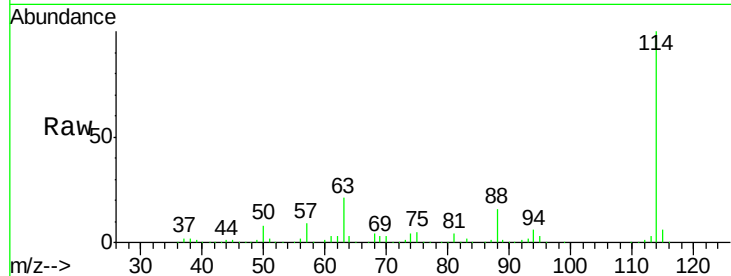




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053951.D
 Acq: 26 Feb 2019 13:30

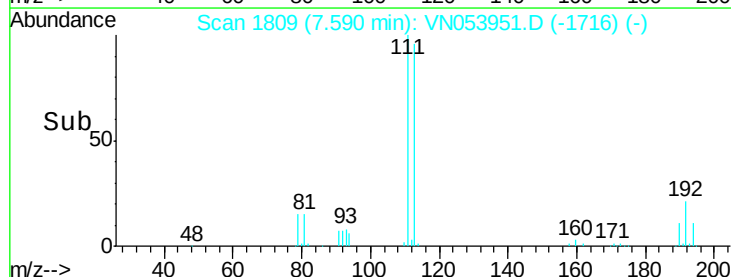
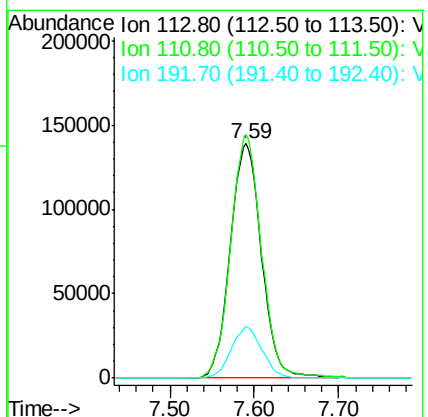
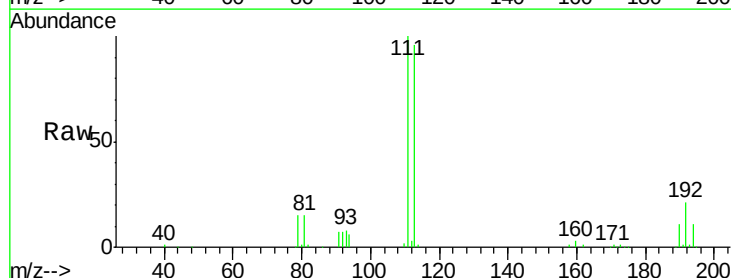
Instrument :
 MSVOA_N
 ClientSampleId :
 N48966

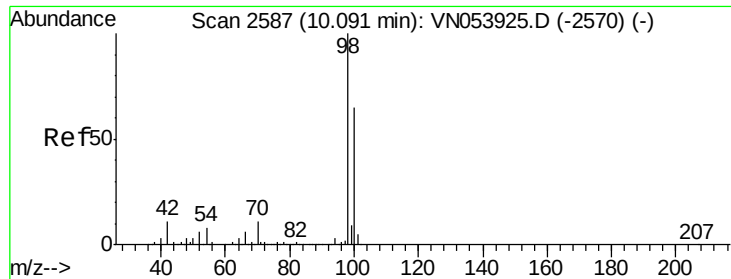
Tgt Ion:114 Resp: 1093174
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 16.1 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.821 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053951.D
 Acq: 26 Feb 2019 13:30

Tgt Ion:113 Resp: 359259
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 21.7 18.8 28.2





#50

Toluene-d8

Concen: 52.715 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053951.D

Acq: 26 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

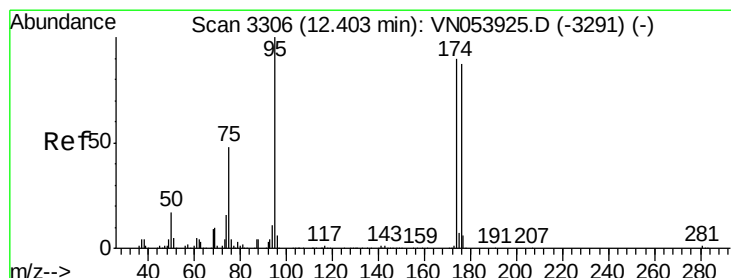
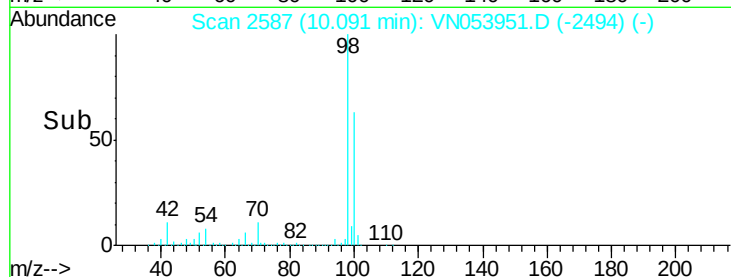
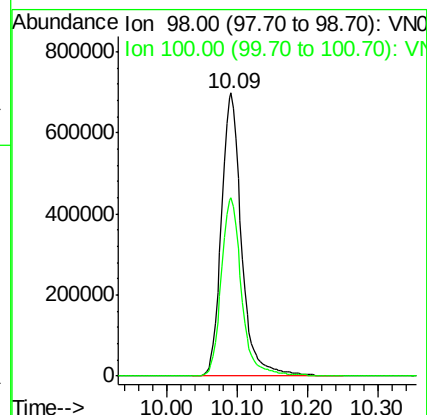
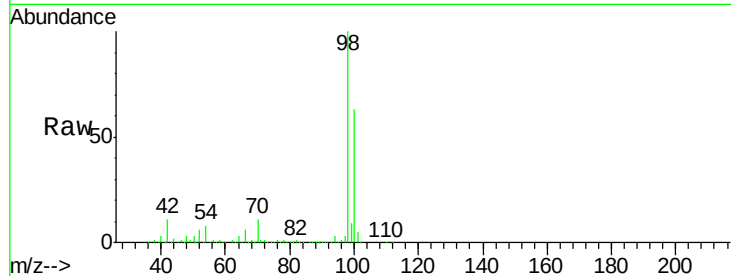
N48966

Tgt Ion: 98 Resp: 1387212

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.368 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053951.D

Acq: 26 Feb 2019 13:30

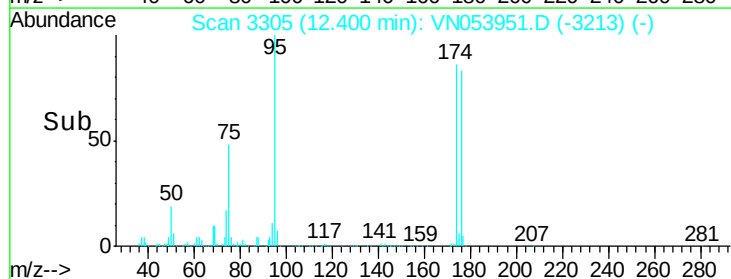
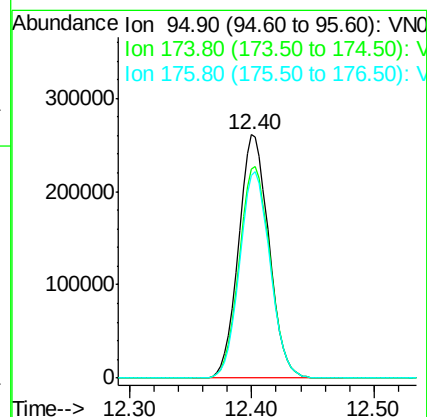
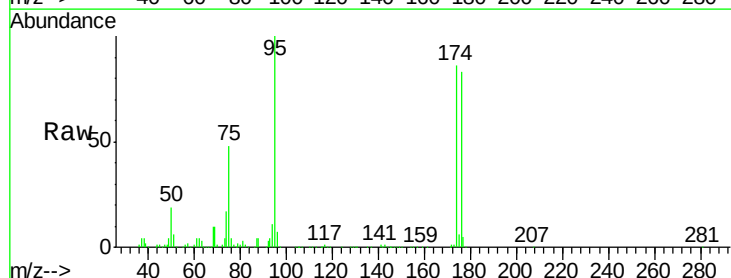
Tgt Ion: 95 Resp: 450367

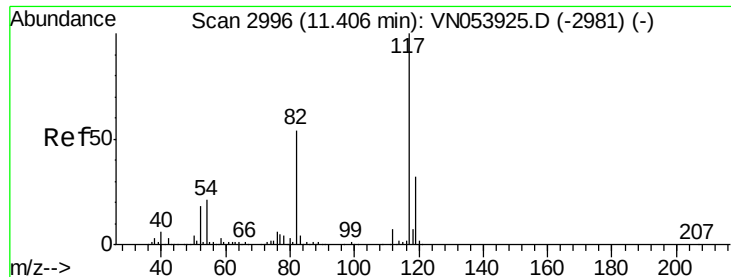
Ion Ratio Lower Upper

95 100

174 88.3 0.0 188.8

176 84.9 0.0 182.6

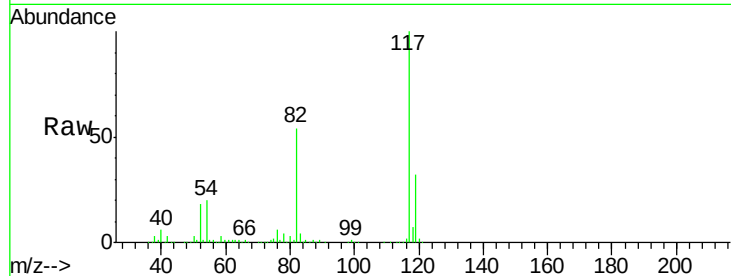




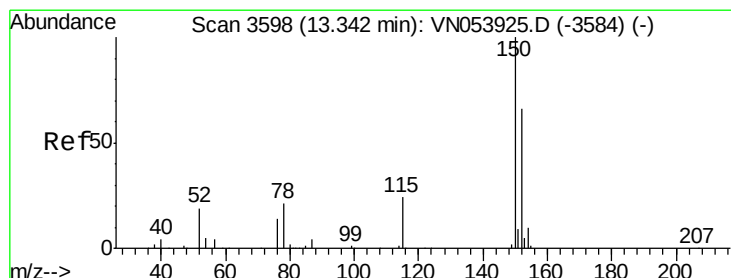
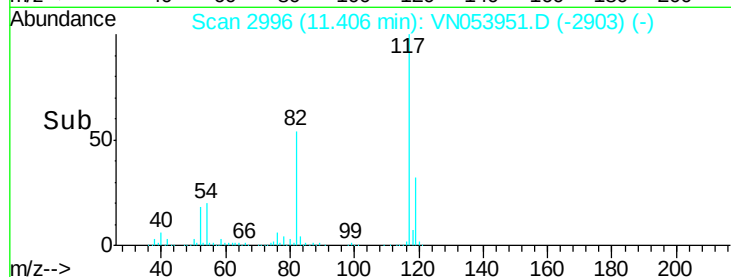
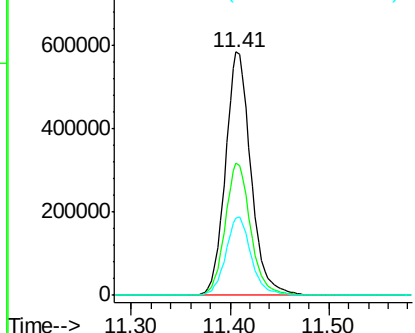
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053951.D
Acq: 26 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampleId :
N48966

Tgt Ion:117 Resp: 1058131
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.2
119 31.9 25.3 37.9

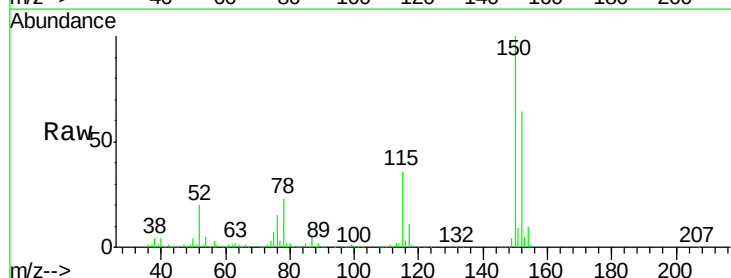


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053951.D
Acq: 26 Feb 2019 13:30

Tgt Ion:152 Resp: 374835
Ion Ratio Lower Upper
152 100
115 56.3 27.2 81.6
150 157.2 0.0 348.2



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

