

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054911.D
 Acq On : 2 Apr 2019 19:21
 Operator : JC/SP
 Sample : K1696-03 500X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 21860

Quant Time: Apr 03 06:55:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	519266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	865161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	734524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	246765	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	338864	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	7.59	113	274417	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	1032028	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.40	95	315448	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	

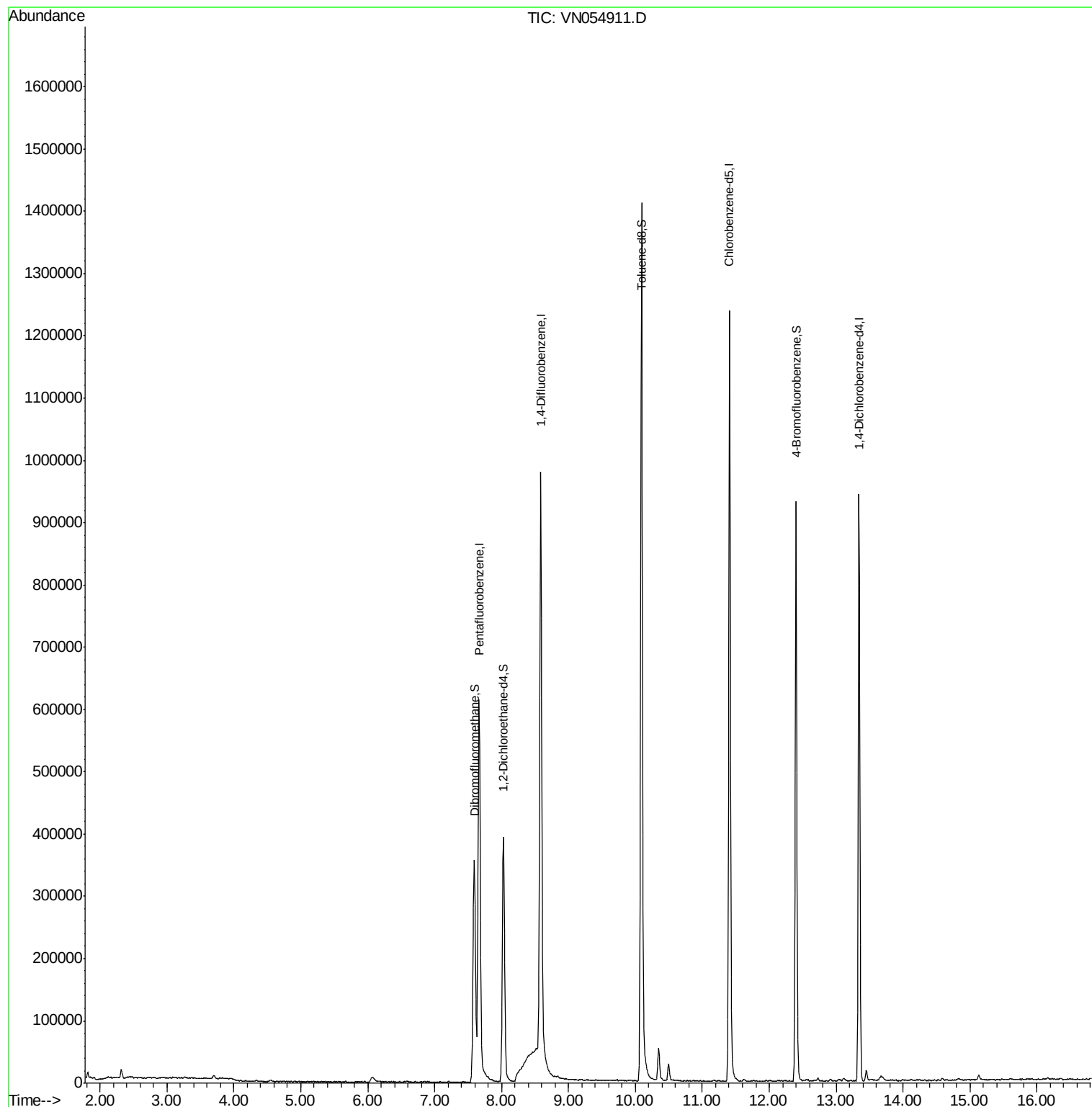
Target Compounds	Qvalue
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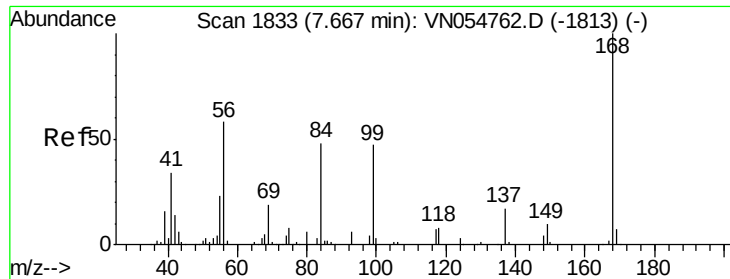
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054911.D

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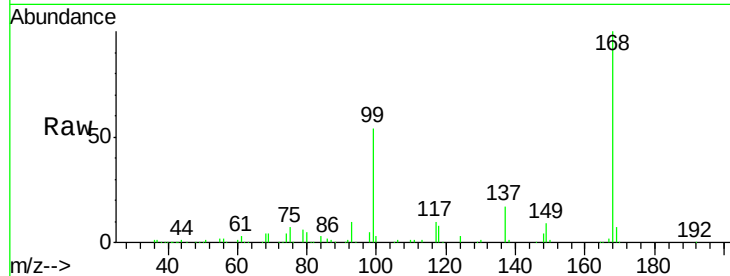
Instrument :
MSVOA_N
ClientSampleId :
21860

Tot Ion:168 Resp: 519266

Ion Ratio Lower Upper

168 100

99 54.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

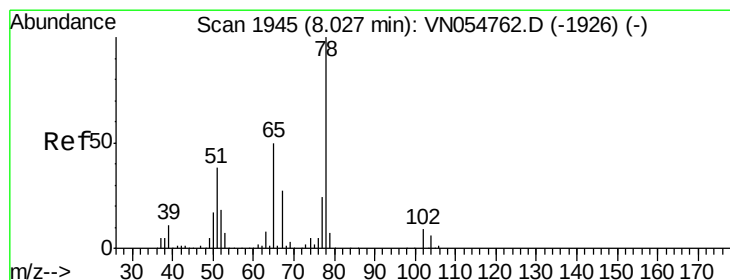
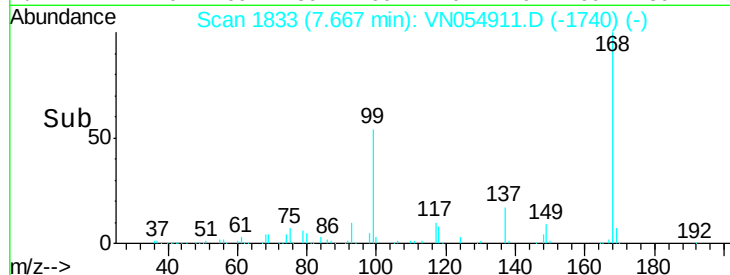
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 48.410 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054911.D

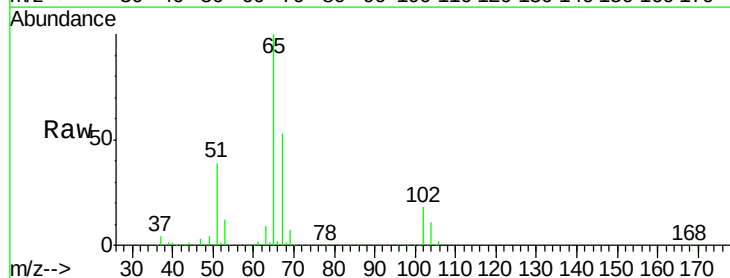
Acq: 2 Apr 2019 19:21

Tgt Ion: 65 Resp: 338864

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

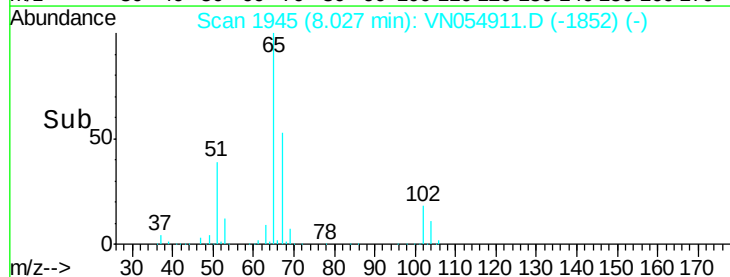
150000

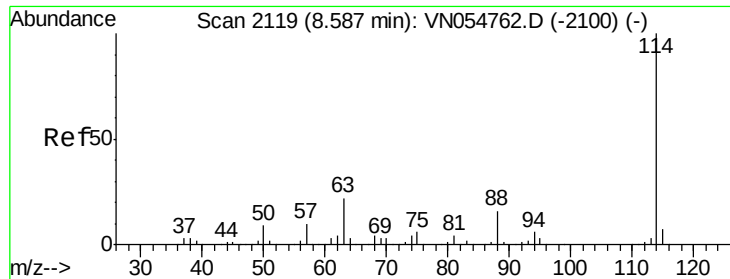
100000

50000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054911.D

Acq: 2 Apr 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

21860

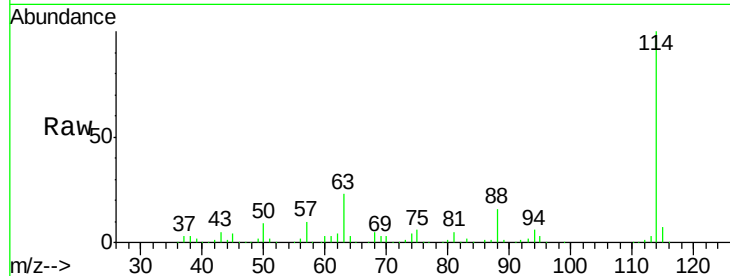
Tot Ion:114 Resp: 865161

Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.2

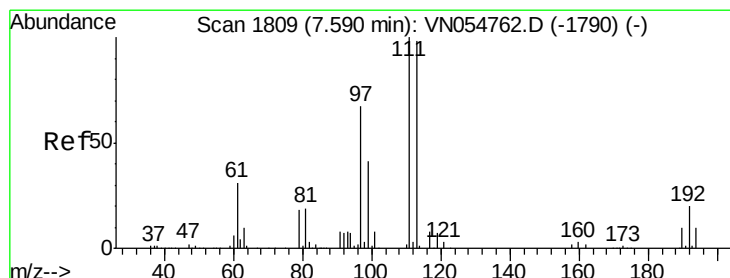
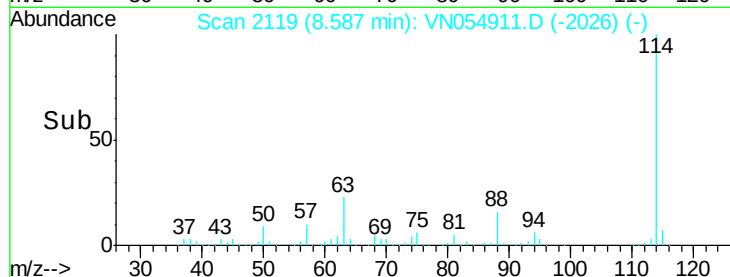
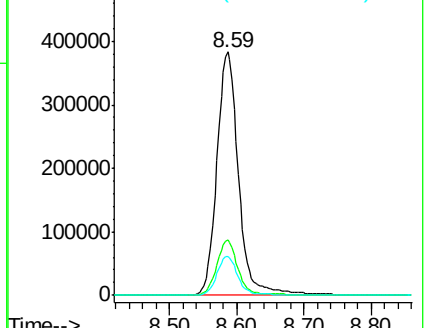
88 16.2 0.0 30.2



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: 47.576 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054911.D

Acq: 2 Apr 2019 19:21

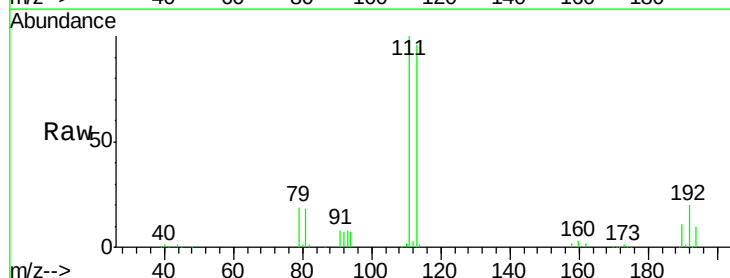
Tgt Ion:113 Resp: 274417

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

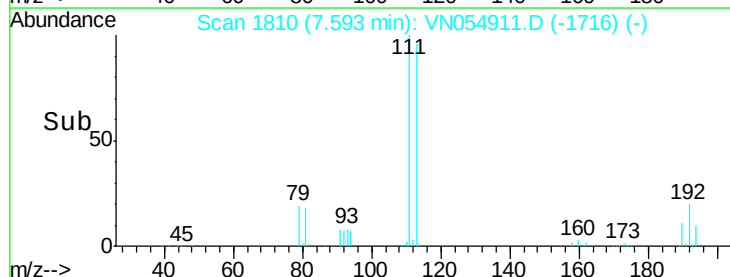
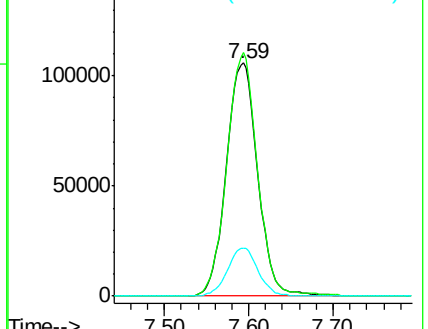
192 20.2 19.2 28.8

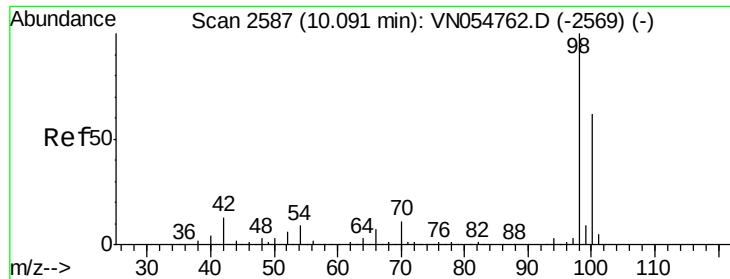


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

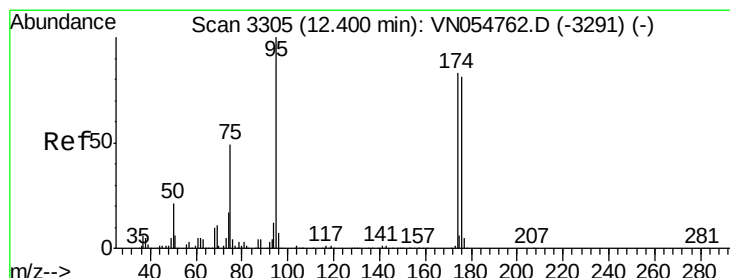
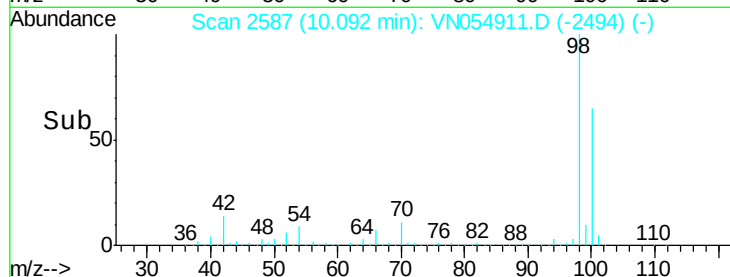
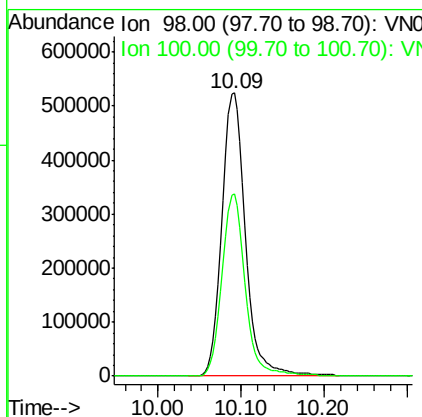
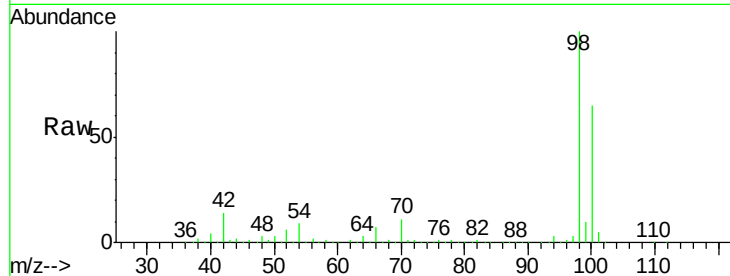




#50
Toluene-d8
Concen: 48.127 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054911.D
Acq: 2 Apr 2019 19:21

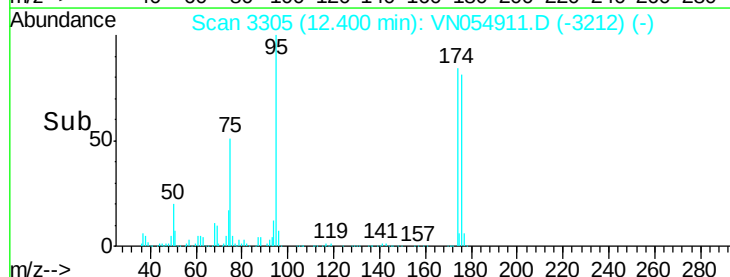
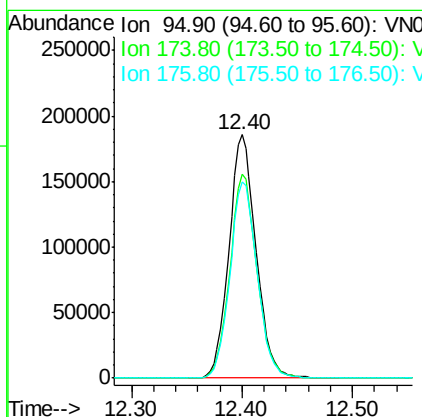
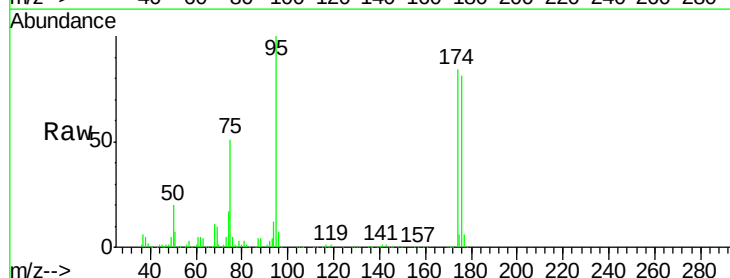
Instrument :
MSVOA_N
ClientSampled :
21860

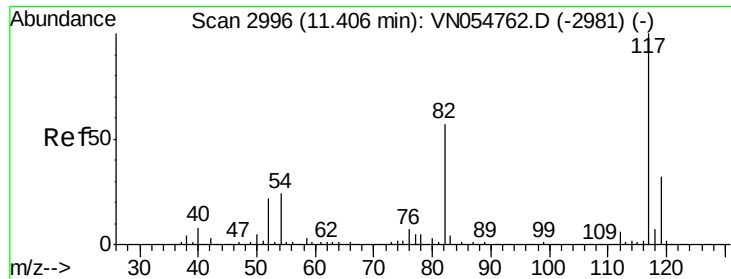
Tot Ion: 98 Resp: 1032028
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.231 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054911.D
Acq: 2 Apr 2019 19:21

Tgt Ion: 95 Resp: 315448
Ion Ratio Lower Upper
95 100
174 83.8 0.0 191.0
176 81.2 0.0 187.4

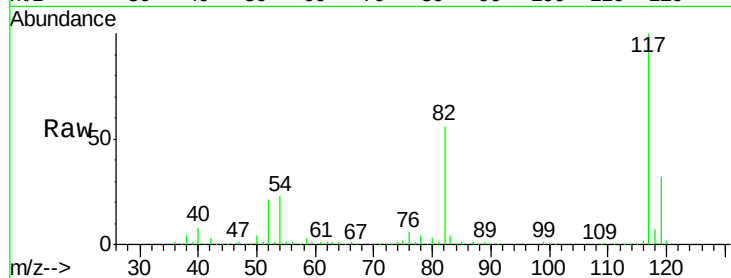




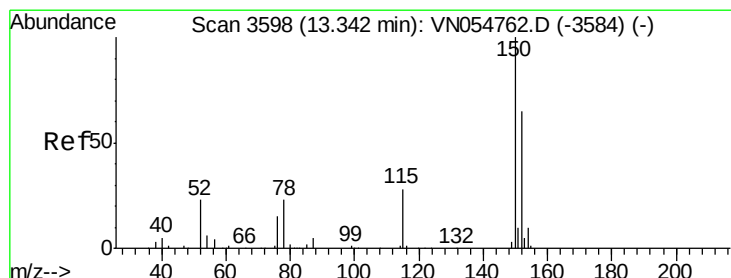
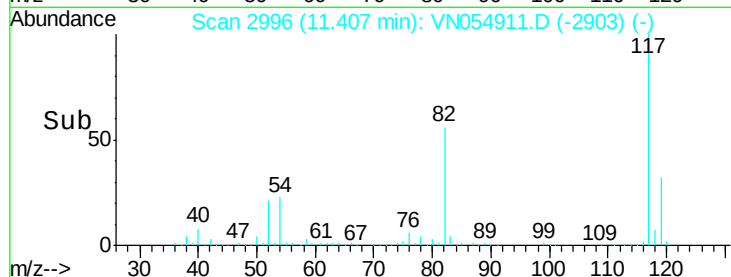
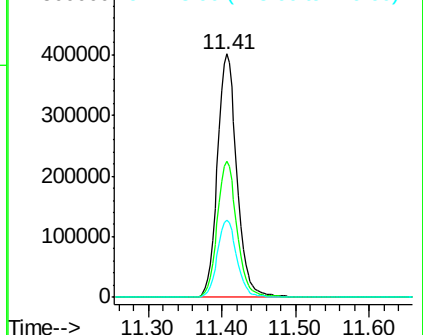
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054911.D
Acq: 2 Apr 2019 19:21

Instrument :
MSVOA_N
ClientSampled :
21860

Tot Ion:117 Resp: 734524
Ion Ratio Lower Upper
117 100
82 55.9 40.0 60.0
119 31.9 25.8 38.6

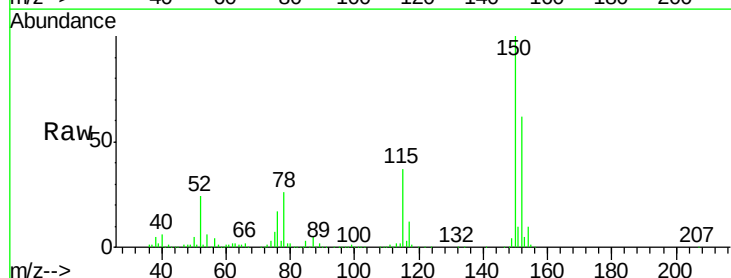


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054911.D
Acq: 2 Apr 2019 19:21

Tgt Ion:152 Resp: 246765
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 159.2 0.0 349.2



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

