

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055407.D
 Acq On : 6 May 2019 10:19
 Operator : JC/SP
 Sample : VN0506WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBL01

Quant Time: May 07 01:25:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	481140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	823704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220398	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	331257	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
35) Dibromofluoromethane	7.59	113	271347	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.09	98	1029300	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.40	95	335308	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	

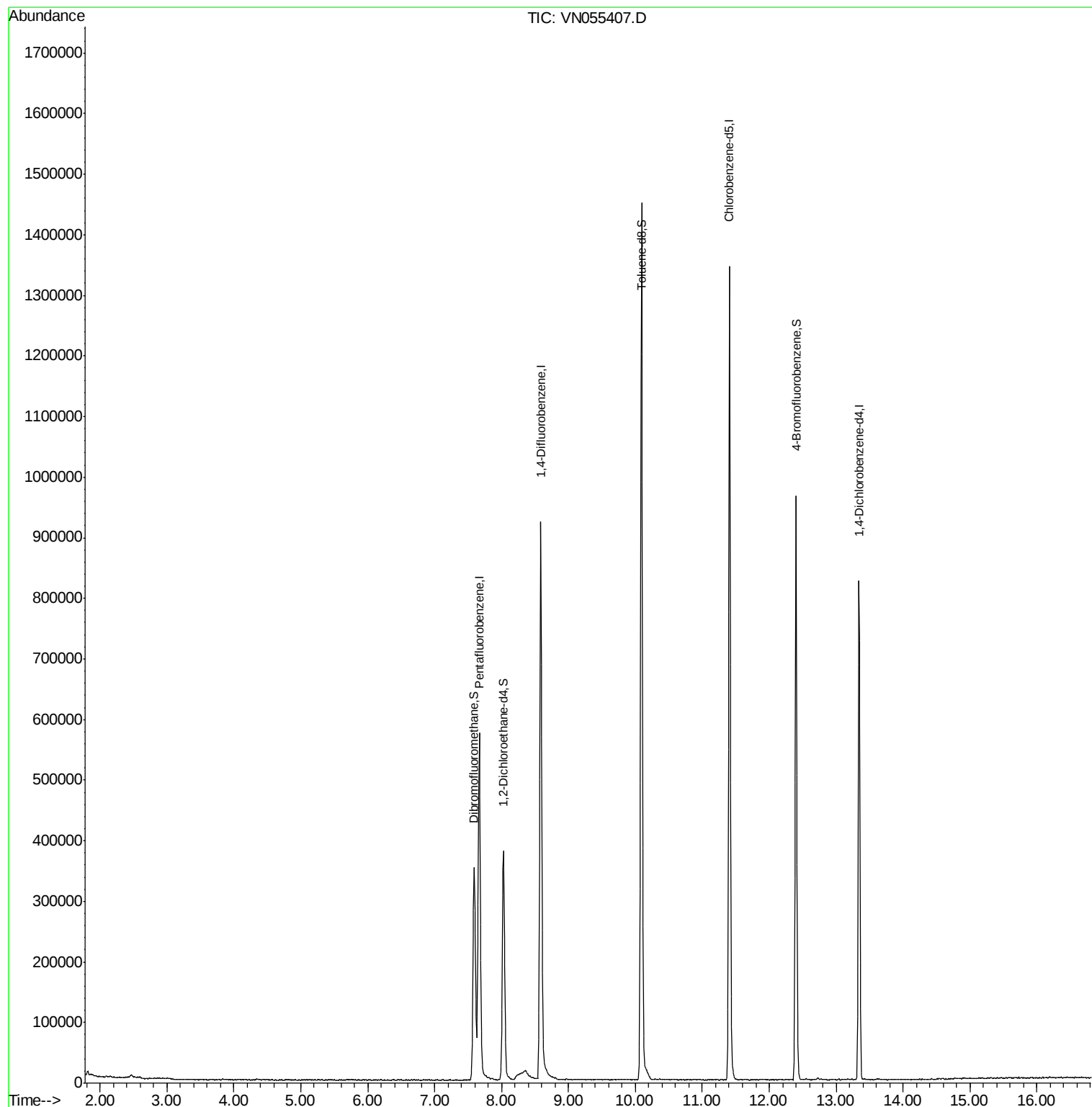
Target Compounds	Qvalue
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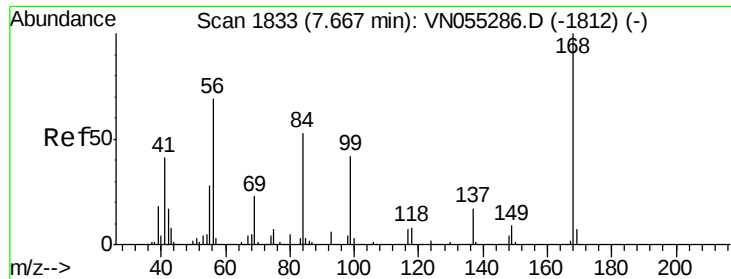
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055407.D

Acq: 6 May 2019 10:19

Instrument :

MSVOA_N

ClientSampleId :

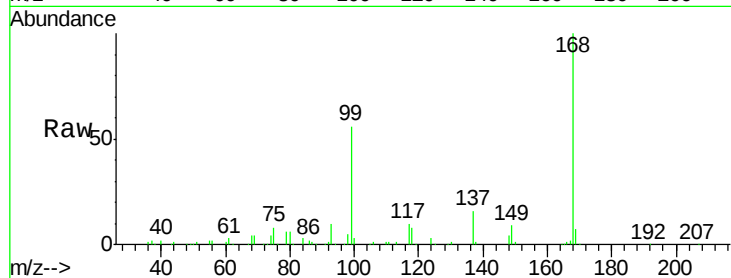
VN0506WBL01

Tot Ion:168 Resp: 481140

Ion Ratio Lower Upper

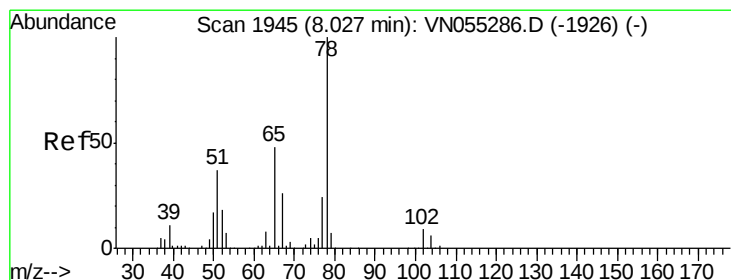
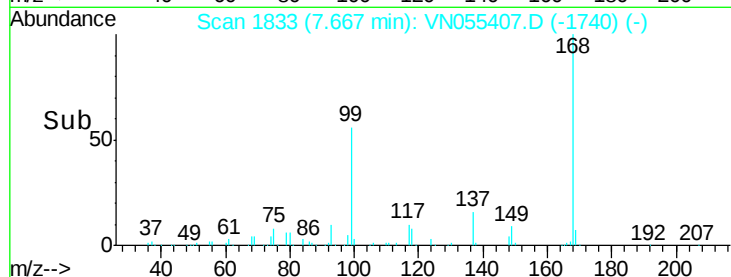
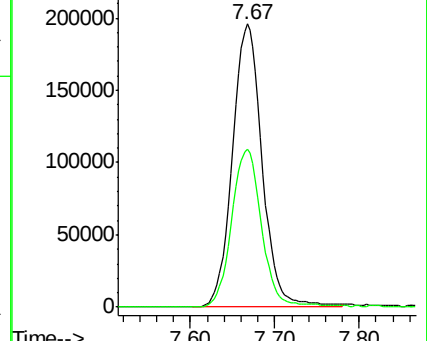
168 100

99 55.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.627 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055407.D

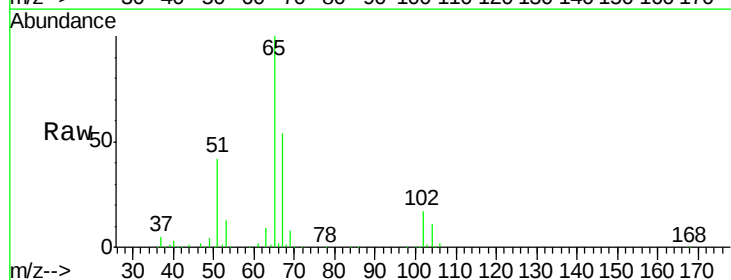
Acq: 6 May 2019 10:19

Tgt Ion: 65 Resp: 331257

Ion Ratio Lower Upper

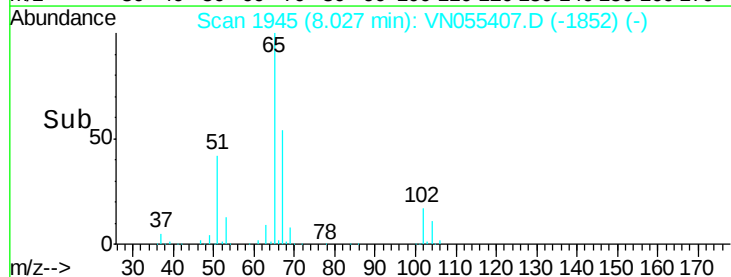
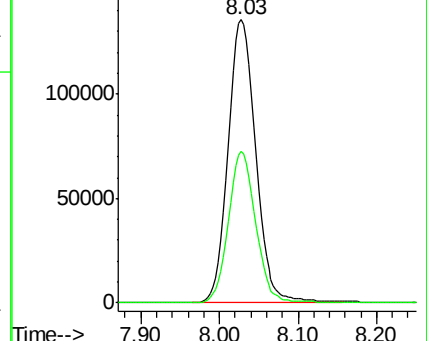
65 100

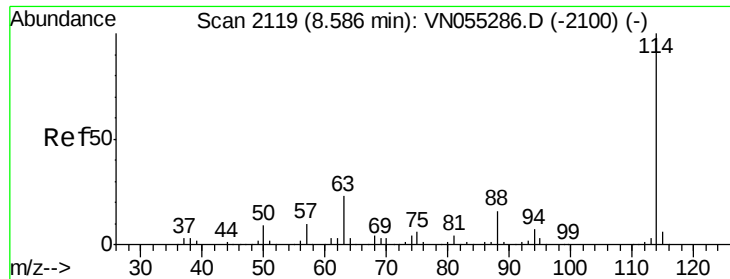
67 52.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055407.D

Acq: 6 May 2019 10:19

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBL01

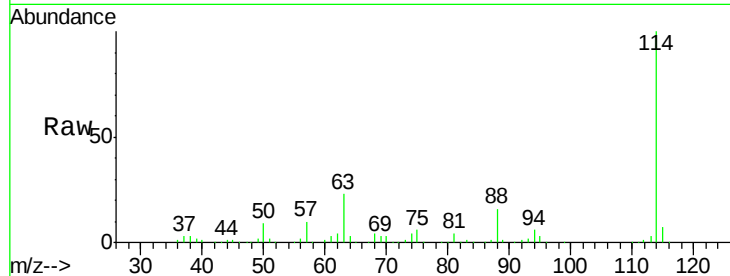
Tot Ion:114 Resp: 823704

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

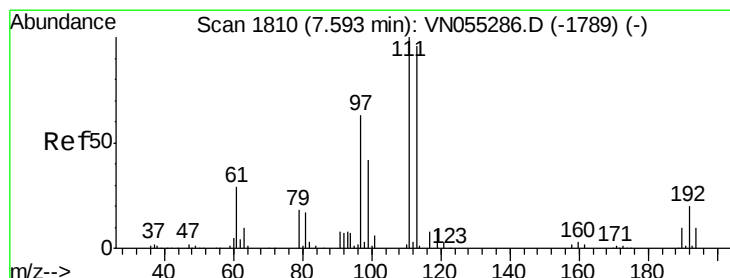
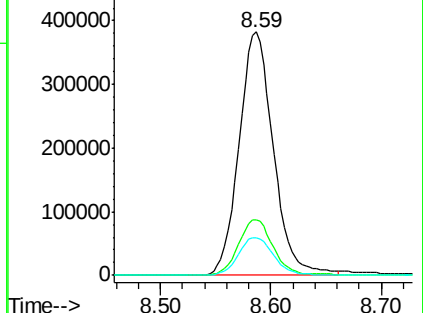
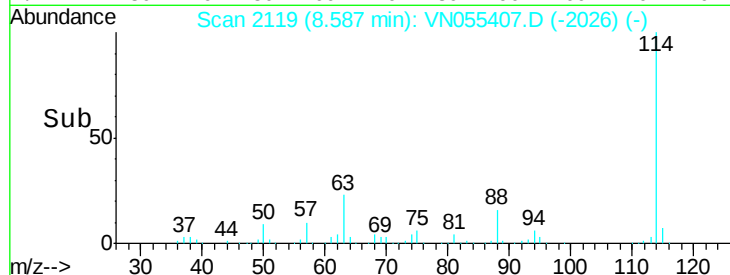
88 15.7 0.0 31.6



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: 50.189 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055407.D

Acq: 6 May 2019 10:19

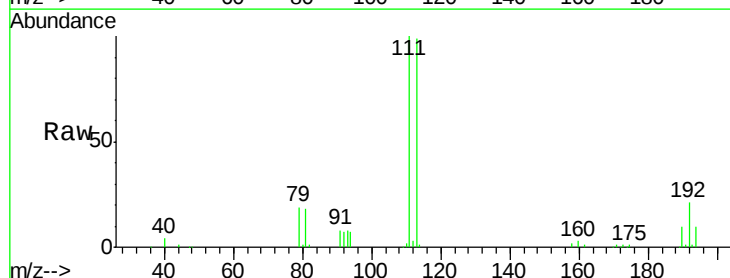
Tgt Ion:113 Resp: 271347

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

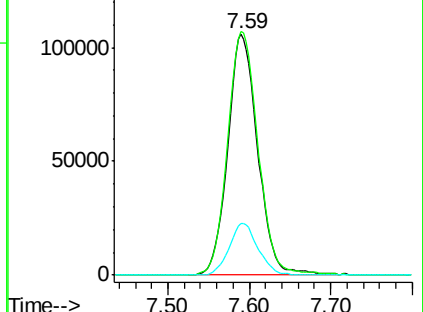
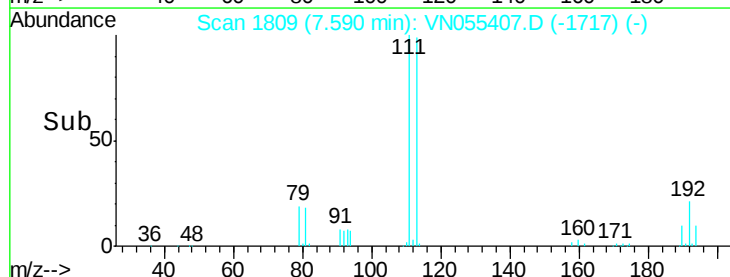
192 20.8 17.0 25.6

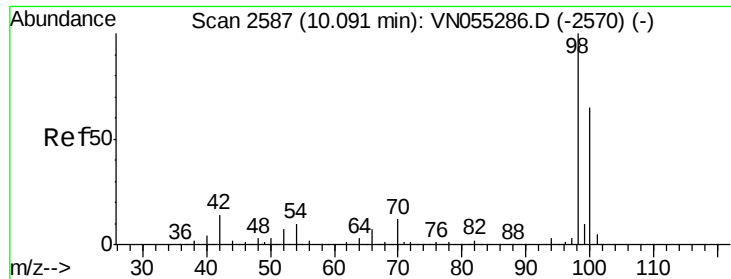


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.724 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055407.D

Acq: 6 May 2019 10:19

Instrument :

MSVOA_N

ClientSampleId :

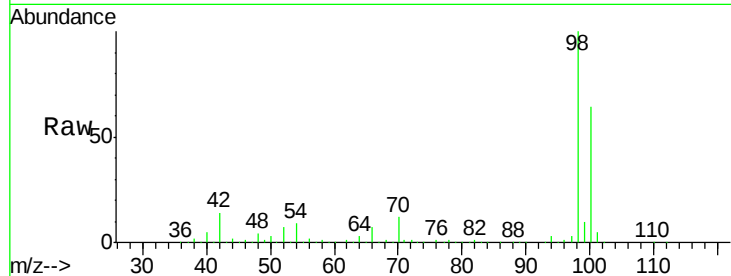
VN0506WBL01

Tot Ion: 98 Resp: 1029300

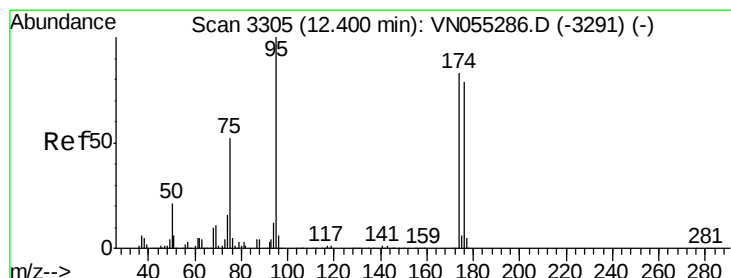
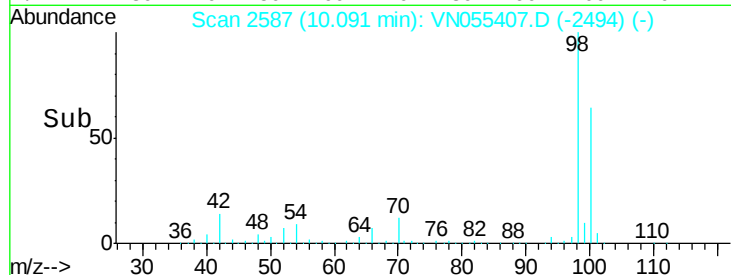
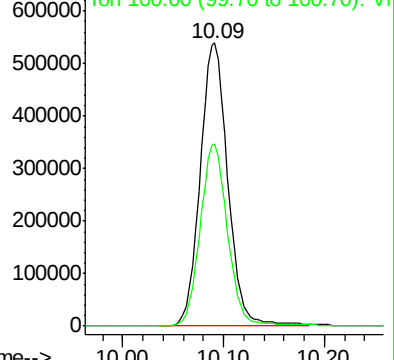
Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 54.956 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055407.D

Acq: 6 May 2019 10:19

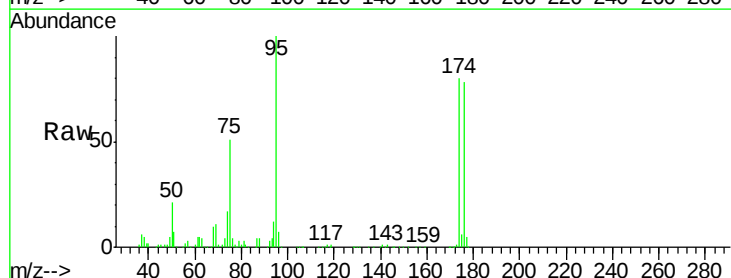
Tgt Ion: 95 Resp: 335308

Ion Ratio Lower Upper

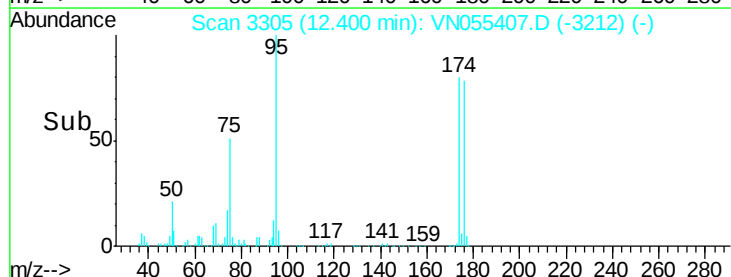
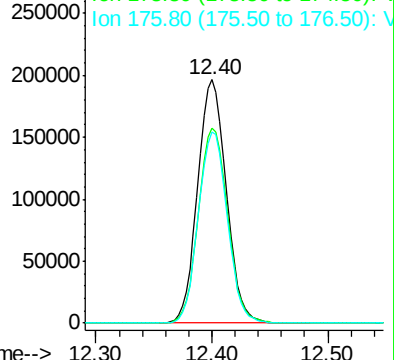
95 100

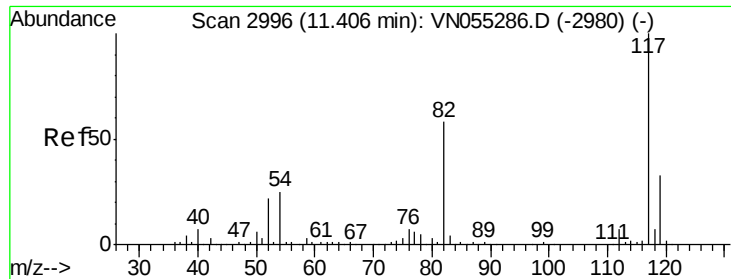
174 81.8 0.0 166.6

176 78.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

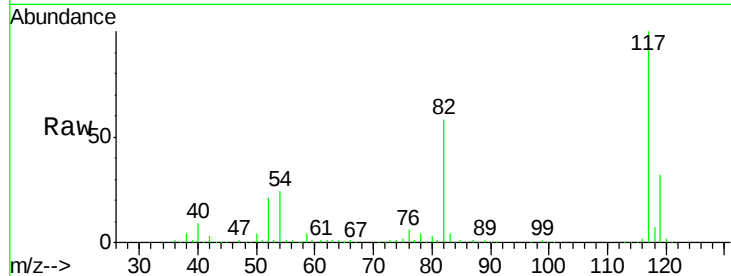




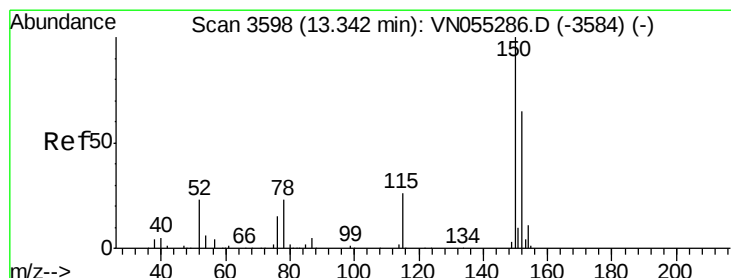
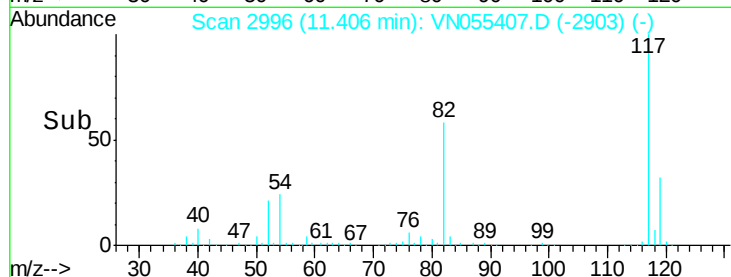
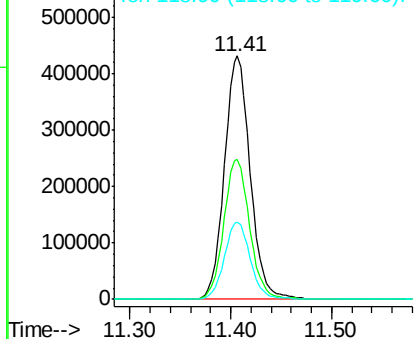
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055407.D
Acq: 6 May 2019 10:19

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

Tot Ion:117 Resp: 770202
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.7 26.6 40.0

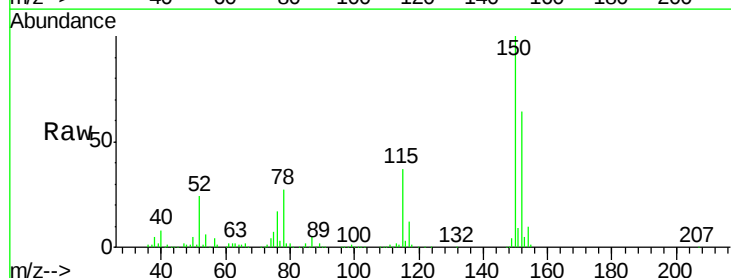


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055407.D
Acq: 6 May 2019 10:19

Tgt Ion:152 Resp: 220398
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.0
150 158.3 0.0 345.6



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

