

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055217.D
 Acq On : 24 Apr 2019 10:38
 Operator : JC/SP
 Sample : VN0424WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBL01

Quant Time: Apr 25 04:28:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	376648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	635101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	253751	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.59	113	206374	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	10.09	98	772646	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	235766	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

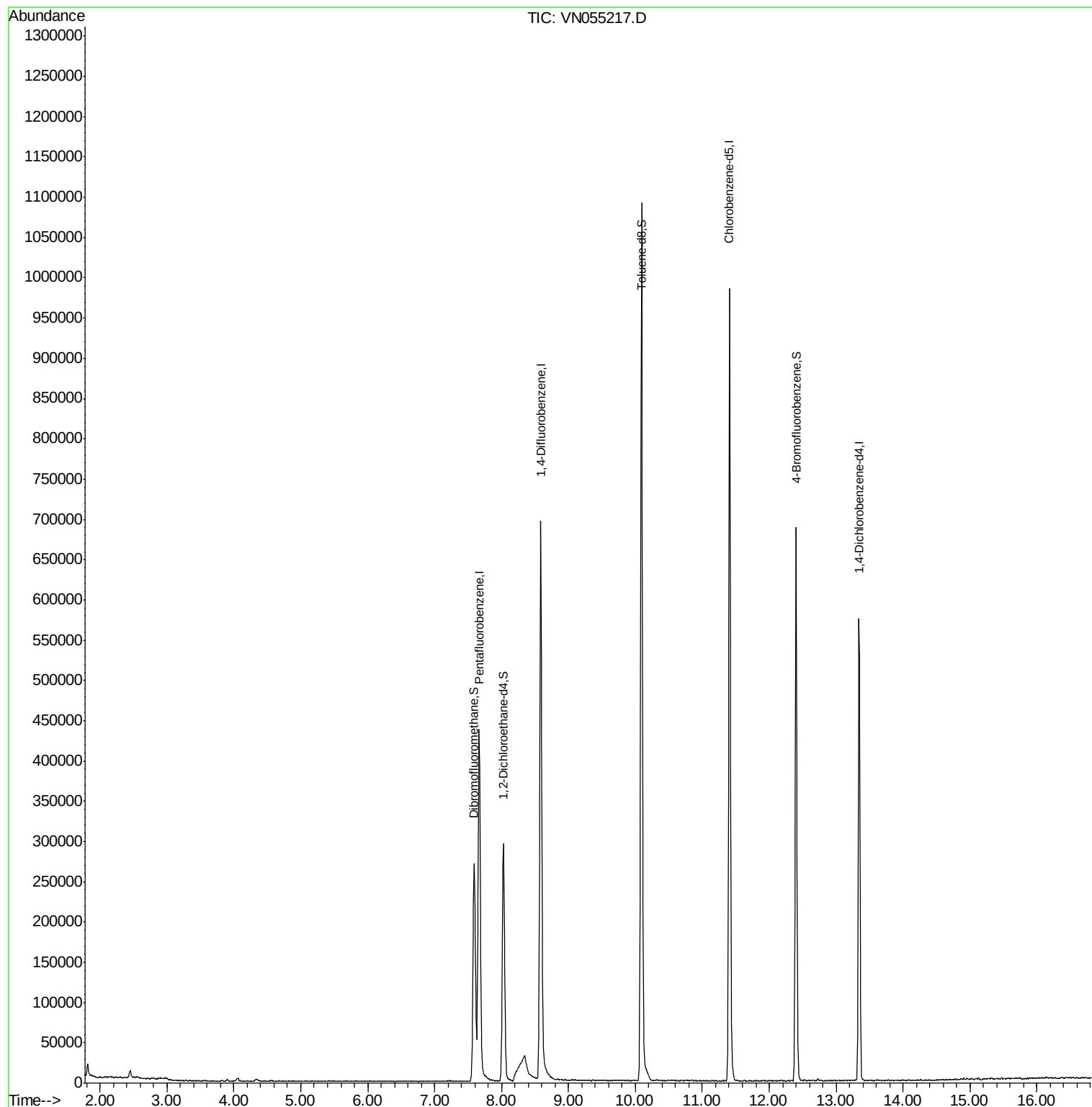
Target Compounds	Qvalue

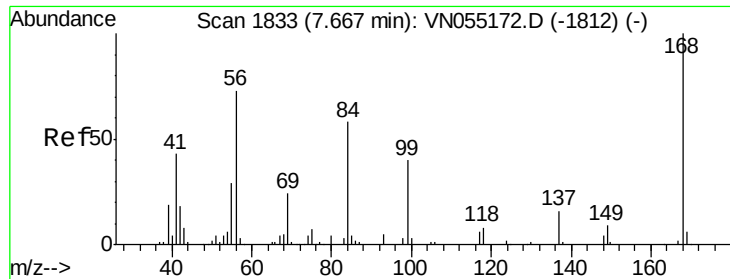
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055217.D

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Instrument :

MSVOA_N

ClientSampleId :

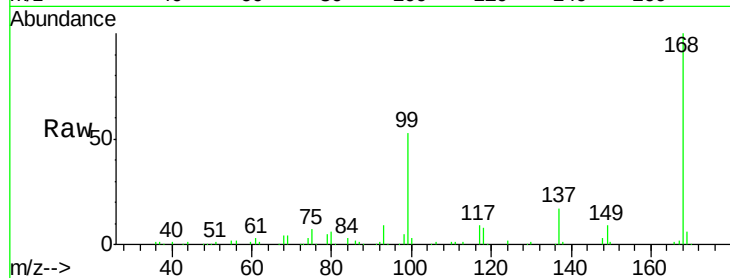
VN0424WBL01

Tot Ion:168 Resp: 376648

Ion Ratio Lower Upper

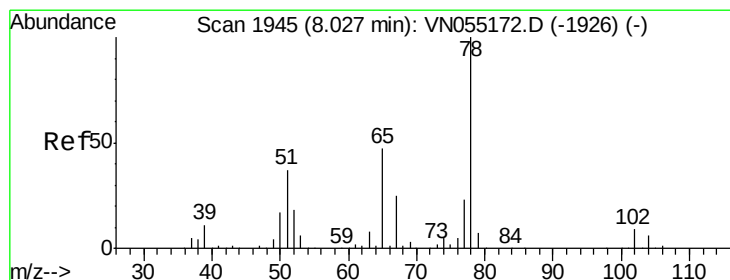
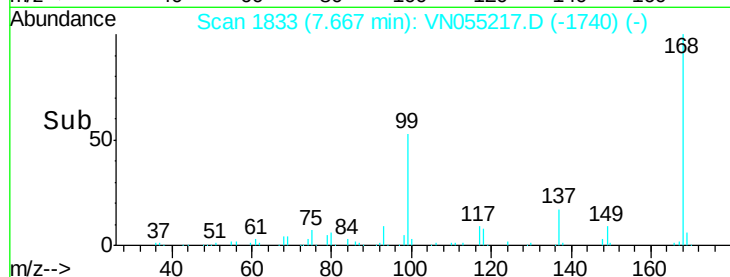
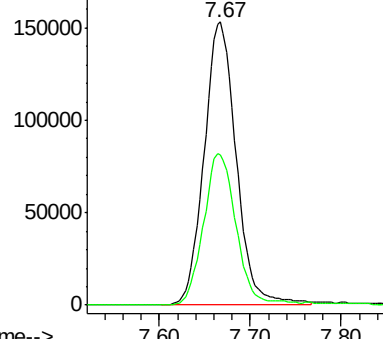
168 100

99 53.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.774 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055217.D

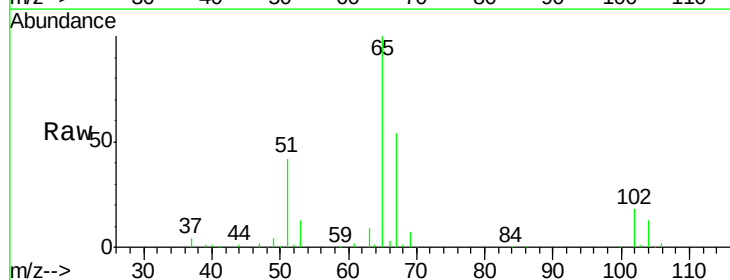
Acq: 24 Apr 2019 10:38

Tgt Ion: 65 Resp: 253751

Ion Ratio Lower Upper

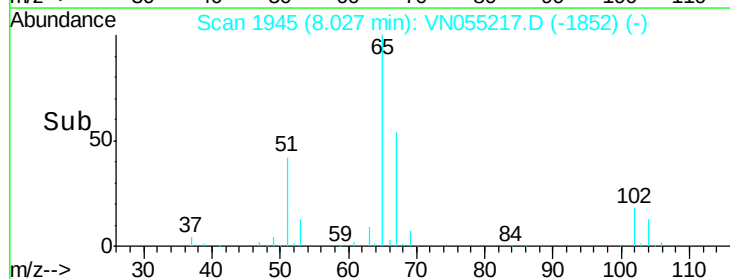
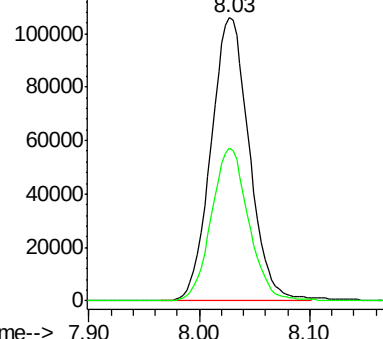
65 100

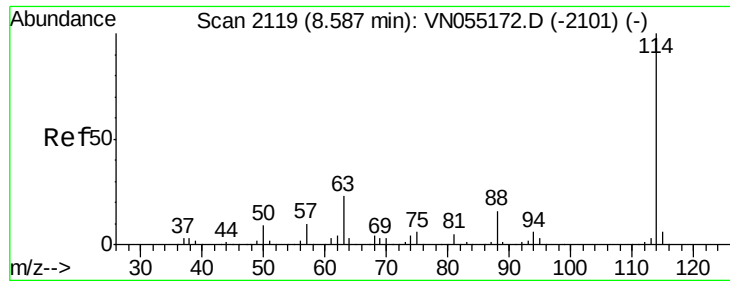
67 52.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

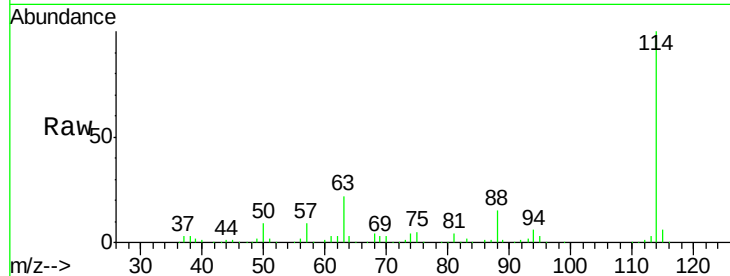




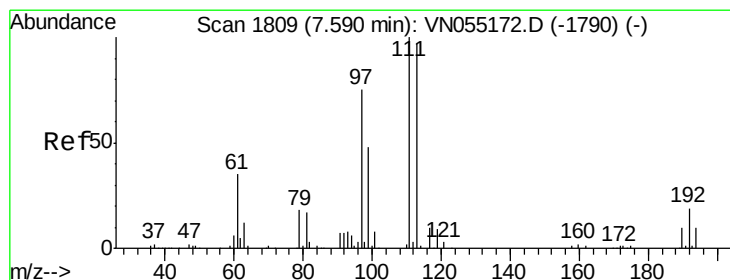
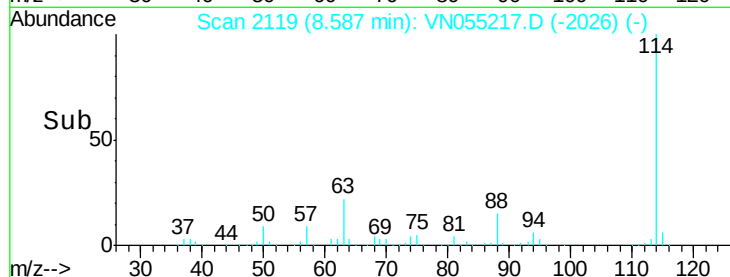
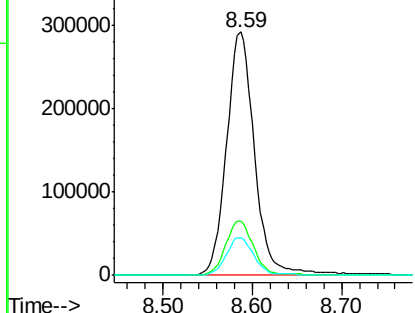
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055217.D
 Acq: 24 Apr 2019 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBL01

Tot Ion:114 Resp: 635101
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.2
 88 15.3 0.0 32.8

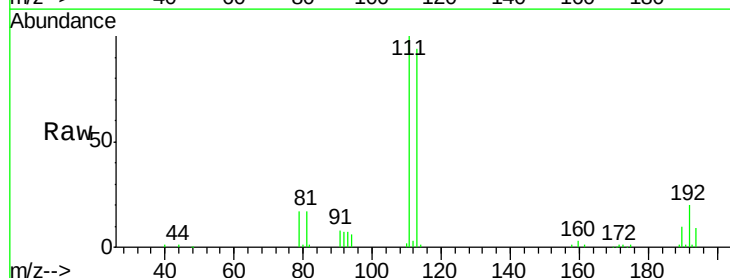


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

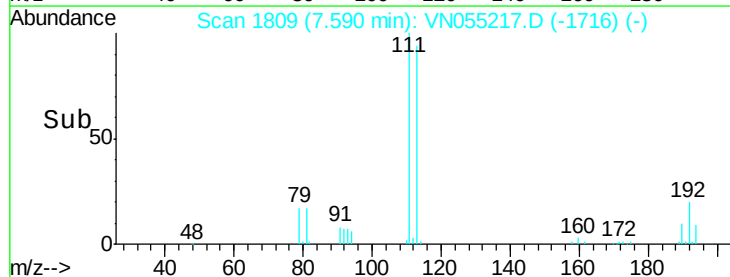
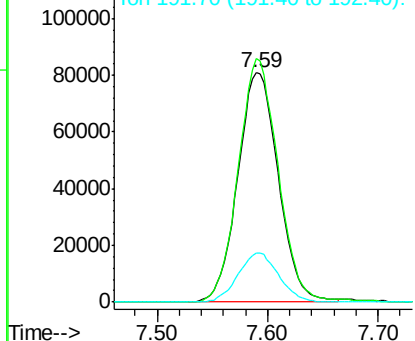


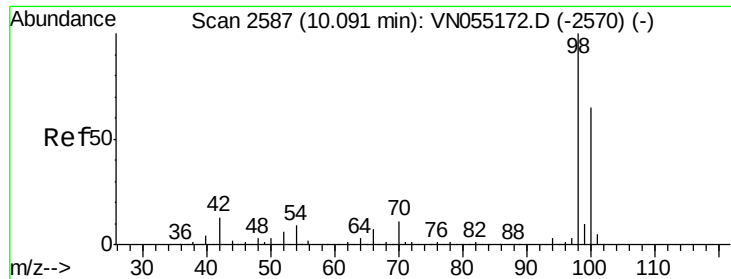
#35
 Dibromofluoromethane
 Concen: 47.832 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055217.D
 Acq: 24 Apr 2019 10:38

Tgt Ion:113 Resp: 206374
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.0 121.4
 192 21.3 16.2 24.4



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: 48.333 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055217.D

Acq: 24 Apr 2019 10:38

Instrument :

MSVOA_N

ClientSampled :

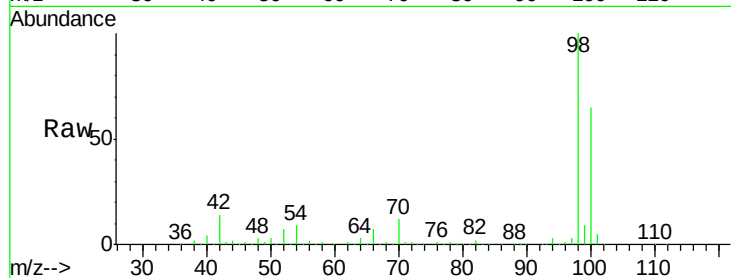
VN0424WBL01

Tot Ion: 98 Resp: 772646

Ion Ratio Lower Upper

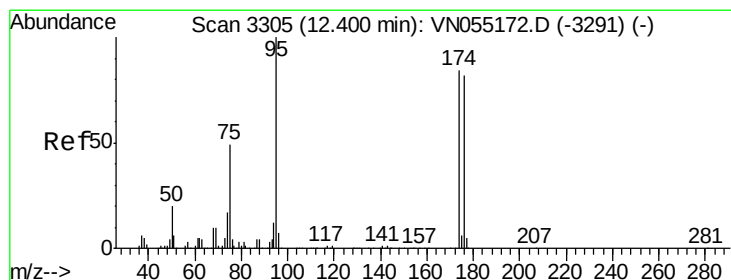
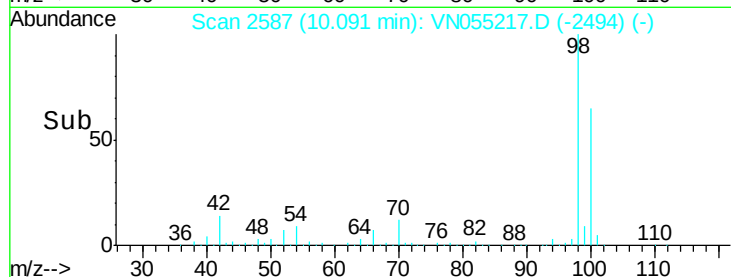
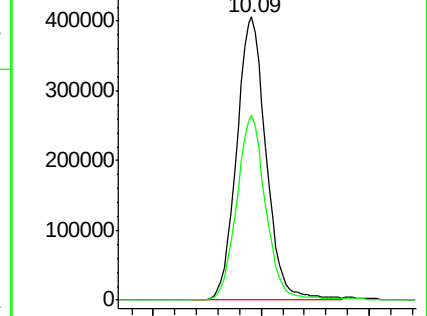
98 100

100 63.9 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.572 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055217.D

Acq: 24 Apr 2019 10:38

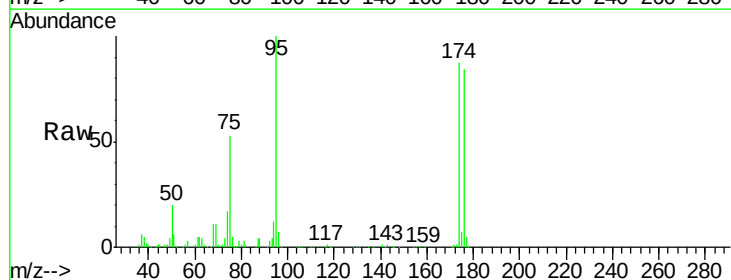
Tgt Ion: 95 Resp: 235766

Ion Ratio Lower Upper

95 100

174 85.2 0.0 168.4

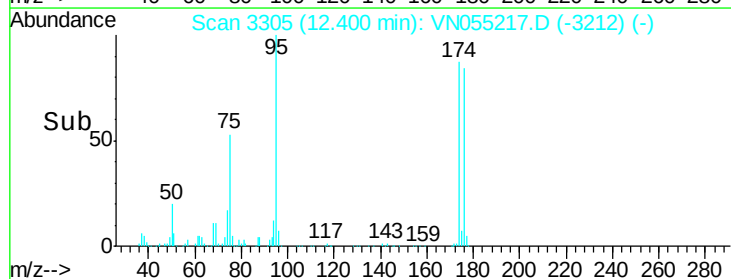
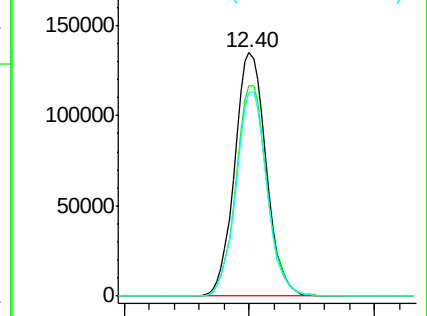
176 82.3 0.0 164.0

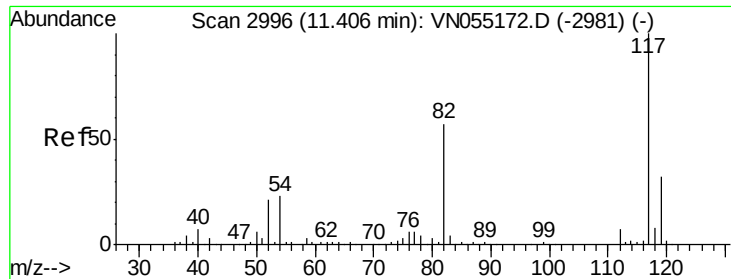


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

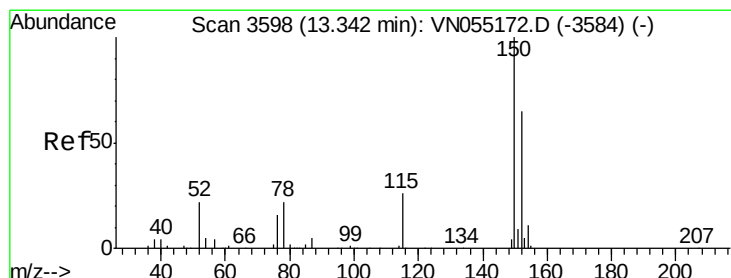
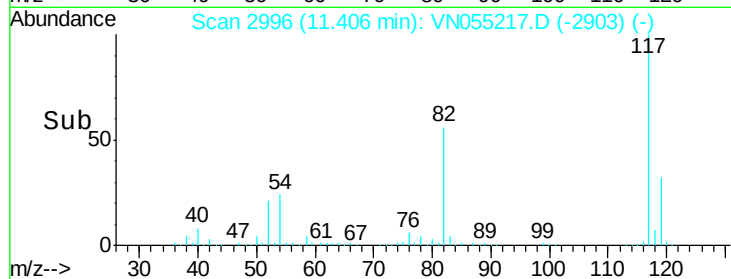
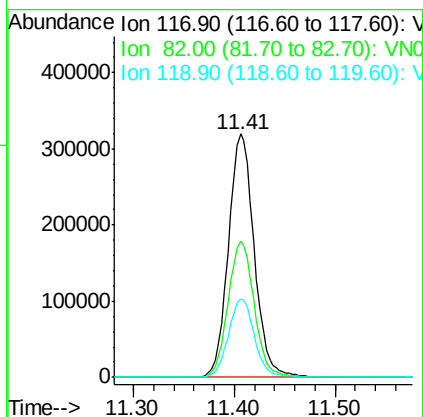
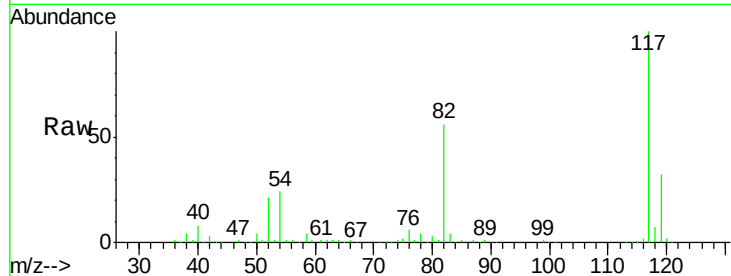




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055217.D
Acq: 24 Apr 2019 10:38

Instrument :
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ClientSampleId :
VN0424WBL01

Tot Ion:117 Resp: 570456
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055217.D
Acq: 24 Apr 2019 10:38

Tgt Ion:152 Resp: 157966
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 155.1 0.0 346.6

