

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059068.D
 Acq On : 1 Nov 2019 17:26
 Operator : JC/SP
 Sample : K5615-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3465

Quant Time: Nov 02 05:47:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	420823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	651809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	191061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	276311	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.57	113	206506	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.08	98	797401	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.40	95	250088	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	

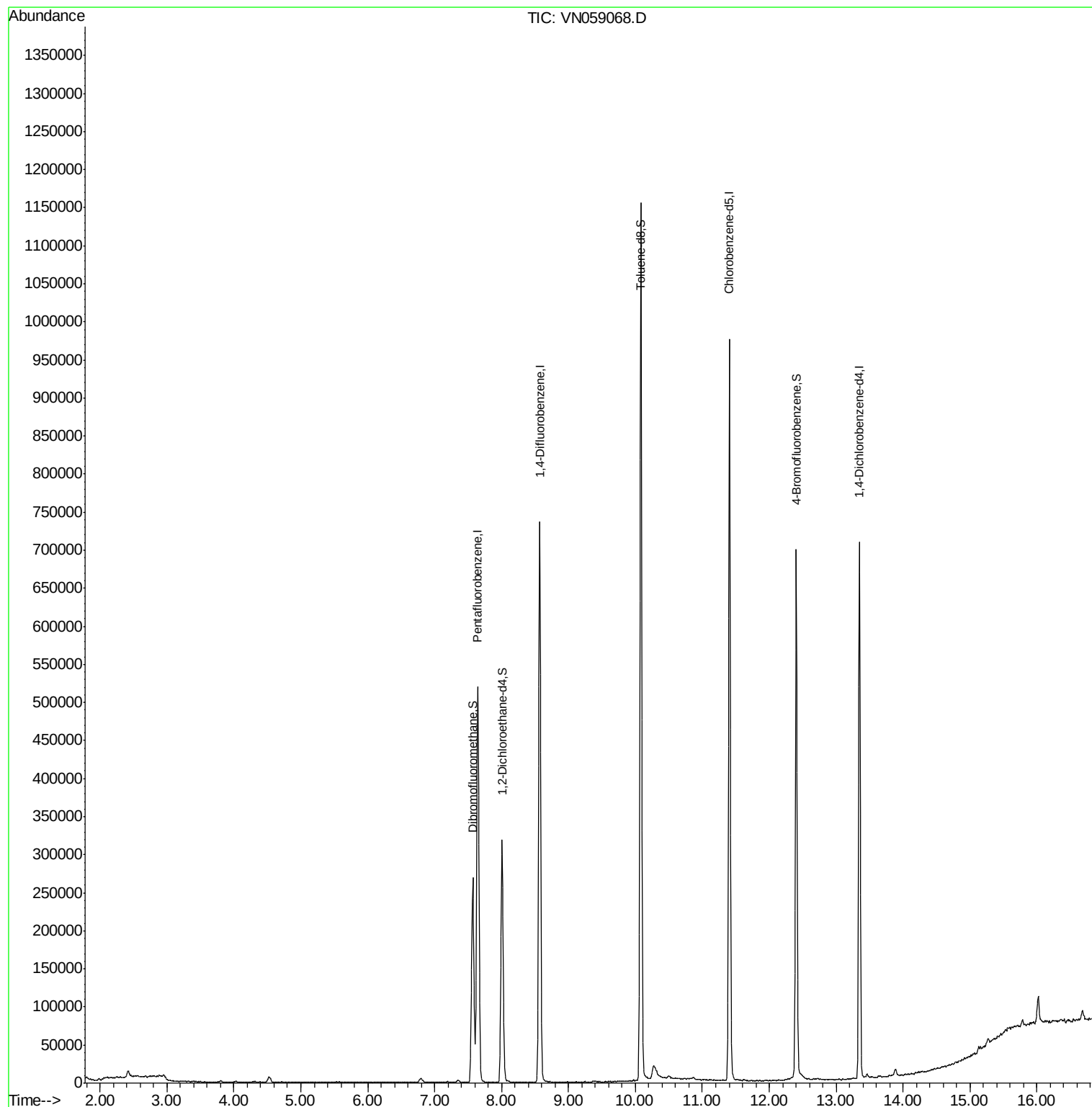
Target Compounds	Qvalue
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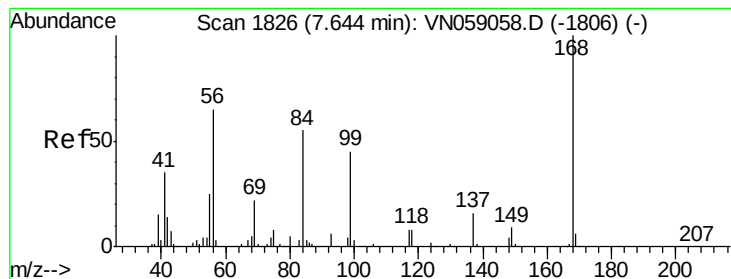
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059068.D

Acq: 1 Nov 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

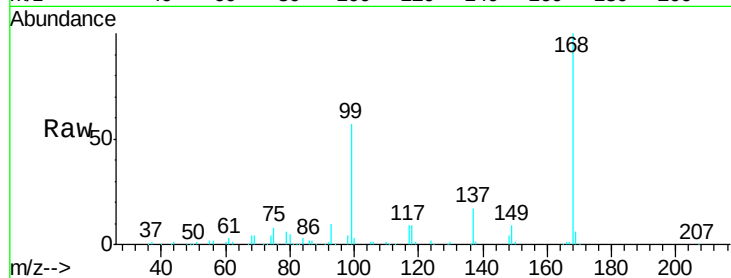
3465

Tgt Ion:168 Resp: 420823

Ion Ratio Lower Upper

168 100

99 57.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.64

150000

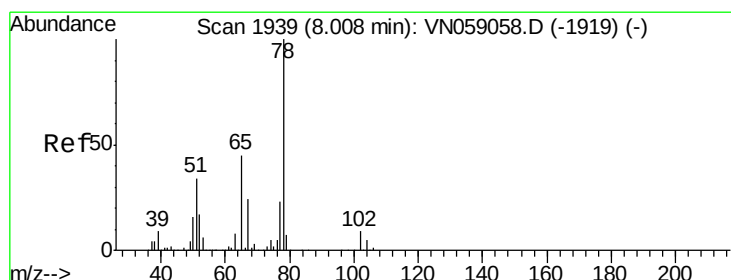
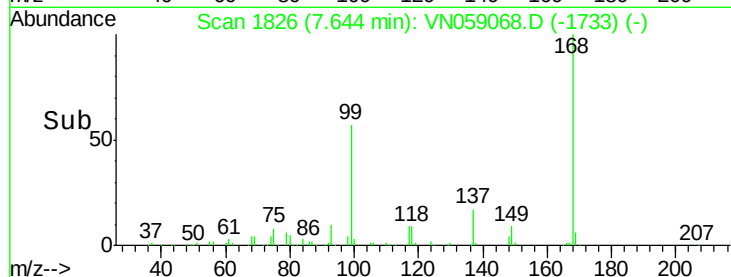
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.578 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN059068.D

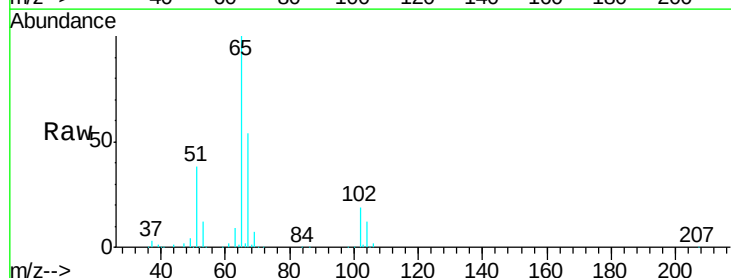
Acq: 1 Nov 2019 17:26

Tgt Ion: 65 Resp: 276311

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

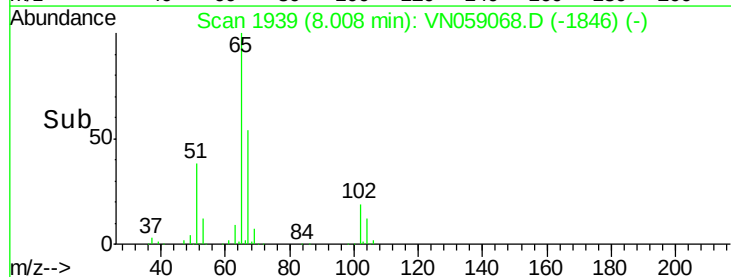
100000

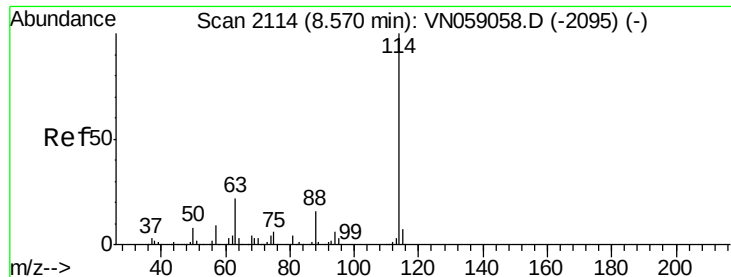
50000

0

7.90 8.00 8.10

Time-->

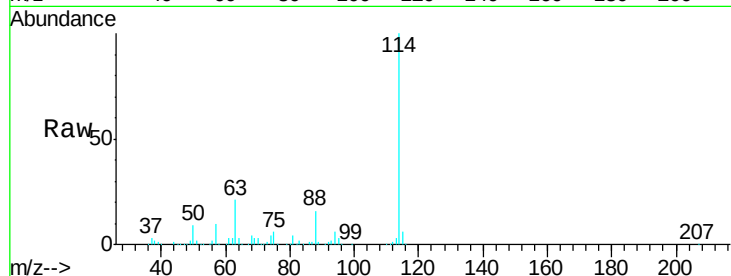




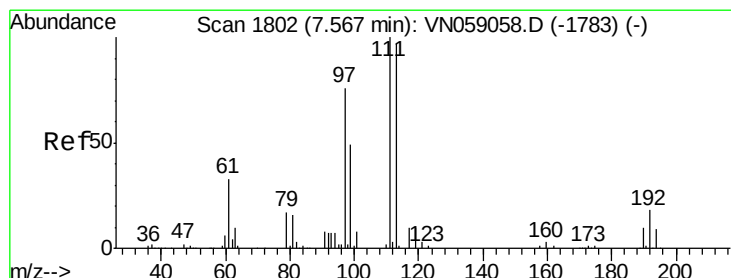
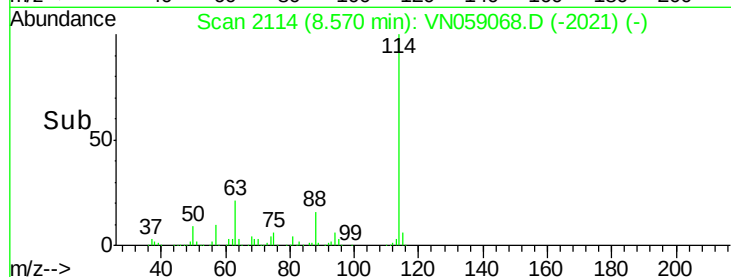
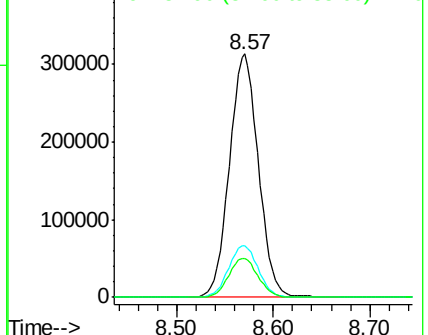
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059068.D
 Acq: 1 Nov 2019 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 3465

Tgt Ion:114 Resp: 651809
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.1 0.0 33.0

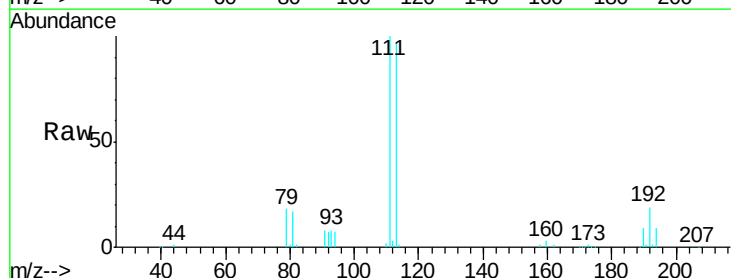


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

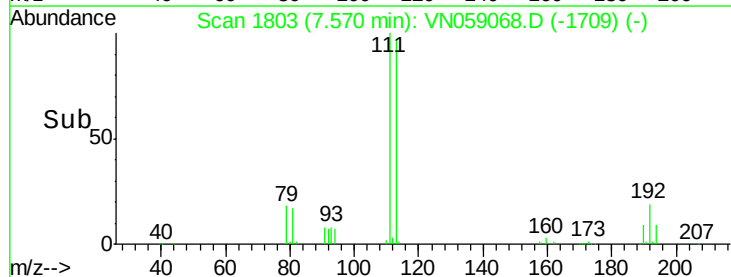
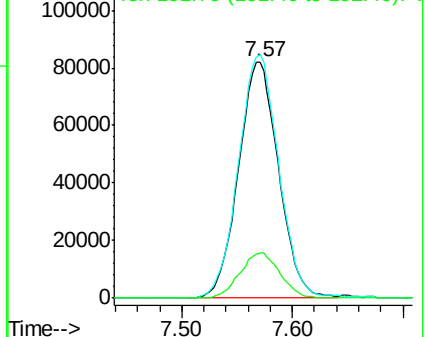


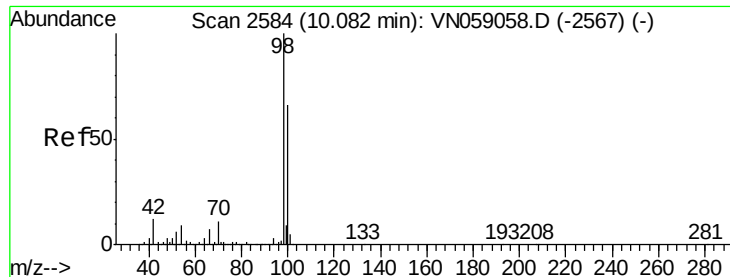
#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059068.D
 Acq: 1 Nov 2019 17:26

Tgt Ion:113 Resp: 206506
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 19.2 15.9 23.9



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: 48.708 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059068.D

Acq: 1 Nov 2019 17:26

Instrument :

MSVOA_N

ClientSampled :

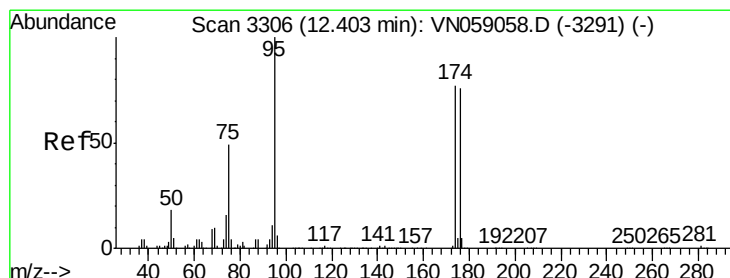
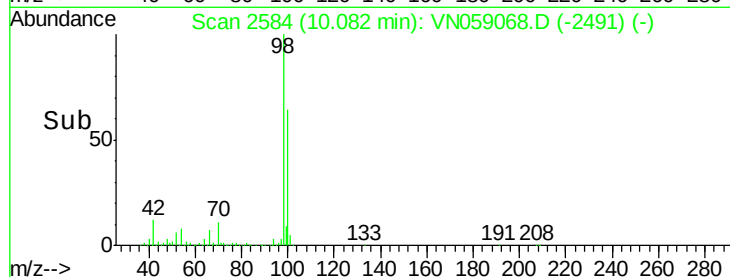
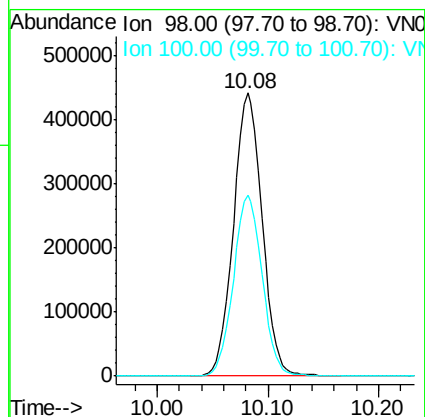
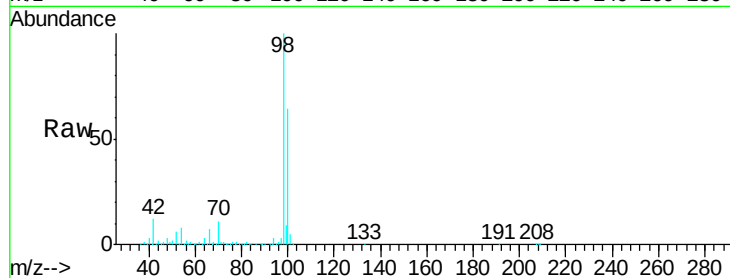
3465

Tgt Ion: 98 Resp: 797401

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 42.496 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN059068.D

Acq: 1 Nov 2019 17:26

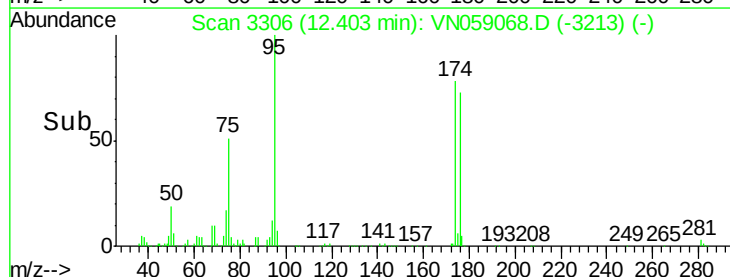
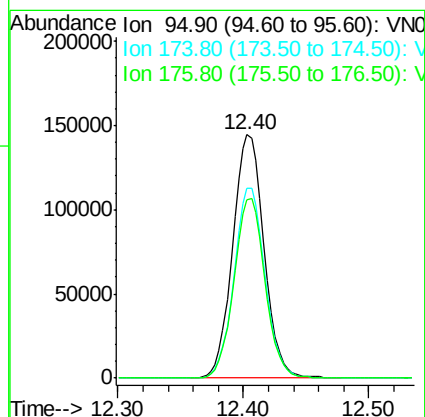
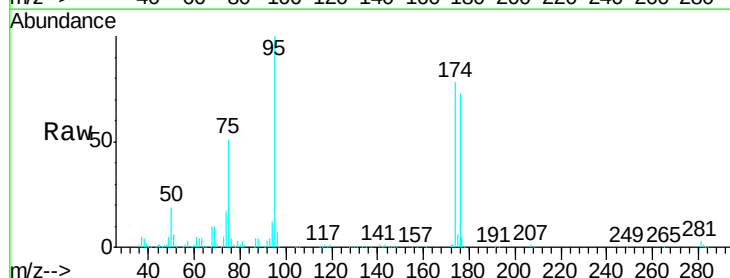
Tgt Ion: 95 Resp: 250088

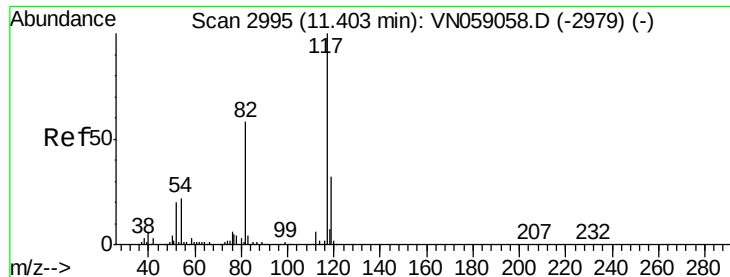
Ion Ratio Lower Upper

95 100

174 77.5 0.0 155.8

176 73.4 0.0 151.6

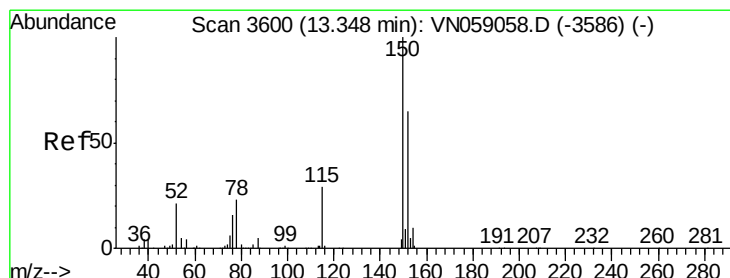
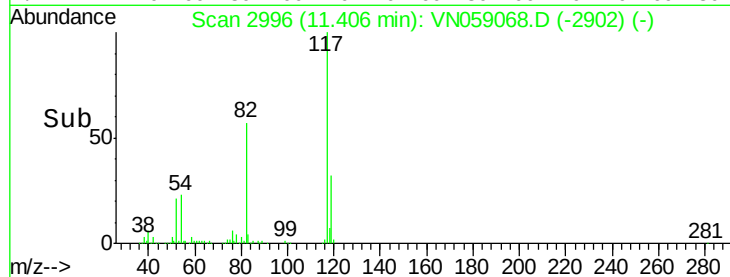
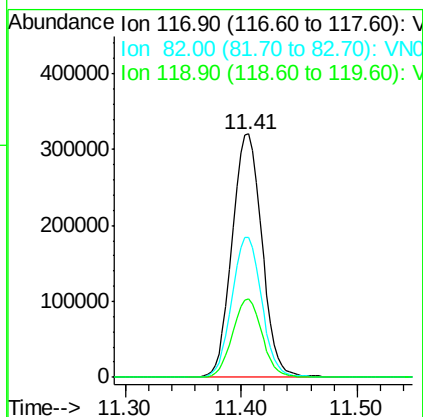
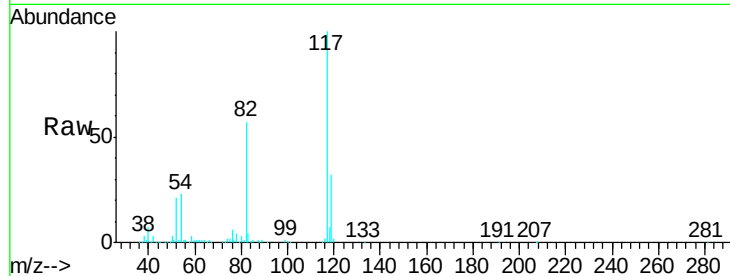




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
3465

Tgt Ion:117 Resp: 570970
Ion Ratio Lower Upper
117 100
82 57.3 46.0 69.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN059068.D
Acq: 1 Nov 2019 17:26

Tgt Ion:152 Resp: 191061
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.9
150 158.0 0.0 345.8

