

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059299.D
 Acq On : 19 Nov 2019 11:46
 Operator : JC/SP
 Sample : VN1119WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBL01

Quant Time: Nov 20 01:08:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	438383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	676832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	586179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216968	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	257363	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	7.57	113	204005	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.08	98	821994	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	264777	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

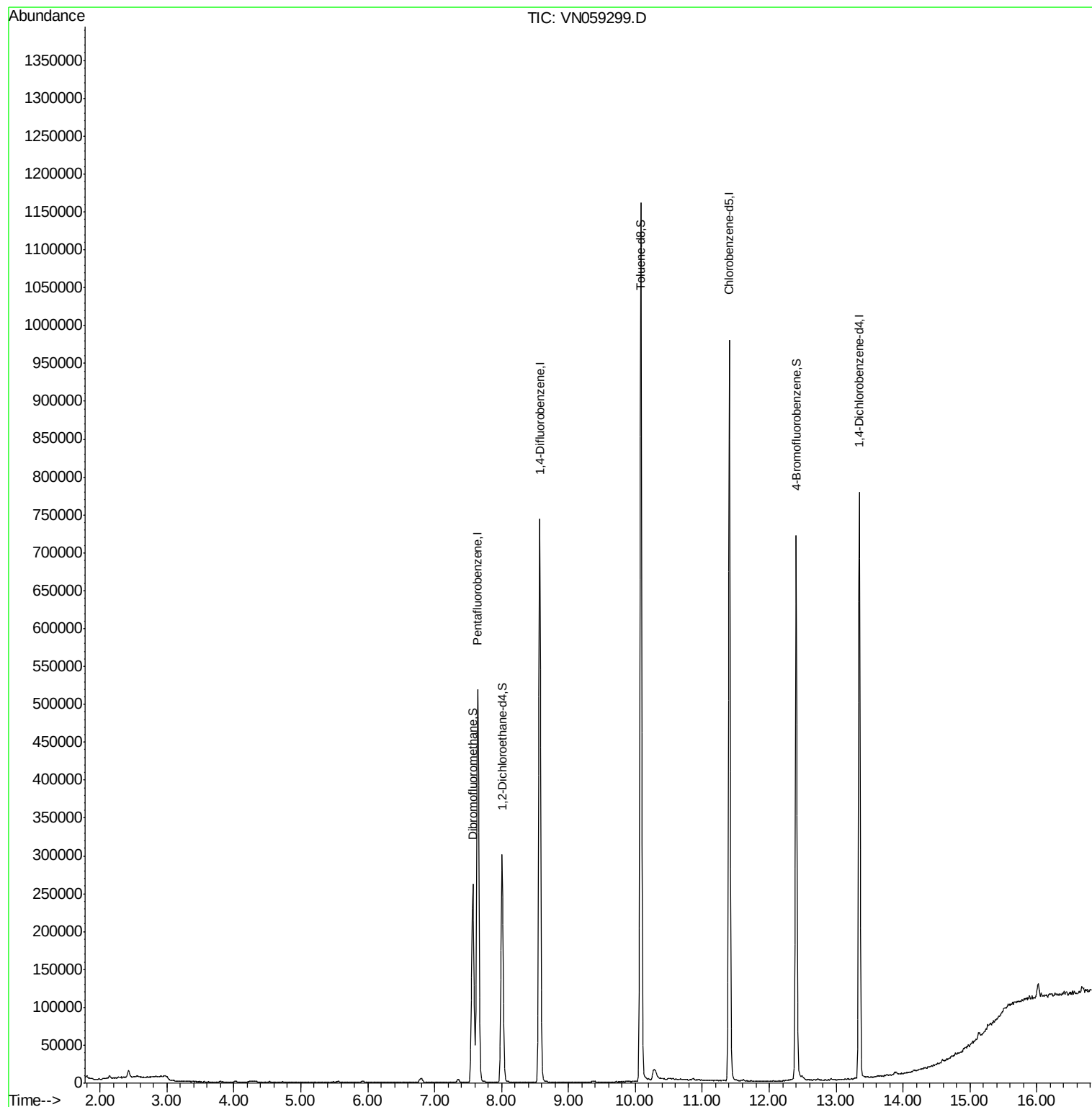
Target Compounds	Qvalue
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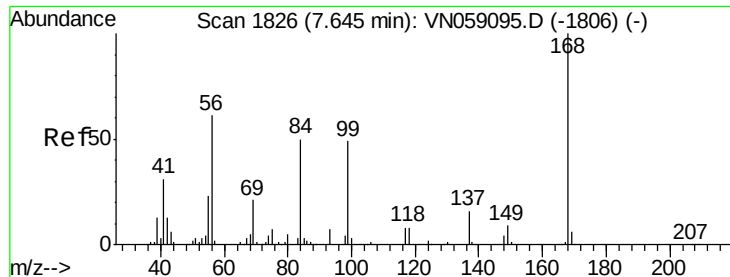
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059299.D

Acq: 19 Nov 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

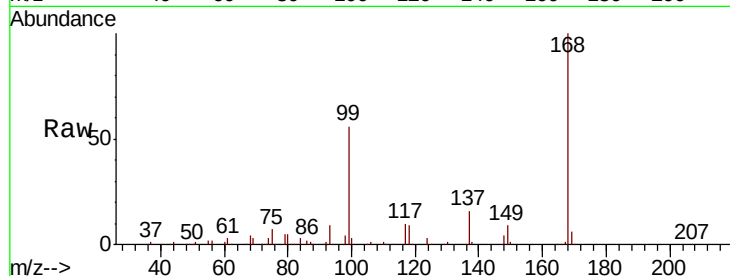
VN1119WBL01

Tot Ion:168 Resp: 438383

Ion Ratio Lower Upper

168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.65

200000

150000

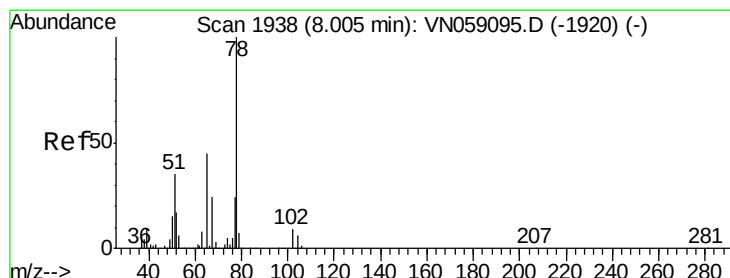
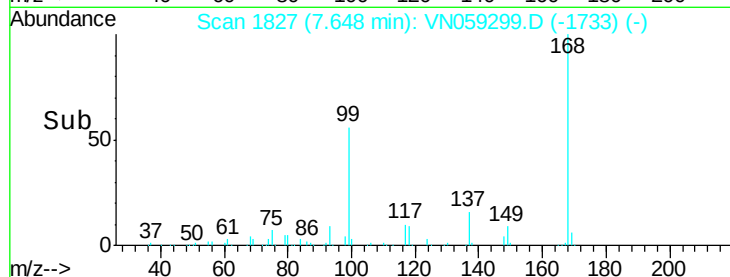
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.758 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059299.D

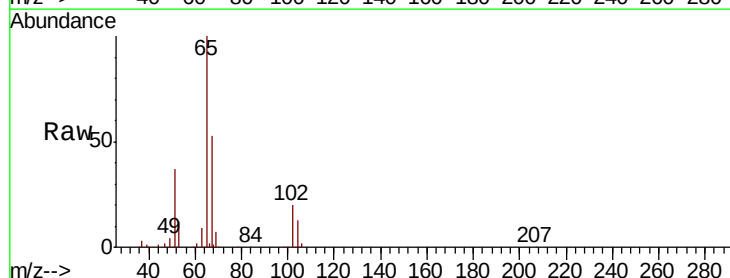
Acq: 19 Nov 2019 11:46

Tgt Ion: 65 Resp: 257363

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059095.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059095.D (-1920) (-)

8.01

120000

100000

80000

60000

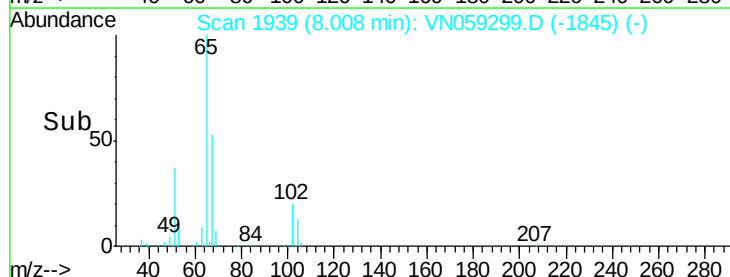
40000

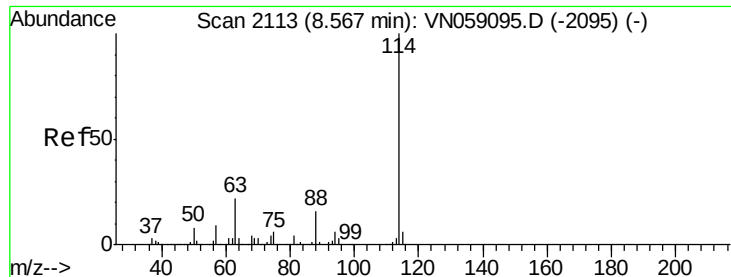
20000

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: VN059299.D

Acq: 19 Nov 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBL01

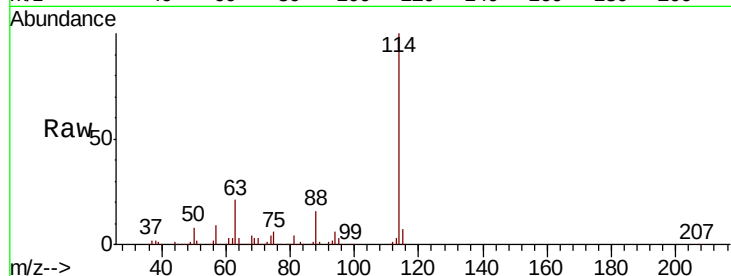
Tot Ion:114 Resp: 676832

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

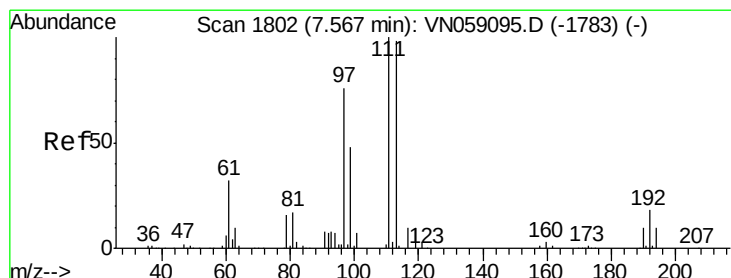
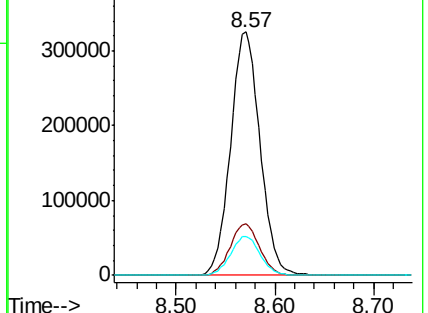
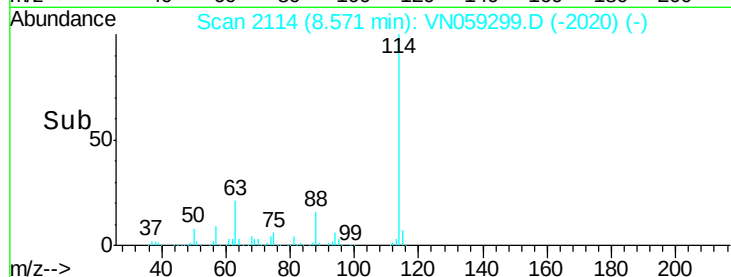
88 15.9 0.0 32.2



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: 50.479 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059299.D

Acq: 19 Nov 2019 11:46

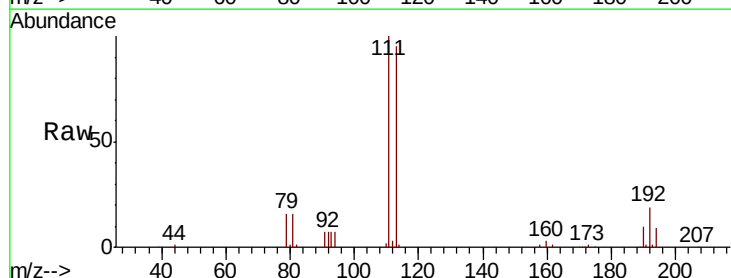
Tgt Ion:113 Resp: 204005

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

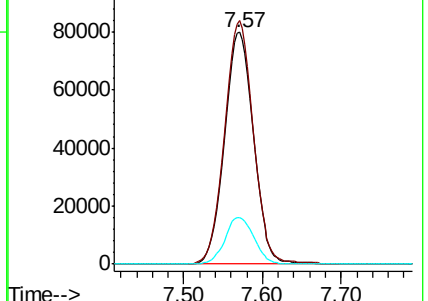
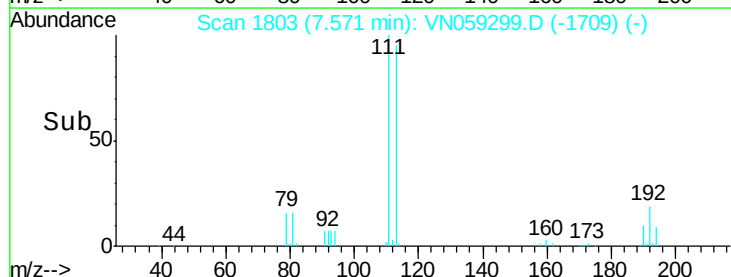
192 20.2 16.1 24.1

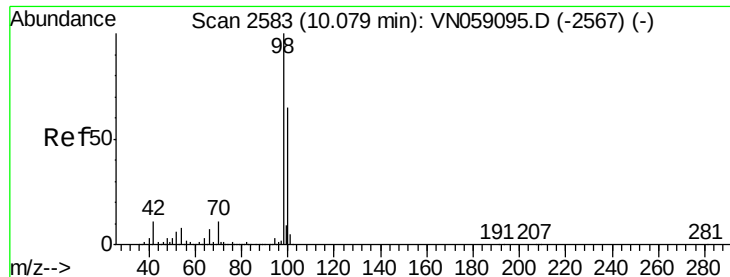


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

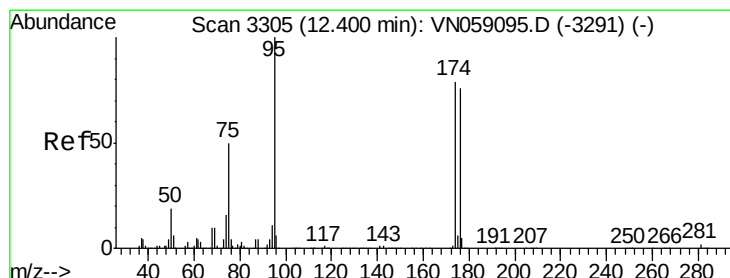
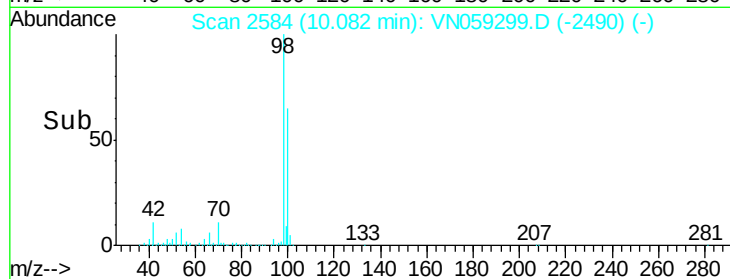
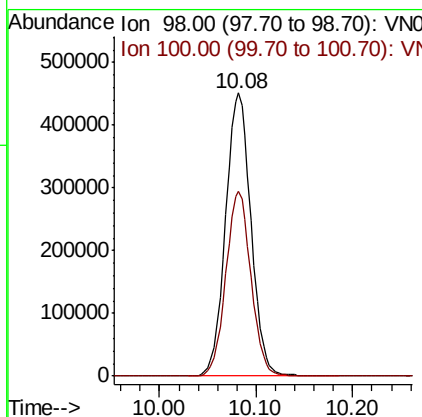
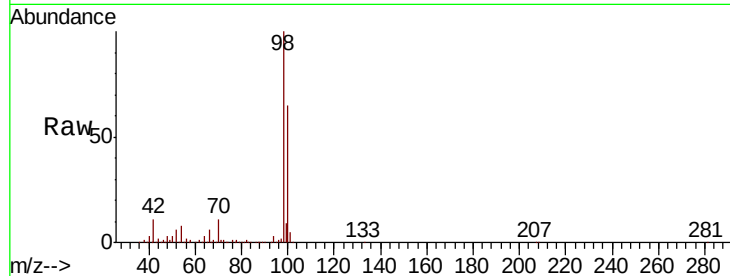




#50
Toluene-d8
Concen: 51.638 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059299.D
Acq: 19 Nov 2019 11:46

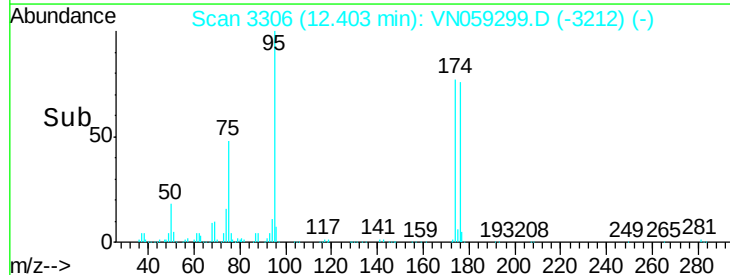
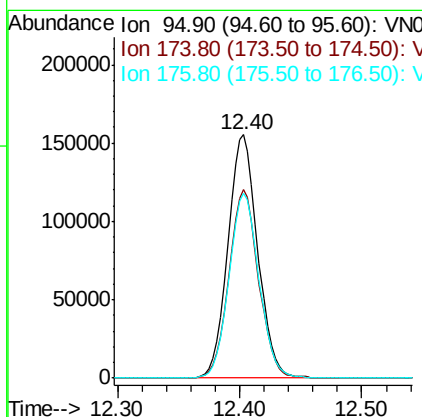
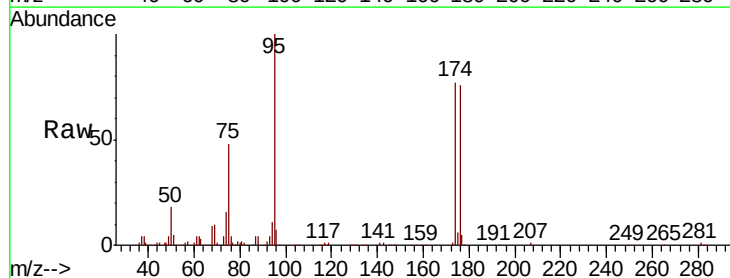
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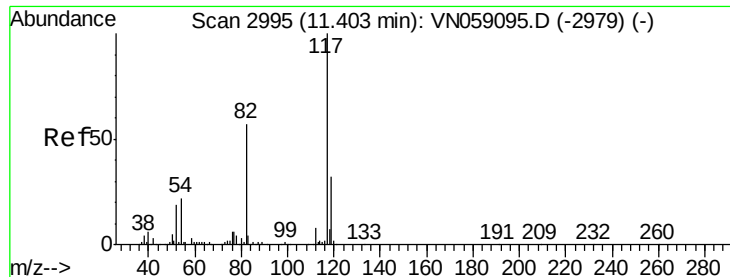
Tot Ion: 98 Resp: 821994
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.132 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059299.D
Acq: 19 Nov 2019 11:46

Tgt Ion: 95 Resp: 264777
Ion Ratio Lower Upper
95 100
174 77.1 0.0 158.2
176 76.5 0.0 151.8

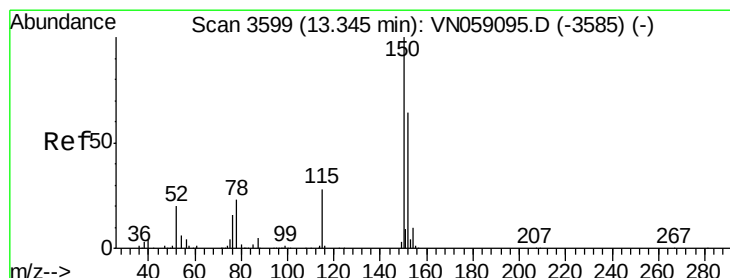
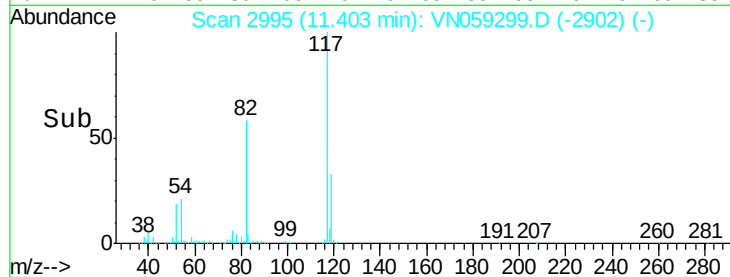
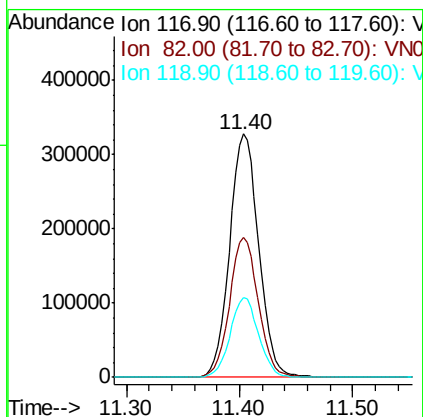
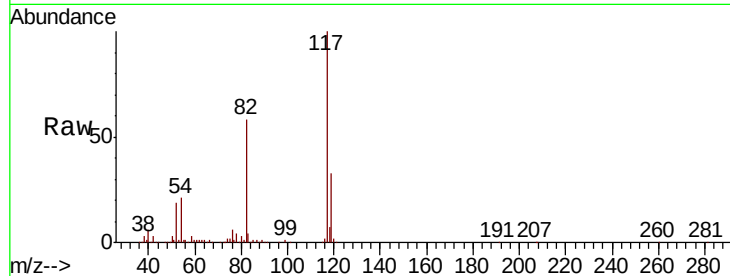




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059299.D
Acq: 19 Nov 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL01

Tot Ion:117 Resp: 586179
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059299.D
Acq: 19 Nov 2019 11:46

Tgt Ion:152 Resp: 216968
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.2
150 156.9 0.0 345.8

