

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059598.D
 Acq On : 16 Dec 2019 13:01
 Operator : JC/SP
 Sample : VN1216WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBL01

Quant Time: Dec 17 05:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	259158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	412086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	365292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143459	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	180647	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	7.57	113	126977	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.08	98	505777	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	168640	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	

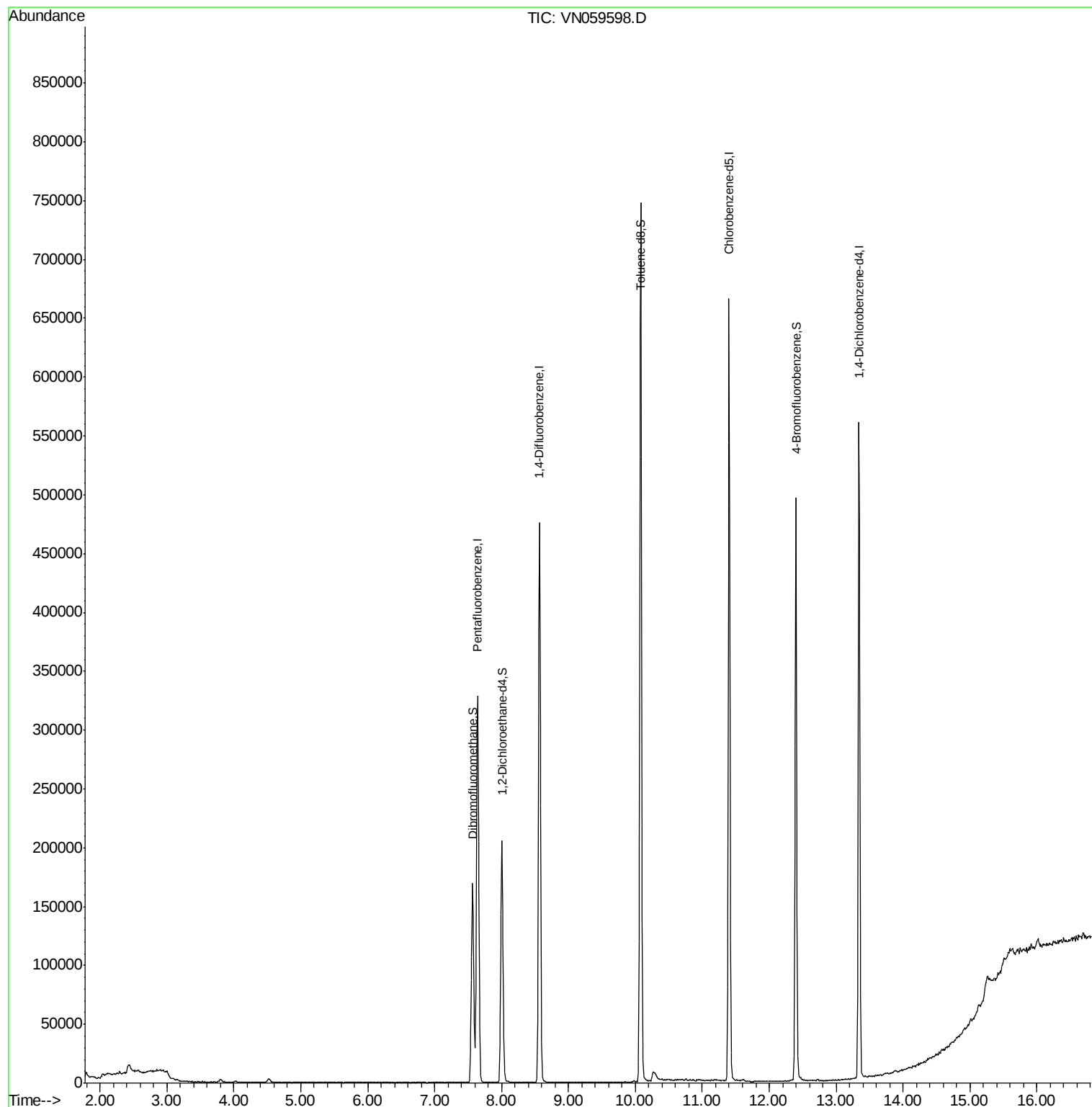
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059598.D

Acq: 16 Dec 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

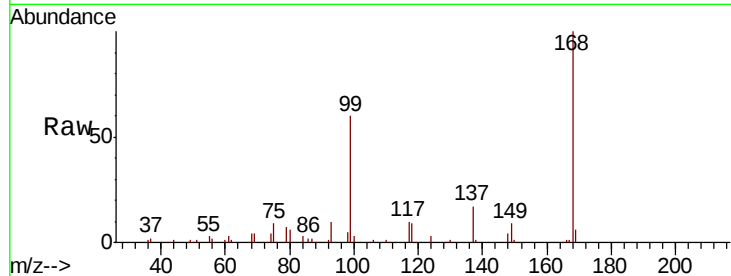
VN1216WBL01

Tot Ion:168 Resp: 259158

Ion Ratio Lower Upper

168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059598.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059598.D (-1733) (-)

7.64

120000

100000

80000

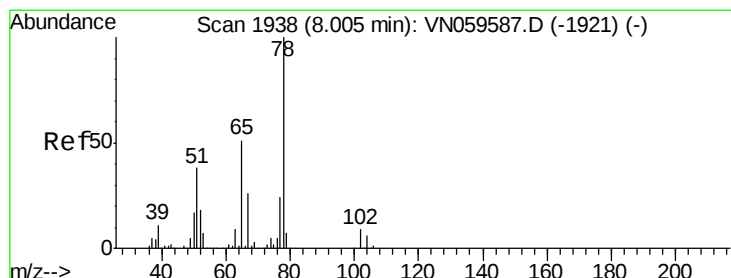
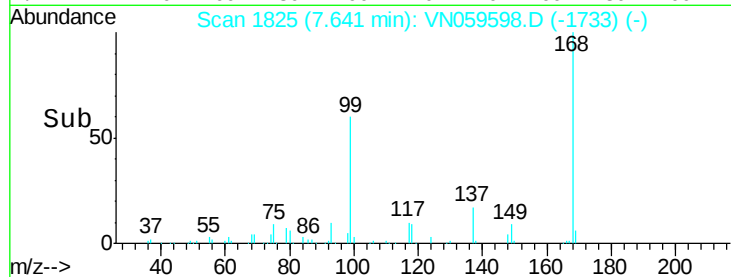
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.903 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059598.D

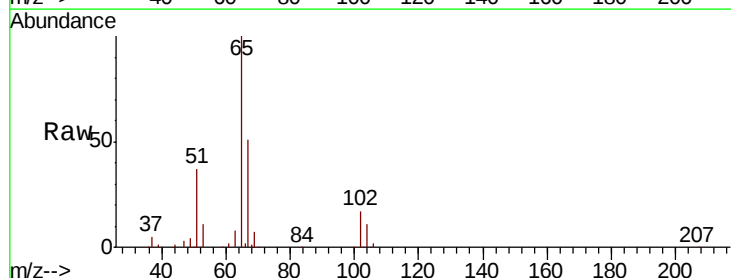
Acq: 16 Dec 2019 13:01

Tgt Ion: 65 Resp: 180647

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059598.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059598.D (-1845) (-)

8.00

80000

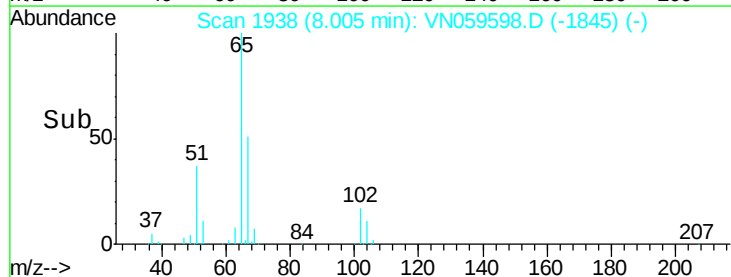
60000

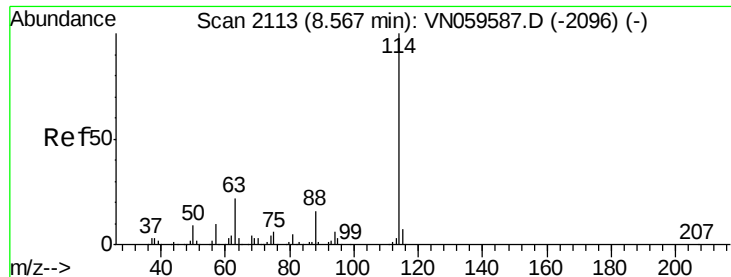
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059598.D

Acq: 16 Dec 2019 13:01

Instrument :

MSVOA_N

ClientSampled :

VN1216WBL01

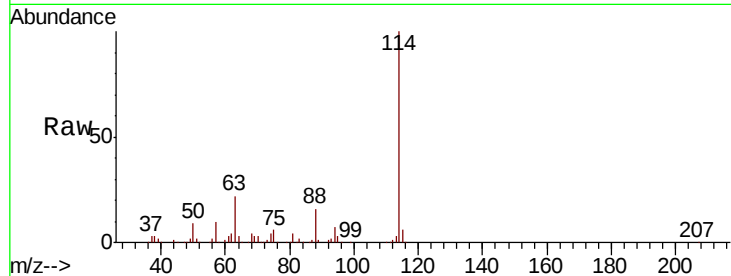
Tot Ion:114 Resp: 412086

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.6

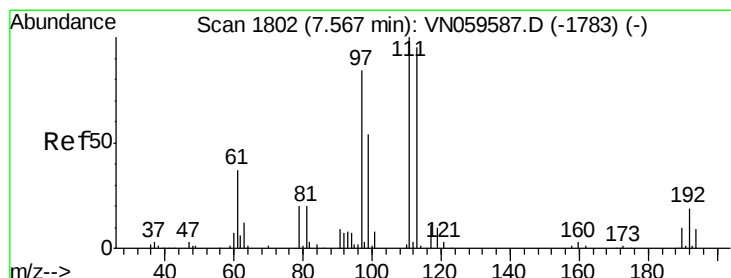
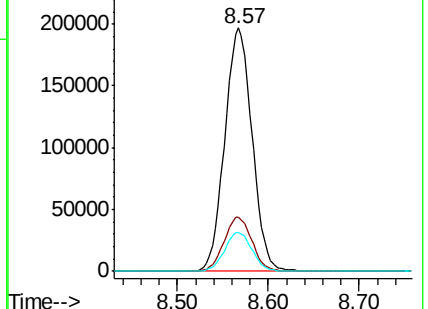
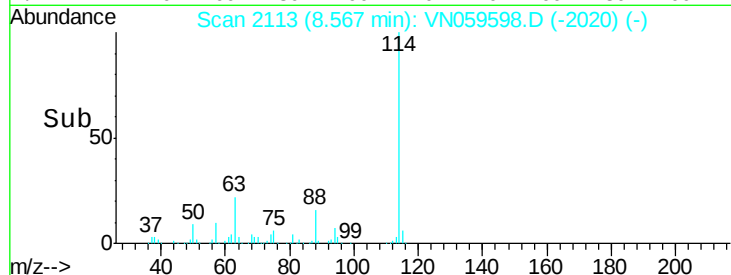
88 16.1 0.0 31.4



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: 49.247 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059598.D

Acq: 16 Dec 2019 13:01

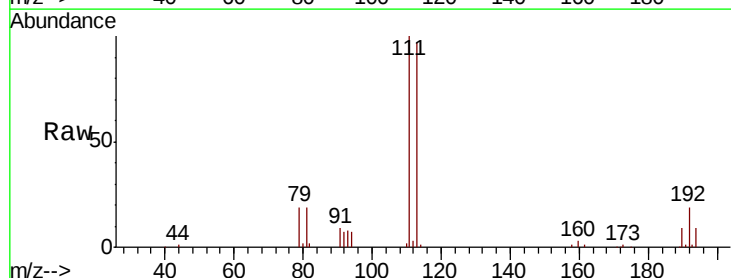
Tgt Ion:113 Resp: 126977

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

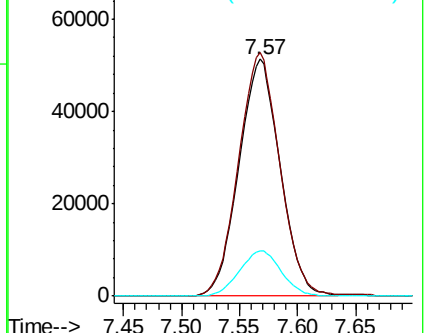
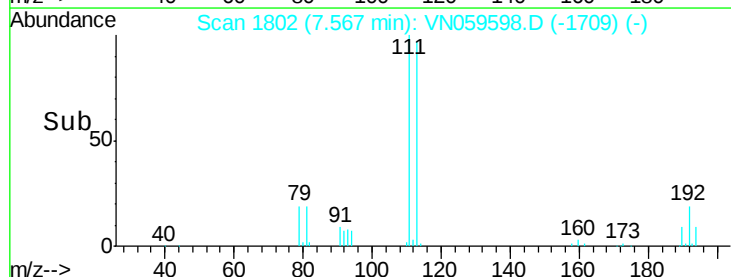
192 19.4 15.4 23.2

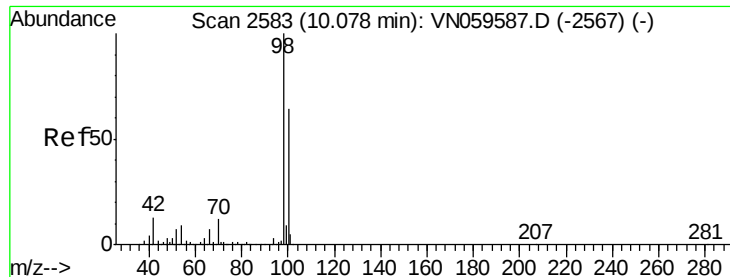


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

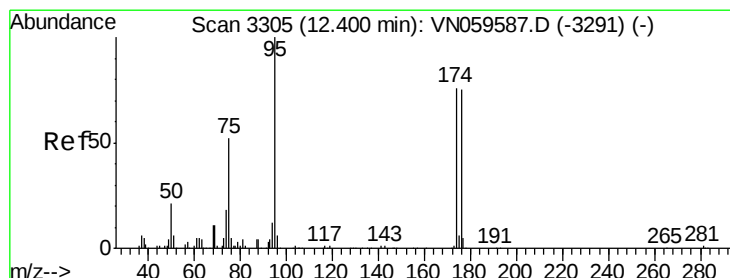
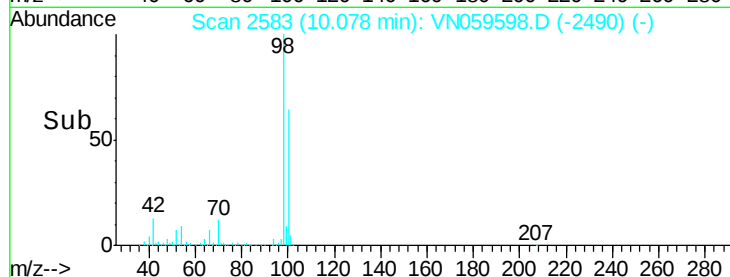
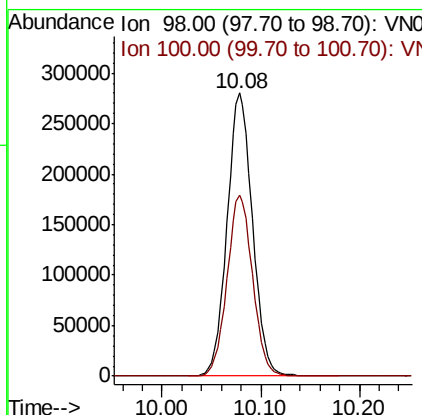
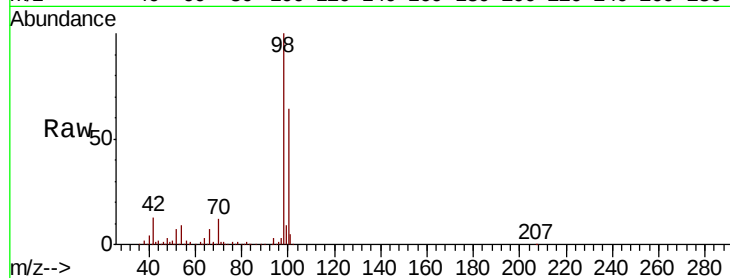




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059598.D
Acq: 16 Dec 2019 13:01

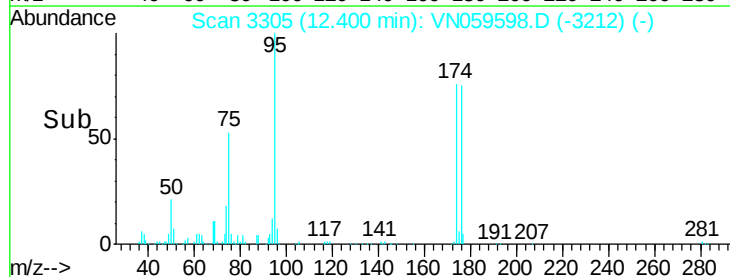
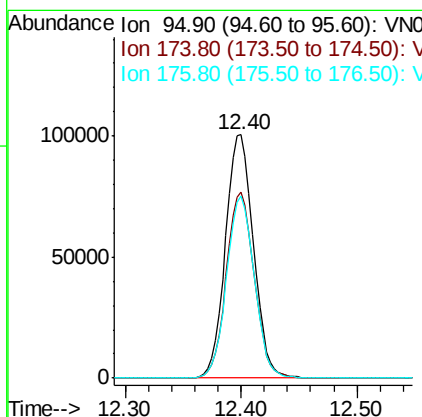
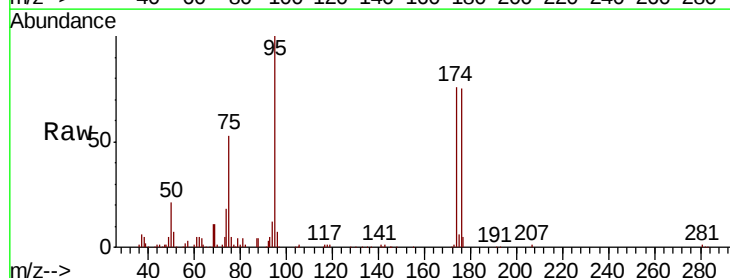
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBL01

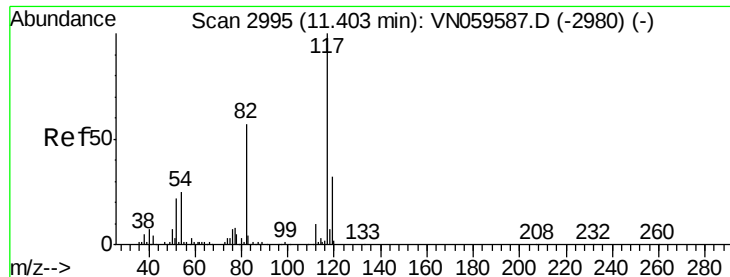
Tot Ion: 98 Resp: 505777
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.274 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059598.D
Acq: 16 Dec 2019 13:01

Tgt Ion: 95 Resp: 168640
Ion Ratio Lower Upper
95 100
174 76.0 0.0 151.4
176 73.9 0.0 146.0

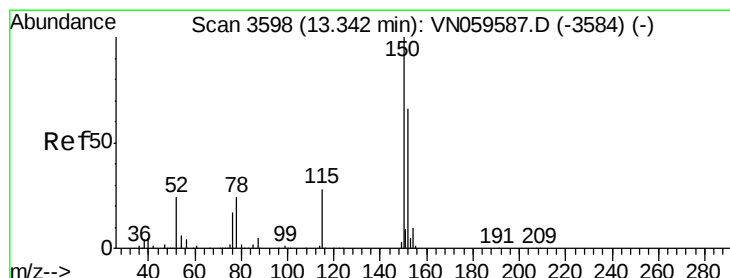
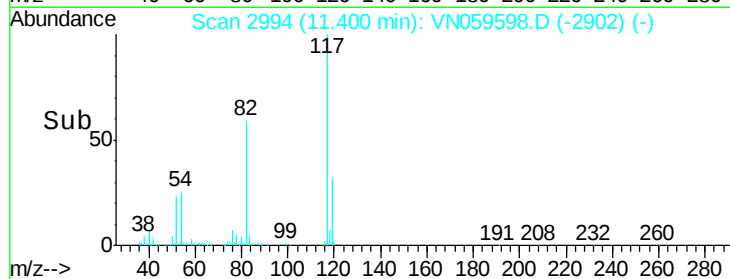
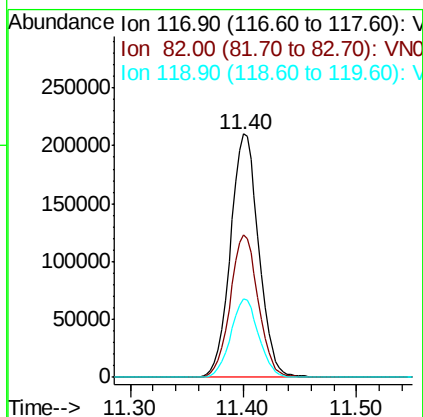
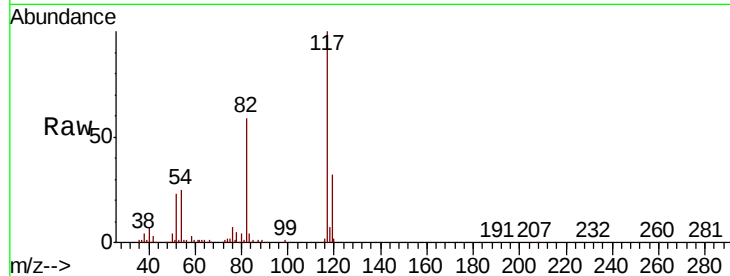




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059598.D
Acq: 16 Dec 2019 13:01

Instrument :
MSVOA_N
ClientSampled :
VN1216WBL01

Tot Ion:117 Resp: 365292
Ion Ratio Lower Upper
117 100
82 58.5 45.9 68.9
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059598.D
Acq: 16 Dec 2019 13:01

Tgt Ion:152 Resp: 143459
Ion Ratio Lower Upper
152 100
115 61.9 30.3 90.9
150 158.7 0.0 345.2

