

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058802.D
 Acq On : 16 Oct 2019 15:27
 Operator : JC/SP
 Sample : K5396-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-GMZ1JEBSN-TB1

Quant Time: Oct 17 03:58:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	381233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	611789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	544575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	291341	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	7.57	113	203215	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.08	98	783332	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.41	95	256360	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

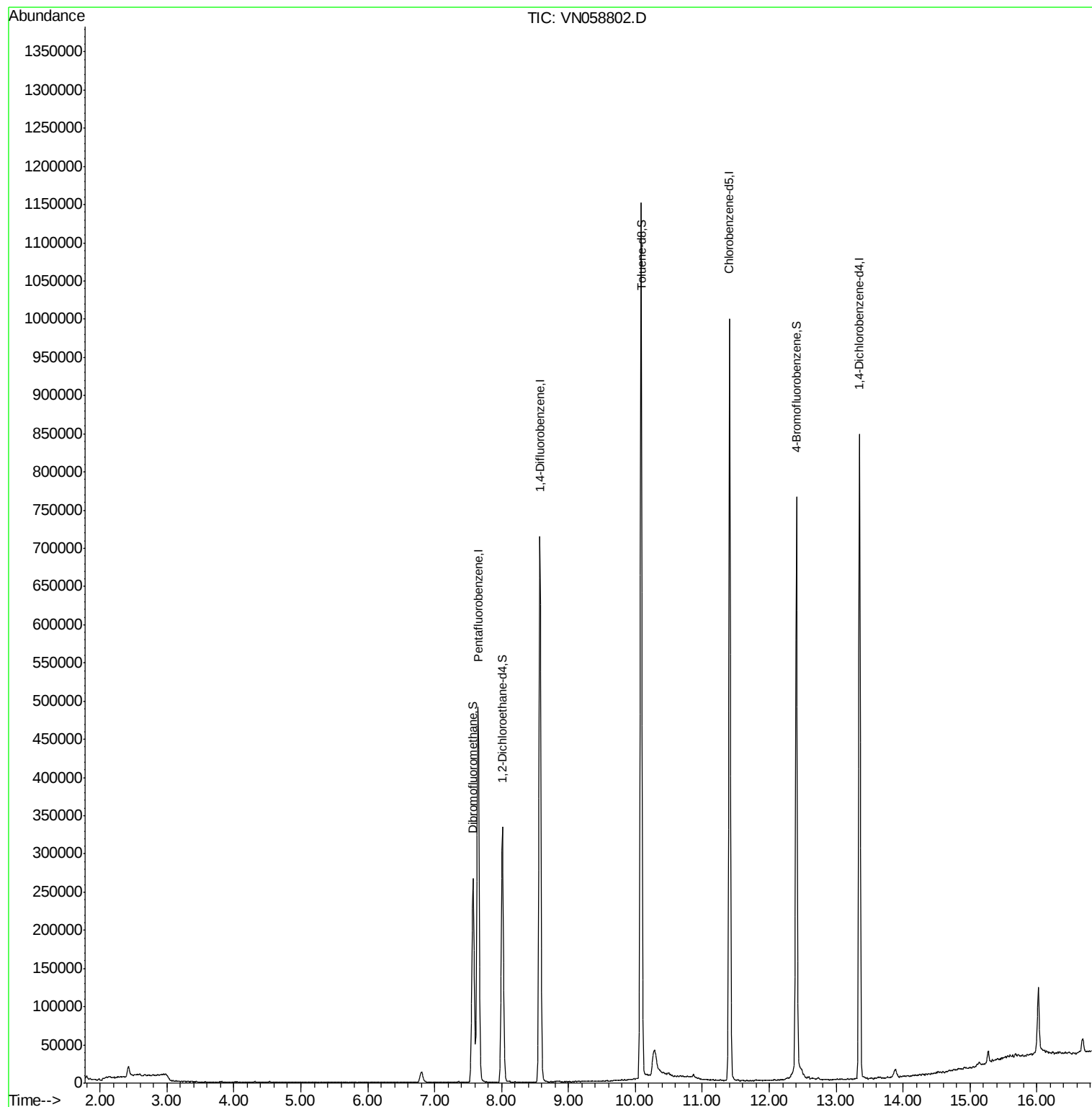
Target Compounds	Qvalue

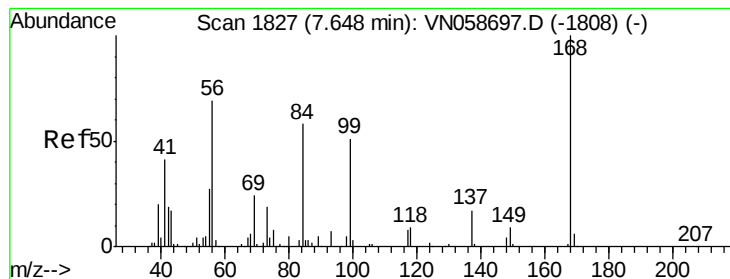
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

Instrument :

MSVOA_N

ClientSampleId :

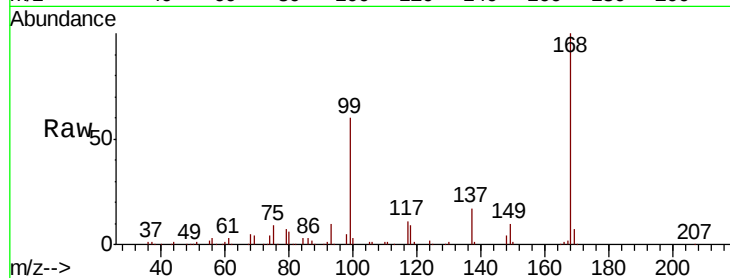
FA19-GMZ1JEBSN-TB1

Tot Ion:168 Resp: 381233

Ion Ratio Lower Upper

168 100

99 60.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

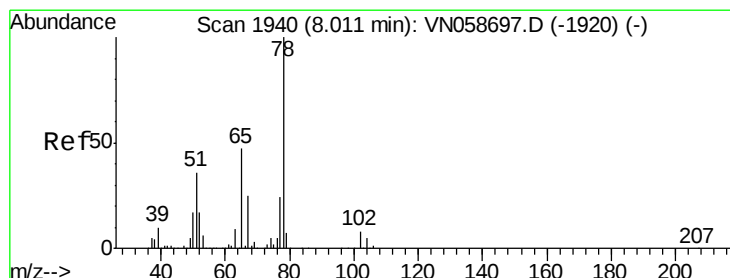
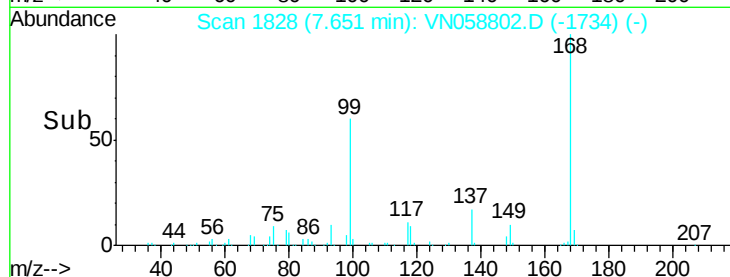
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.587 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058802.D

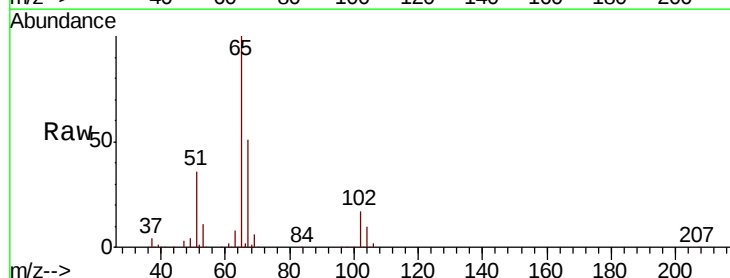
Acq: 16 Oct 2019 15:27

Tgt Ion: 65 Resp: 291341

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

150000

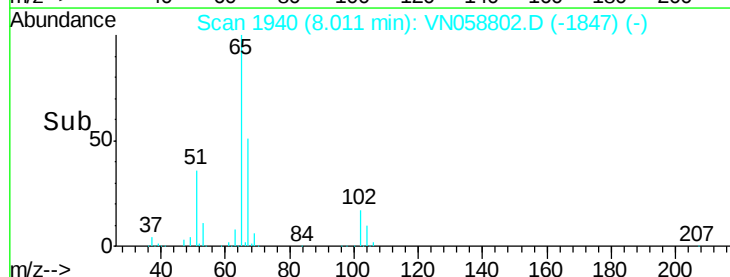
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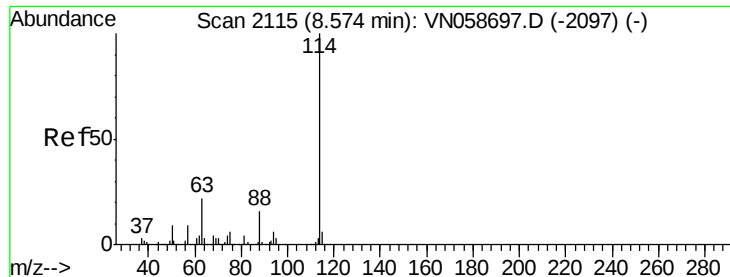
50000

0

7.90 8.00 8.10

Time-->

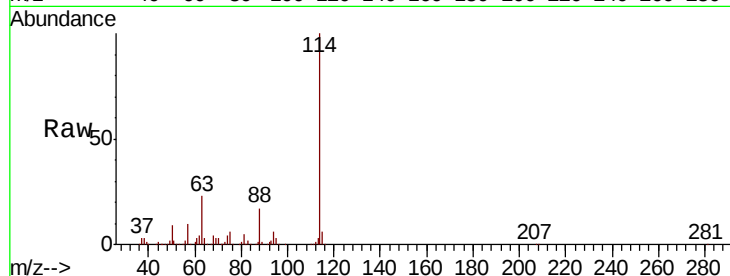




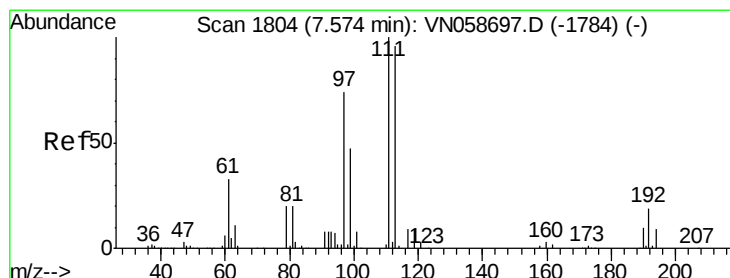
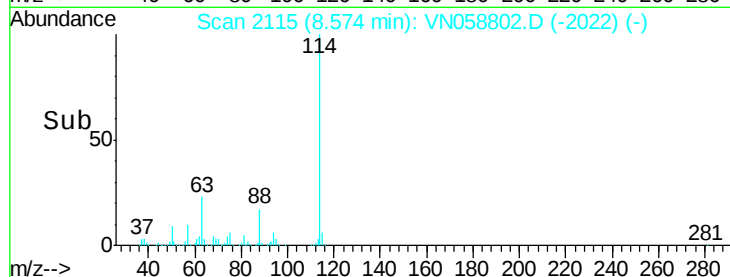
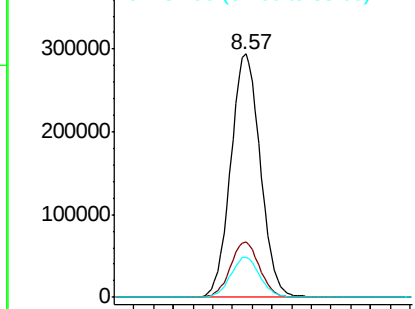
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

Instrument :
MSVOA_N
ClientSampleId :
FA19-GMZ1JEBSN-TB1

Tot Ion:114 Resp: 611789
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.8
88 16.6 0.0 32.0

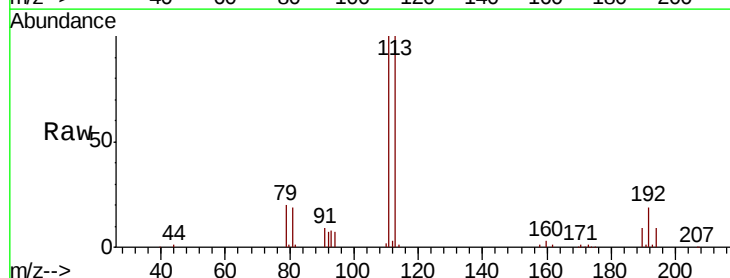


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

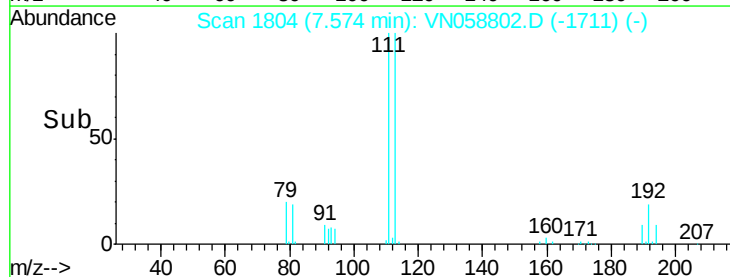
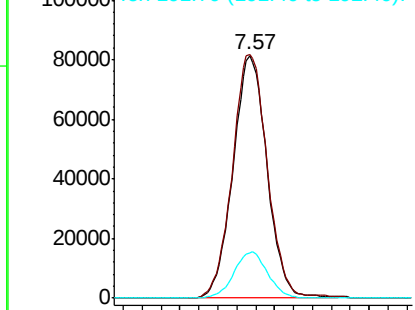


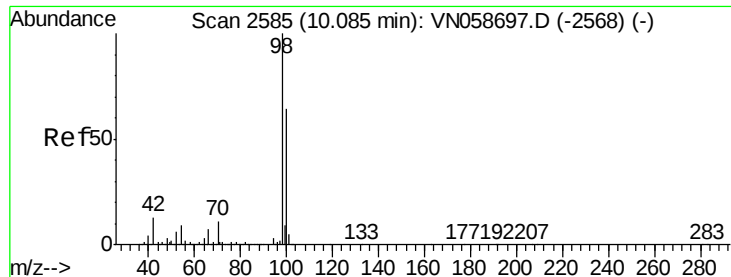
#35
Dibromofluoromethane
Concen: 53.776 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

Tgt Ion:113 Resp: 203215
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 18.9 15.0 22.6



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: 51.838 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

Instrument :

MSVOA_N

ClientSampleId :

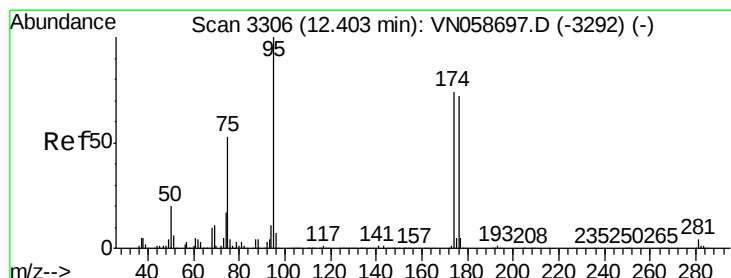
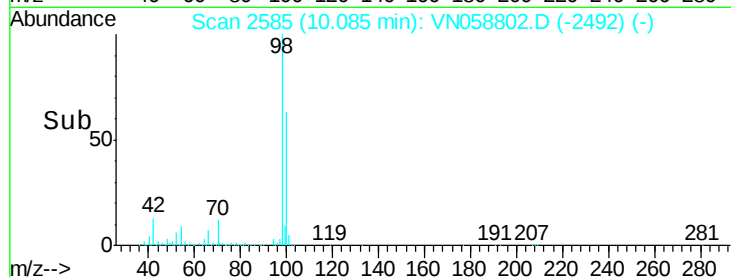
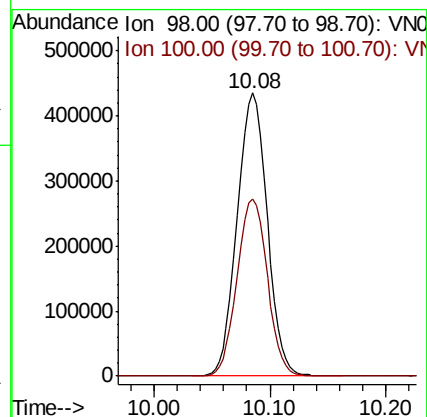
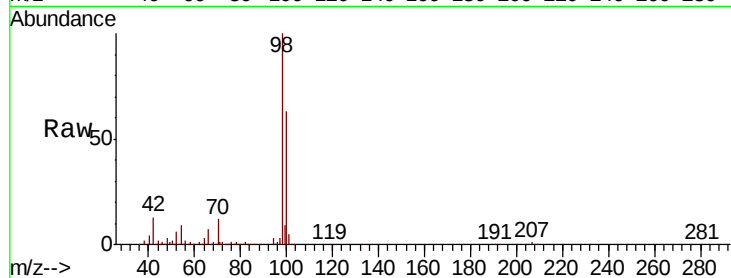
FA19-GMZ1JEBSN-TB1

Tot Ion: 98 Resp: 783332

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.818 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058802.D

Acq: 16 Oct 2019 15:27

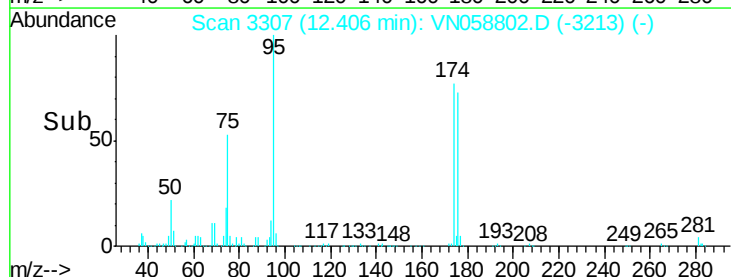
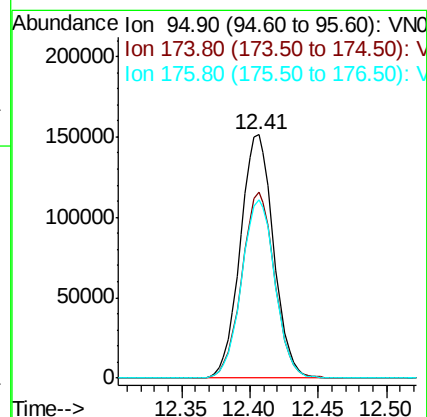
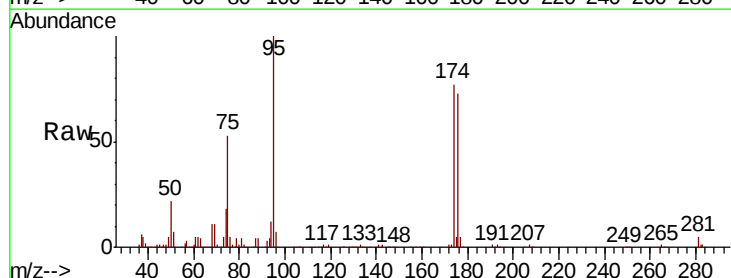
Tgt Ion: 95 Resp: 256360

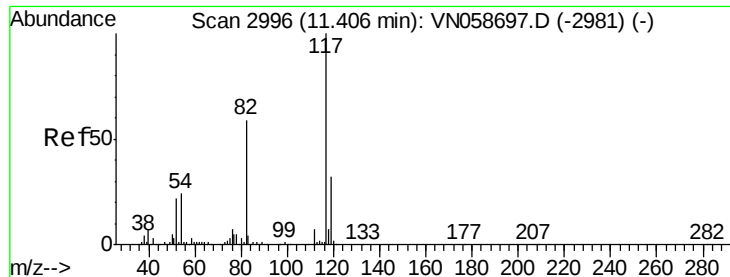
Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 73.5 0.0 146.8

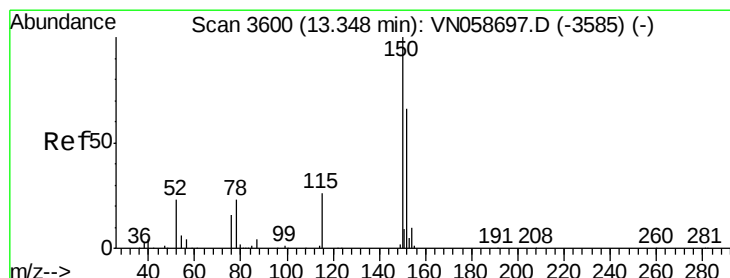
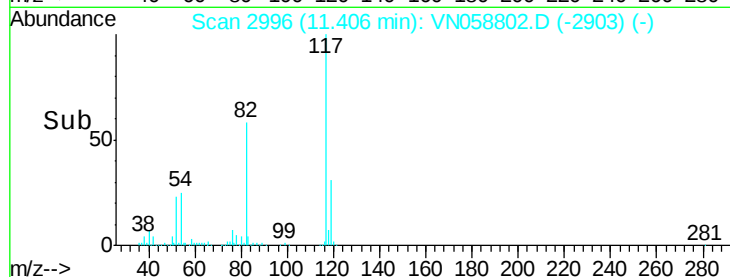
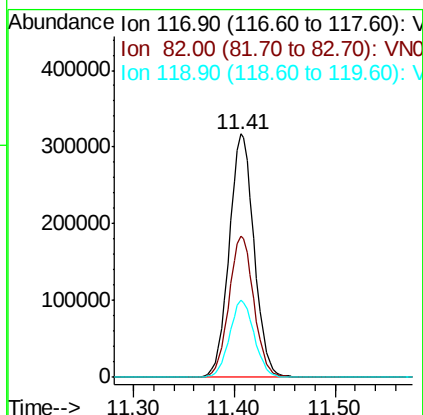
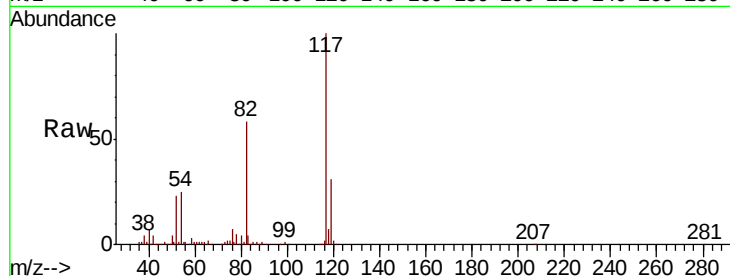




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

Instrument :
MSVOA_N
ClientSampleId :
FA19-GMZ1JEBSN-TB1

Tot Ion:117 Resp: 544575
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.4
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058802.D
Acq: 16 Oct 2019 15:27

Tgt Ion:152 Resp: 215394
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.2
150 158.1 0.0 345.4

