

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058709.D
 Acq On : 11 Oct 2019 18:11
 Operator : JC/SP
 Sample : K5336-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-GMZ1CND-ATB1

Quant Time: Oct 12 00:47:45 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	418396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238658	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	300468	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	7.57	113	214111	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.08	98	827905	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.41	95	276293	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	

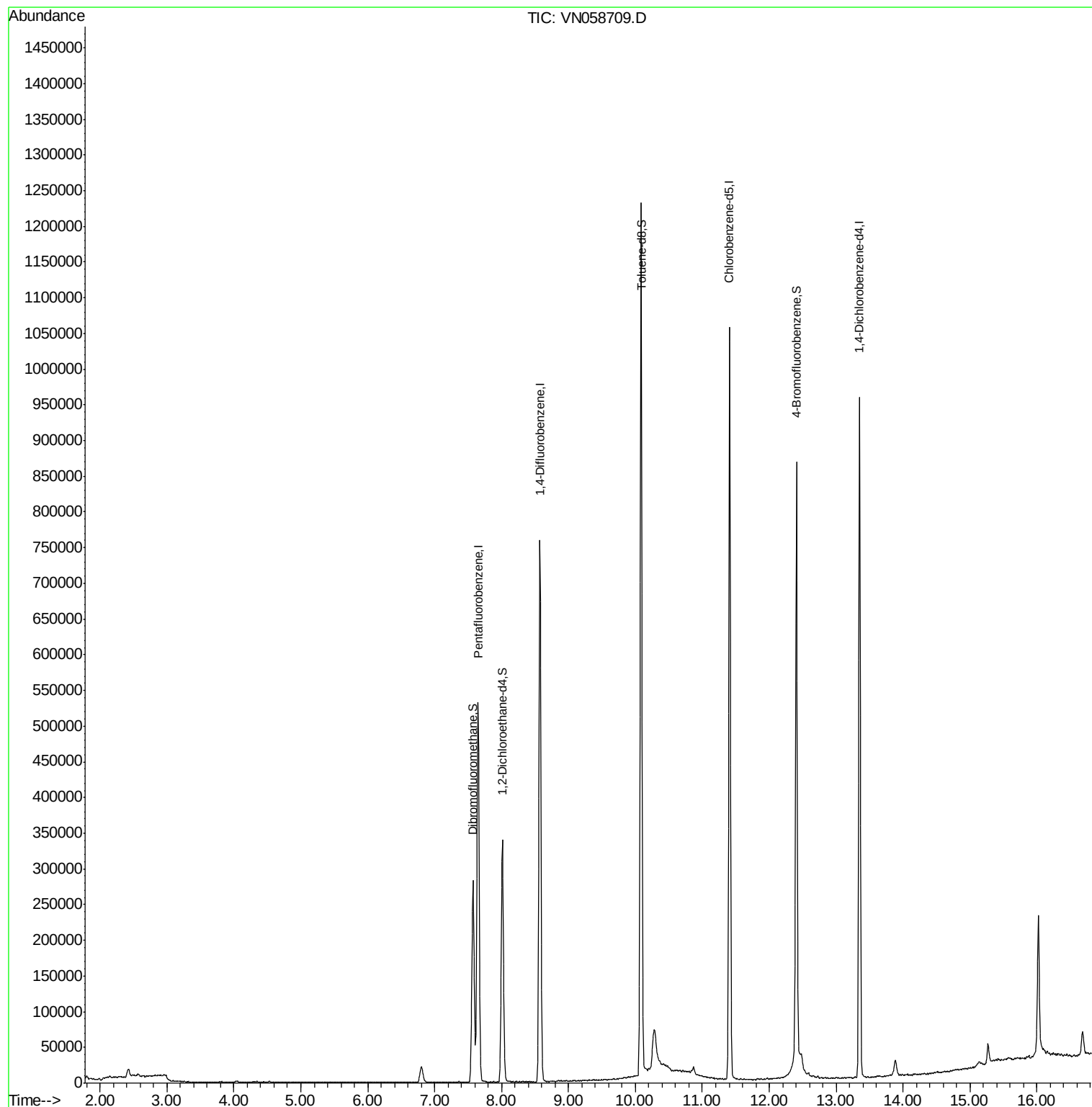
Target Compounds	Qvalue
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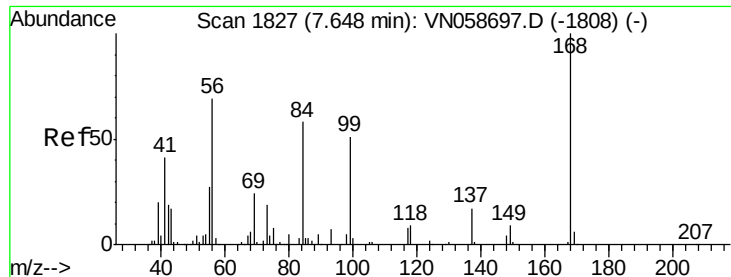
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058709.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

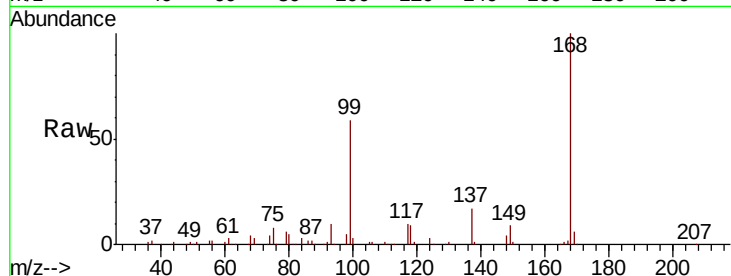
FA19-GMZ1CND-ATB1

Tot Ion:168 Resp: 418396

Ion Ratio Lower Upper

168 100

99 58.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

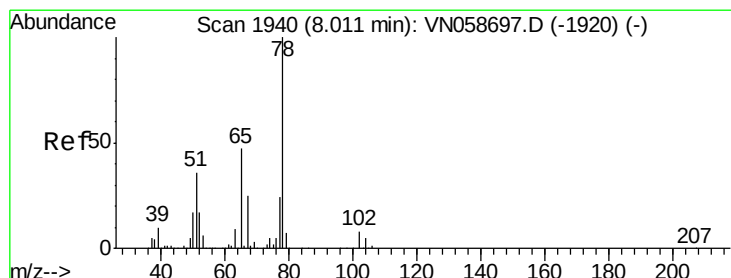
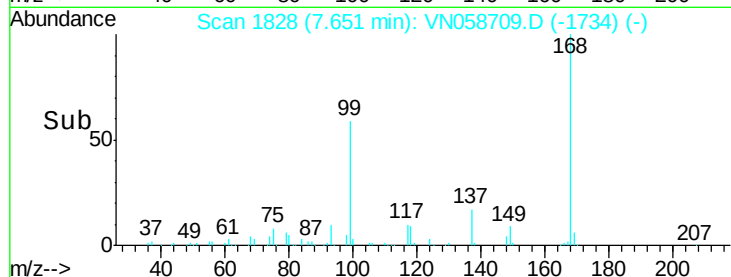
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.296 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058709.D

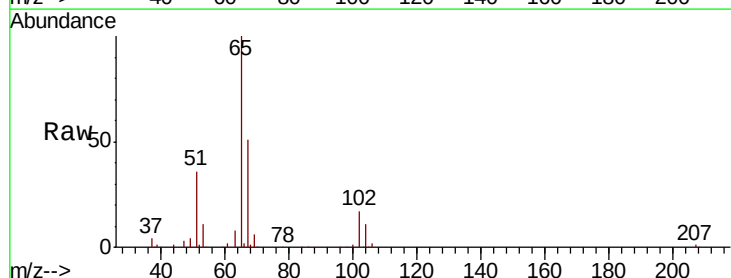
Acq: 11 Oct 2019 18:11

Tgt Ion: 65 Resp: 300468

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

150000

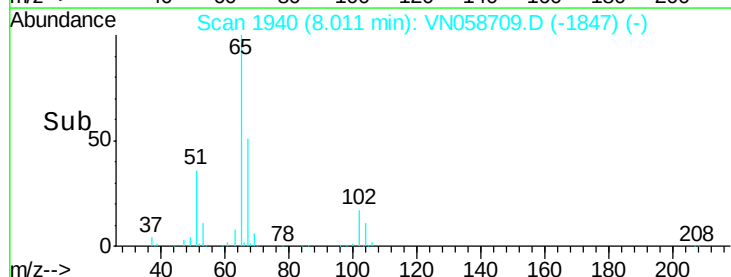
100000

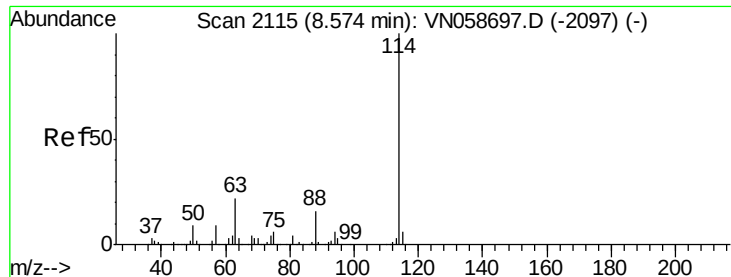
50000

0

7.90 8.00 8.10

Time-->

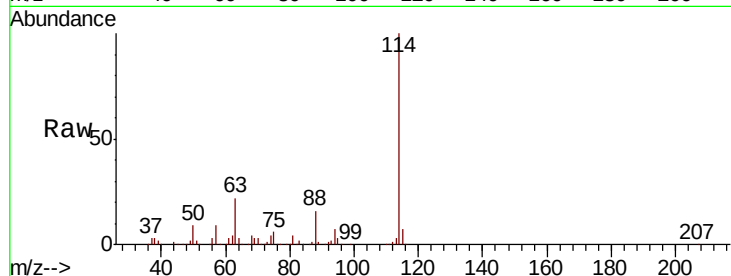




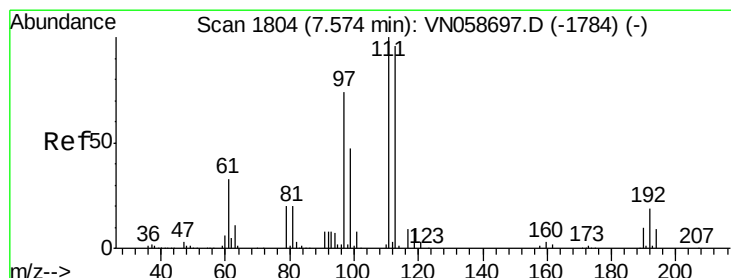
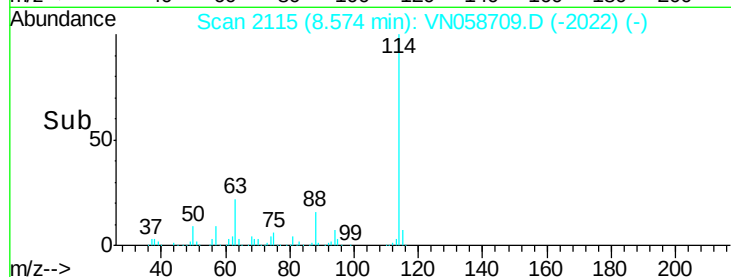
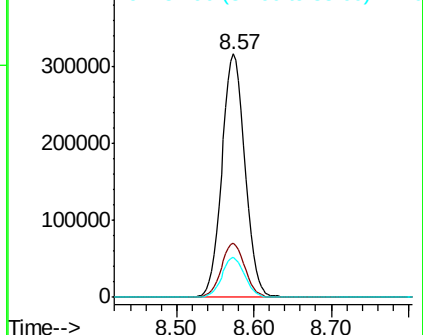
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-GMZ1CND-ATB1

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.8
88	16.2	0.0	32.0

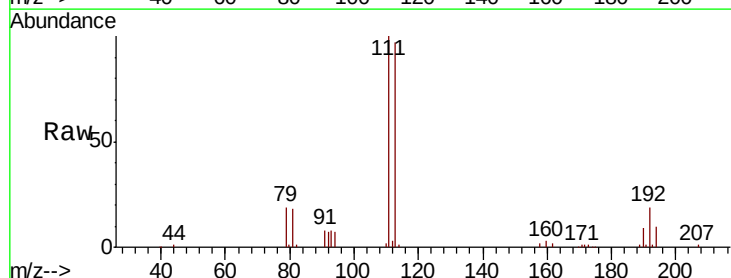


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

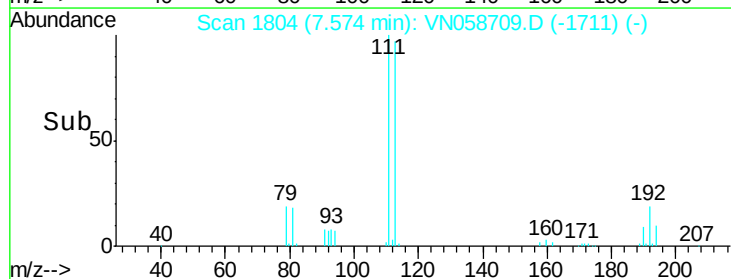
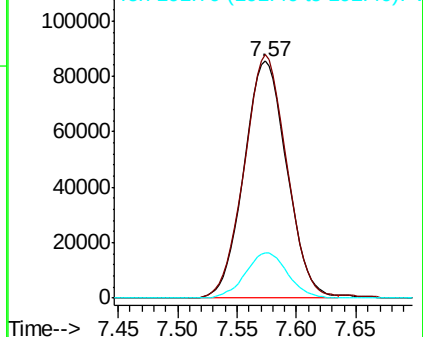


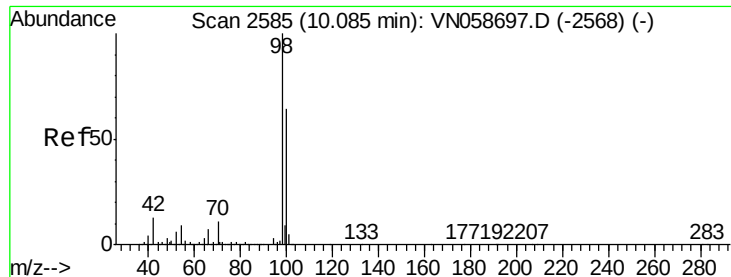
#35
 Dibromofluoromethane
 Concen: 52.762 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058709.D
 Acq: 11 Oct 2019 18:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	18.8	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: 51.018 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058709.D

Acq: 11 Oct 2019 18:11

Instrument :

MSVOA_N

ClientSampleId :

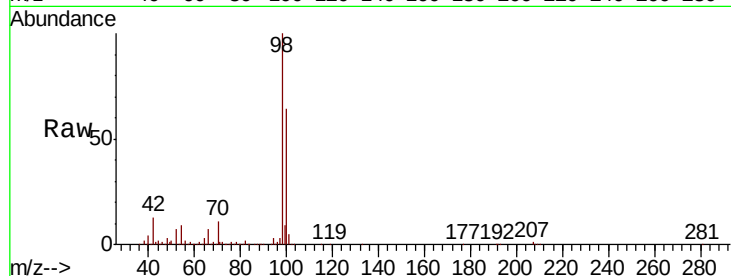
FA19-GMZ1CND-ATB1

Tot Ion: 98 Resp: 827905

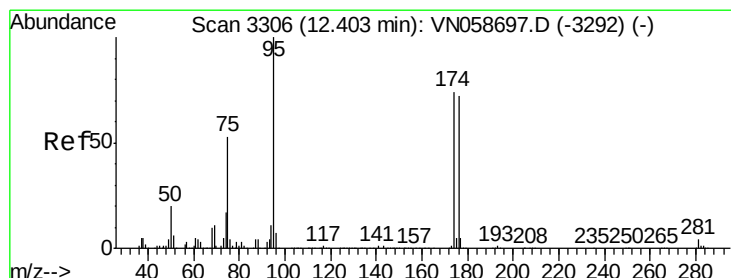
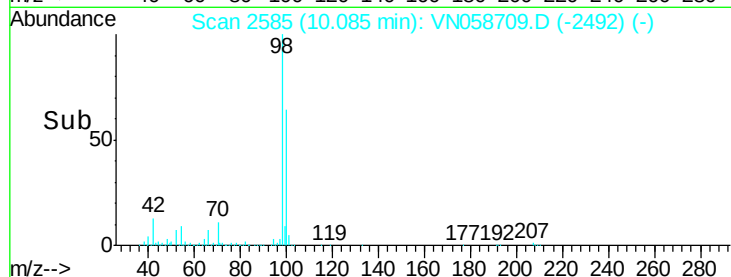
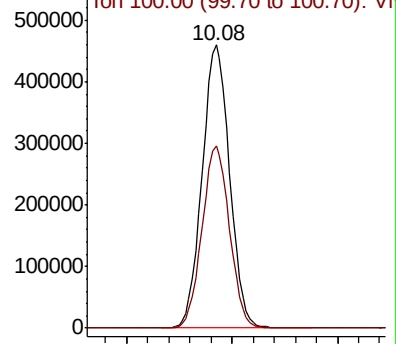
Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058697.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 44.980 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058709.D

Acq: 11 Oct 2019 18:11

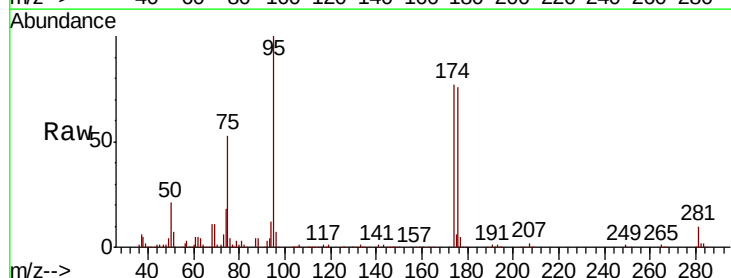
Tgt Ion: 95 Resp: 276293

Ion Ratio Lower Upper

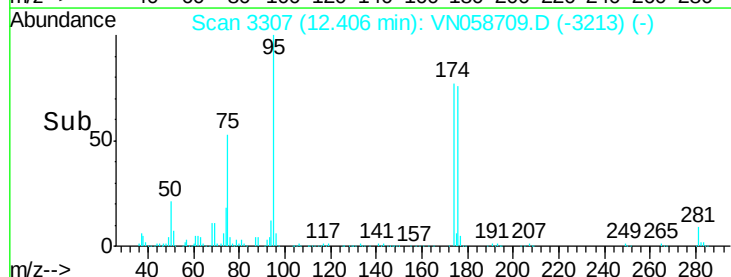
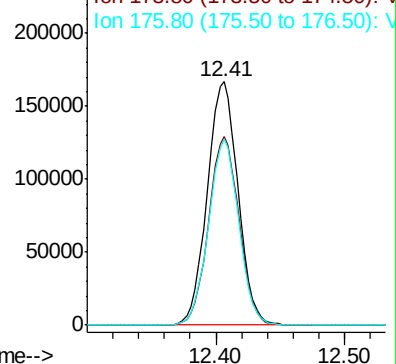
95 100

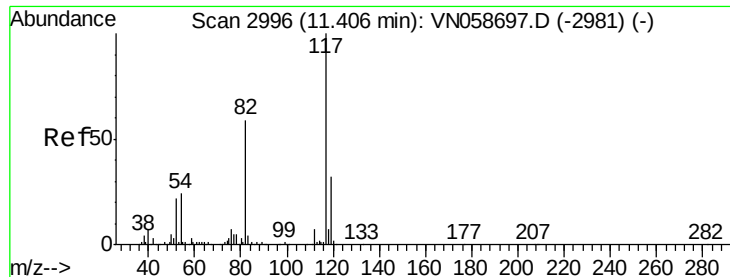
174 77.0 0.0 150.4

176 75.1 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

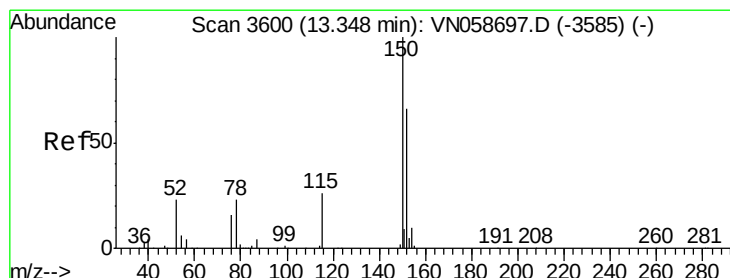
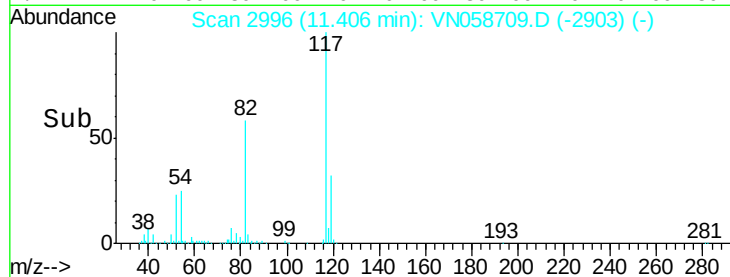
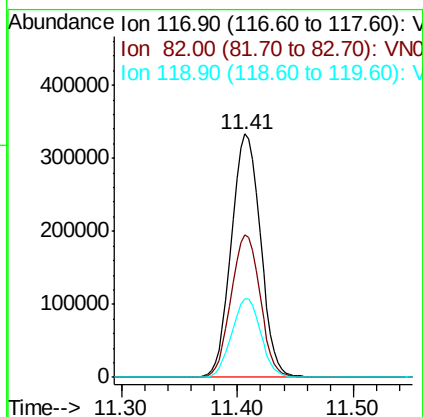
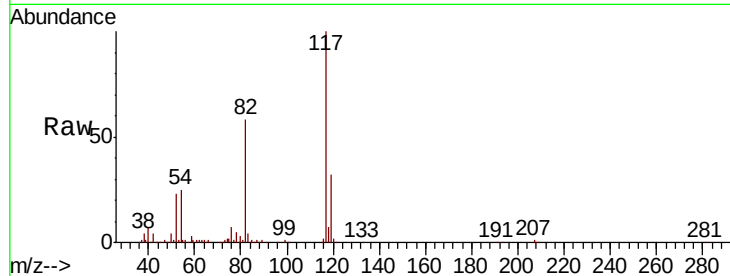




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058709.D
Acq: 11 Oct 2019 18:11

Instrument :
MSVOA_N
ClientSampleId :
FA19-GMZ1CND-ATB1

Tot Ion:117 Resp: 579374
Ion Ratio Lower Upper
117 100
82 58.5 47.0 70.4
119 32.5 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: VN058709.D
Acq: 11 Oct 2019 18:11

Tgt Ion:152 Resp: 238658
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.2
150 158.4 0.0 345.4

