

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057809.D
 Acq On : 9 Sep 2019 18:45
 Operator : JC/SP
 Sample : K4781-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-03-090719

Quant Time: Sep 10 07:26:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	313451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	517525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	462281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	323971	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	7.58	113	221499	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	10.08	98	916633	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	292628	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	

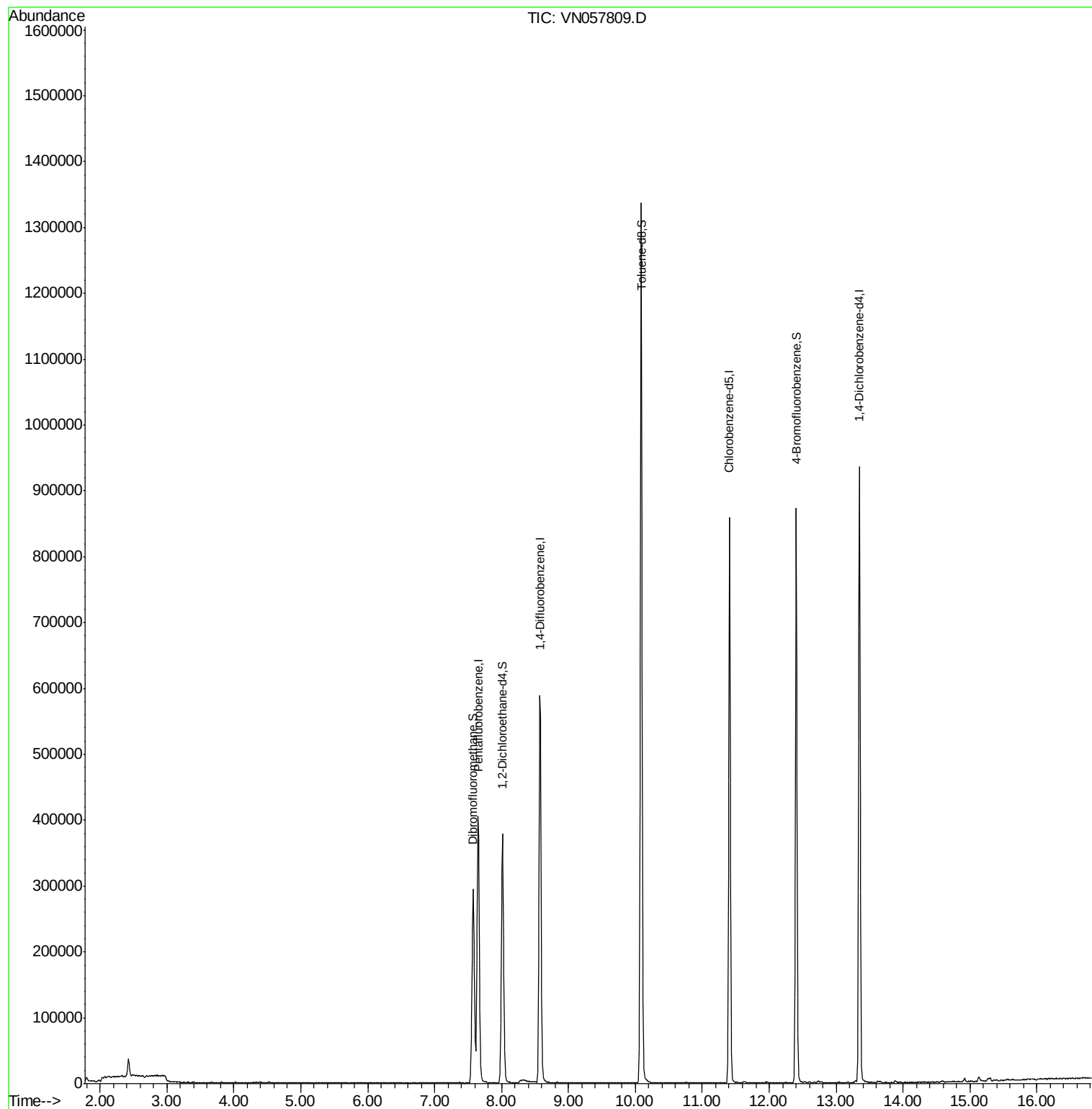
Target Compounds	Qvalue
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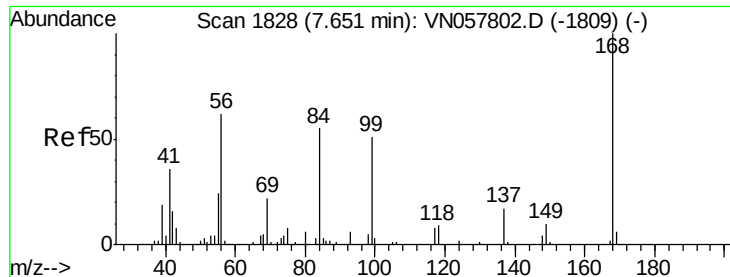
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057809.D

Acq: 9 Sep 2019 18:45

Instrument :

MSVOA_N

ClientSampled :

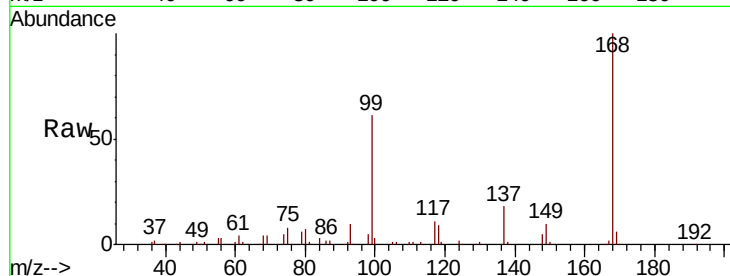
TB-03-090719

Tot Ion:168 Resp: 313451

Ion Ratio Lower Upper

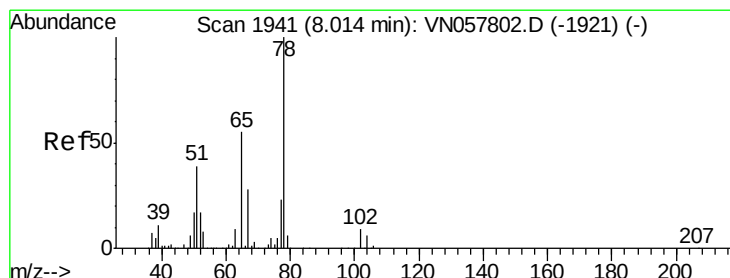
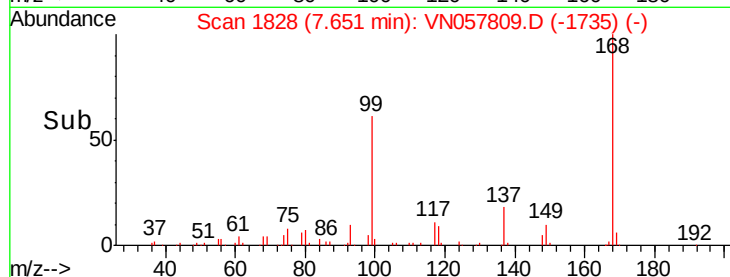
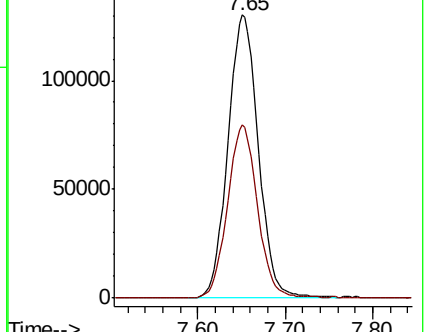
168 100

99 61.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.029 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057809.D

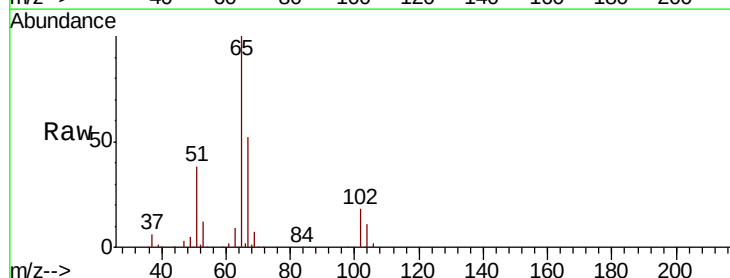
Acq: 9 Sep 2019 18:45

Tgt Ion: 65 Resp: 323971

Ion Ratio Lower Upper

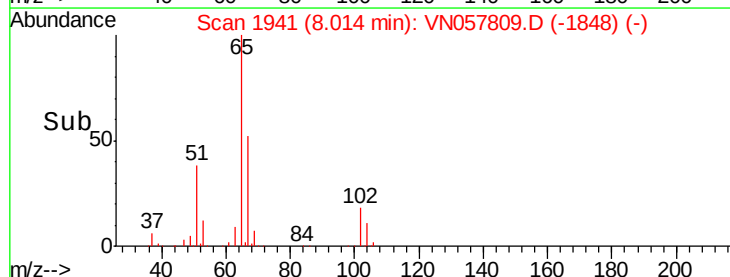
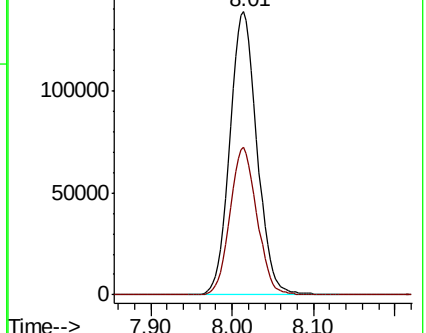
65 100

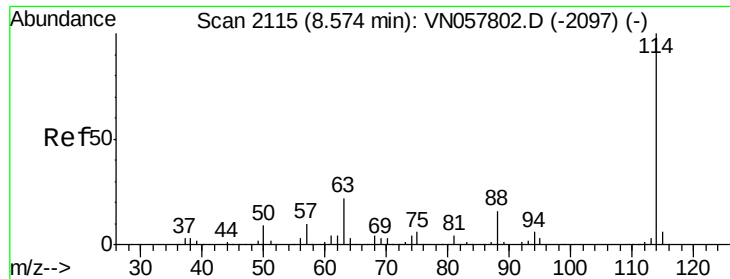
67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

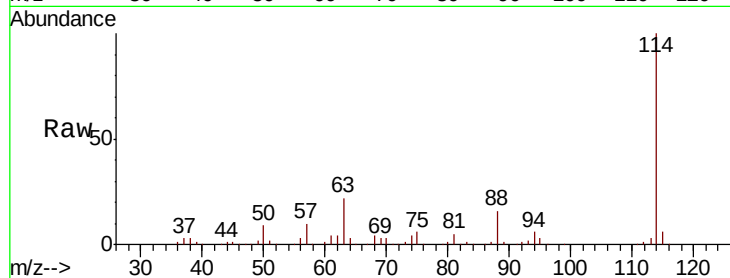




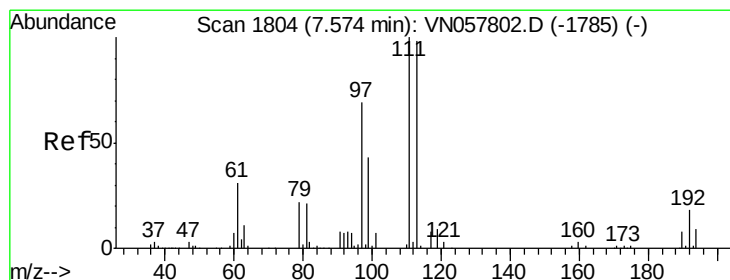
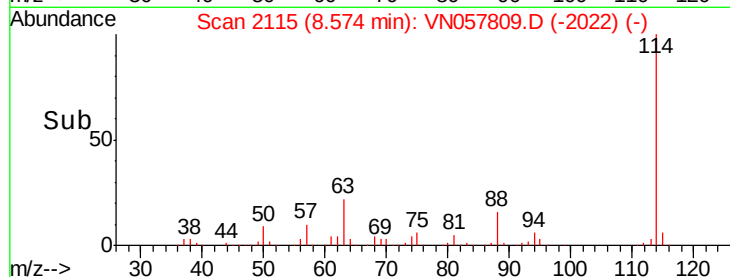
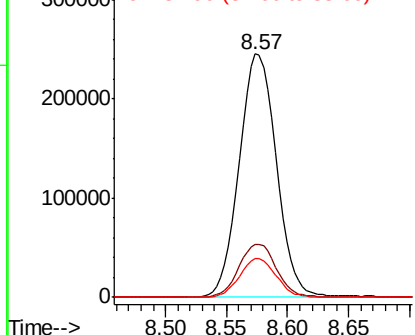
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057809.D
 Acq: 9 Sep 2019 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-03-090719

Tot Ion:114 Resp: 517525
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.0
 88 16.1 0.0 31.4

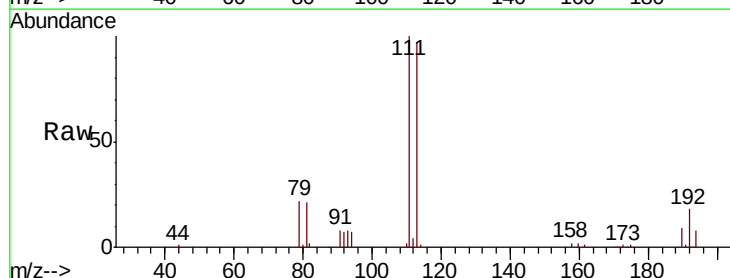


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

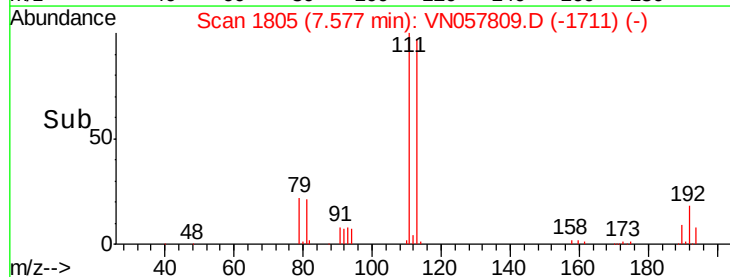
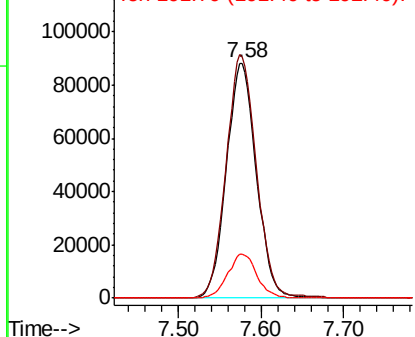


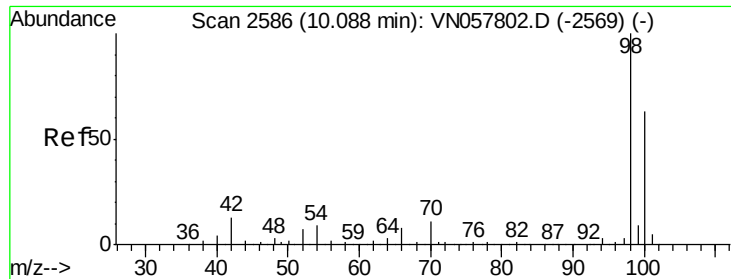
#35
 Dibromofluoromethane
 Concen: 46.372 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057809.D
 Acq: 9 Sep 2019 18:45

Tgt Ion:113 Resp: 221499
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.3 121.9
 192 18.4 14.6 22.0



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: 49.427 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057809.D

Acq: 9 Sep 2019 18:45

Instrument :

MSVOA_N

ClientSampled :

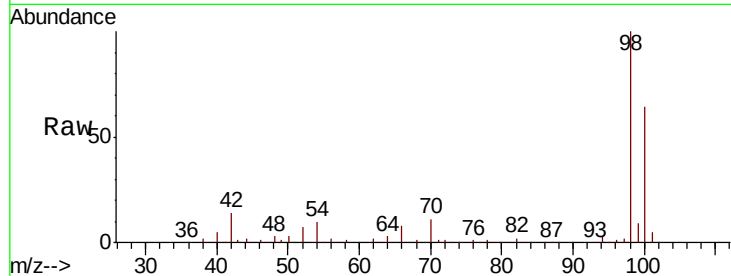
TB-03-090719

Tot Ion: 98 Resp: 916633

Ion Ratio Lower Upper

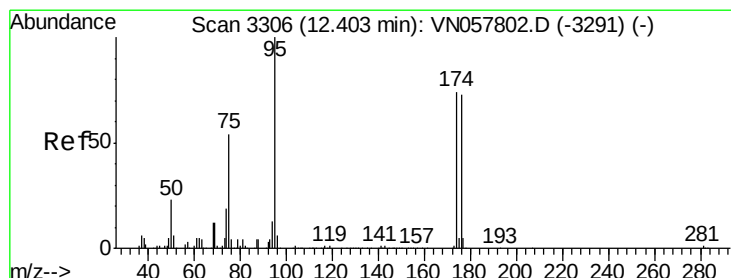
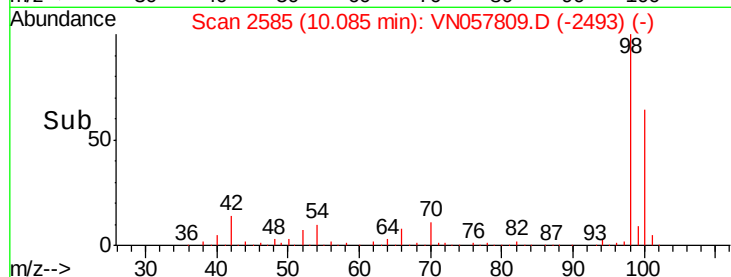
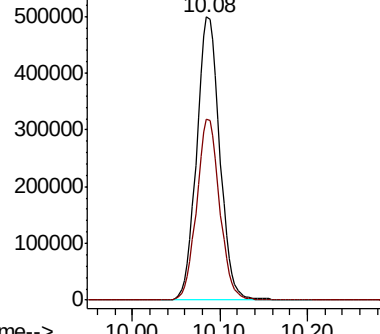
98 100

100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 41.406 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057809.D

Acq: 9 Sep 2019 18:45

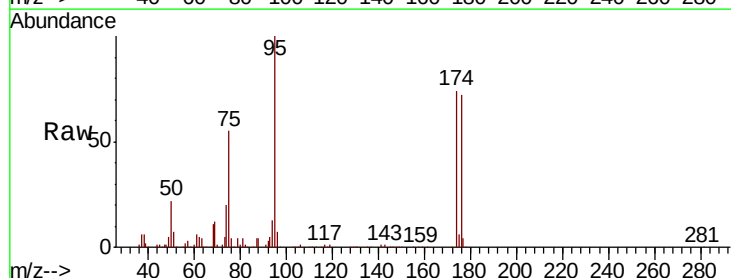
Tgt Ion: 95 Resp: 292628

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

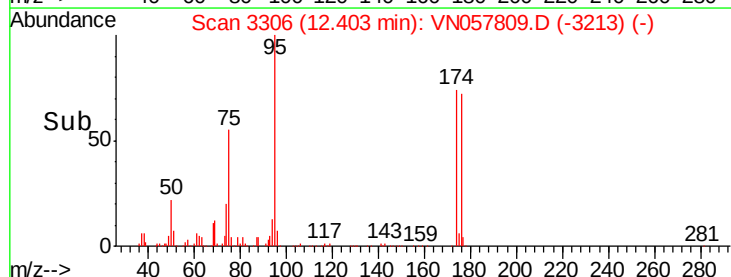
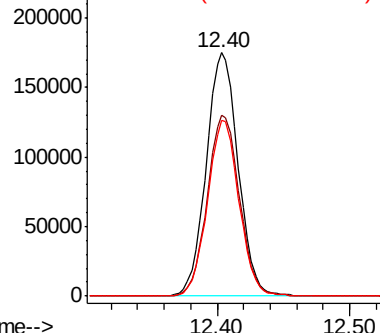
176 71.4 0.0 146.0

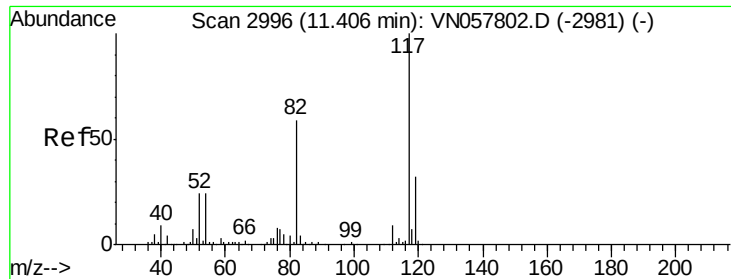


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

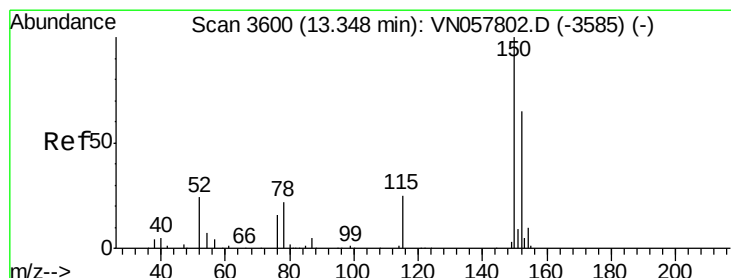
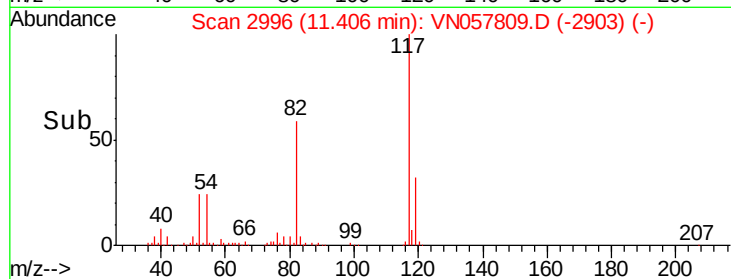
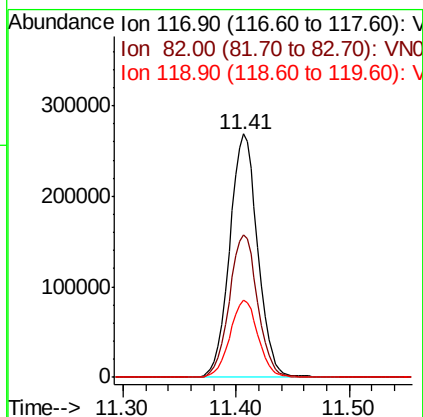
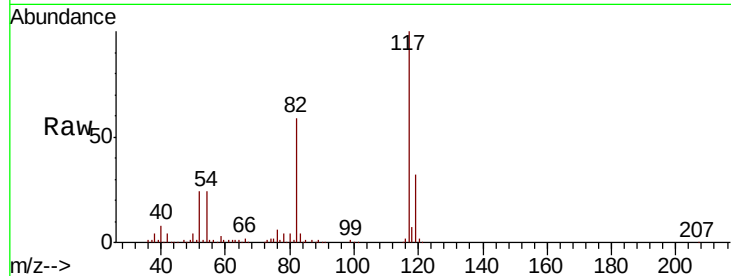




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057809.D
Acq: 9 Sep 2019 18:45

Instrument :
MSVOA_N
ClientSampleId :
TB-03-090719

Tot Ion:117 Resp: 462281
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057809.D
Acq: 9 Sep 2019 18:45

Tgt Ion:152 Resp: 236758
Ion Ratio Lower Upper
152 100
115 60.3 30.3 91.0
150 156.5 0.0 352.4

