

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058518.D
 Acq On : 3 Oct 2019 18:18
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 04 05:00:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	346682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	587093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	186508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	255538	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	7.57	113	180694	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.08	98	718102	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.41	95	221334	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	

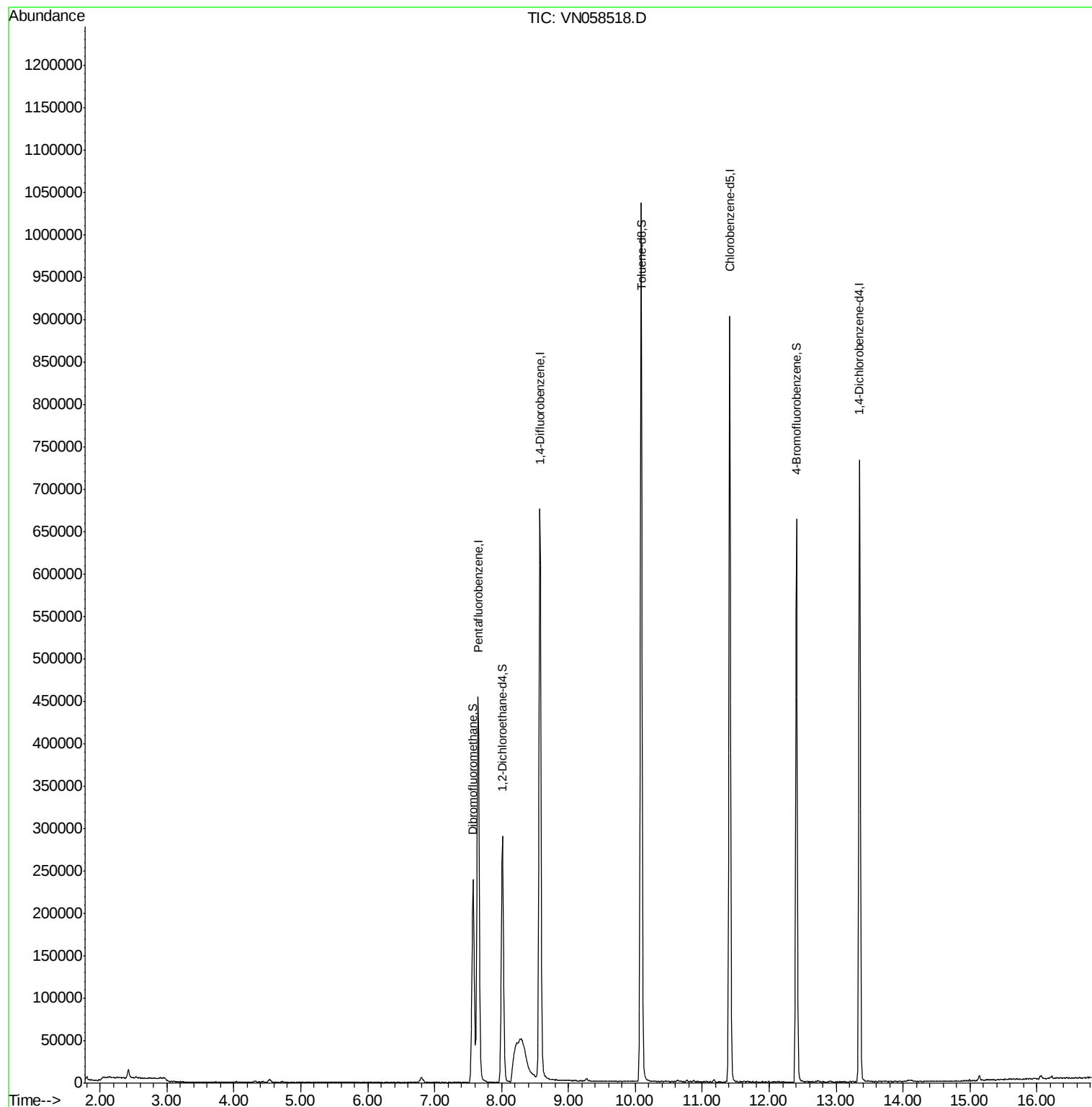
Target Compounds	Qvalue

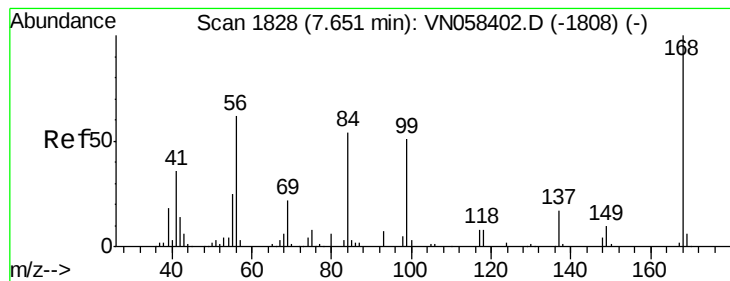
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100319\
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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: VN058518.D

Acq: 3 Oct 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

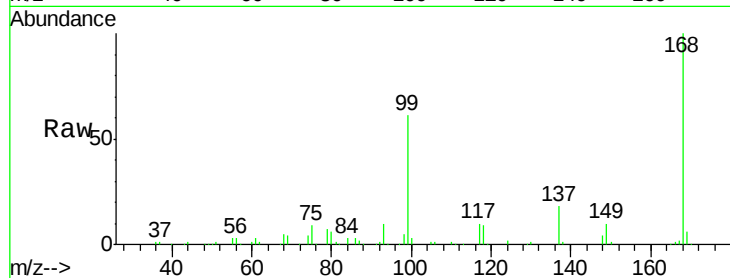
IBLK

Tot Ion:168 Resp: 346682

Ion Ratio Lower Upper

168 100

99 60.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

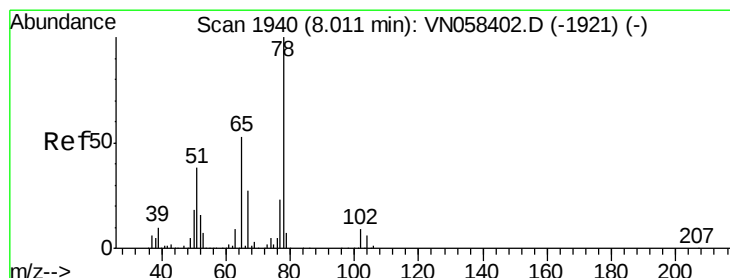
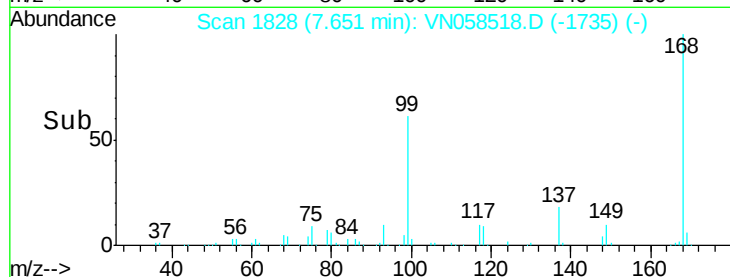
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 50.440 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058518.D

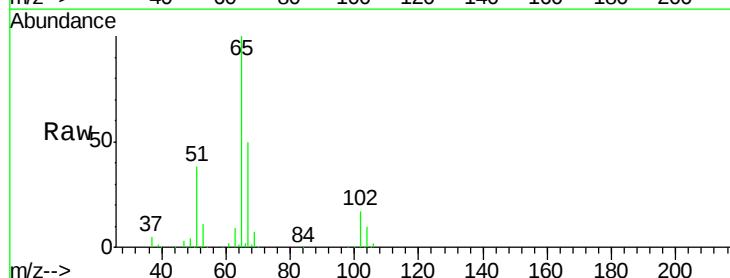
Acq: 3 Oct 2019 18:18

Tgt Ion: 65 Resp: 255538

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

120000

100000

80000

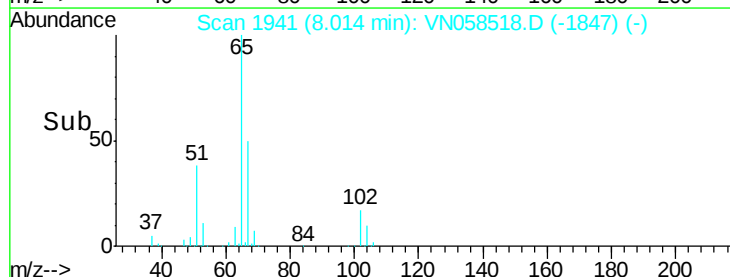
60000

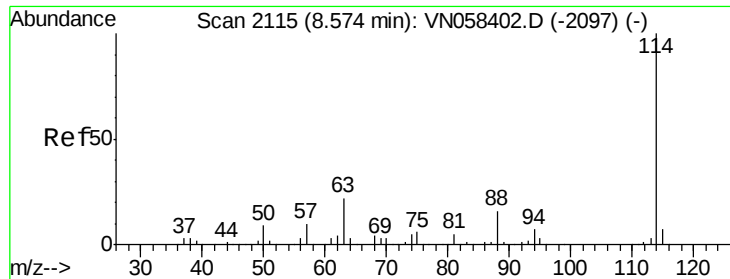
40000

20000

0

Time--> 7.90 8.00 8.10

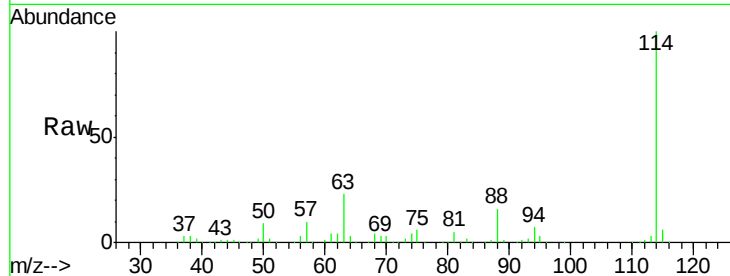




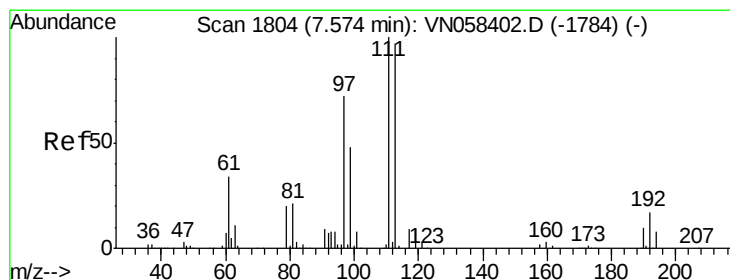
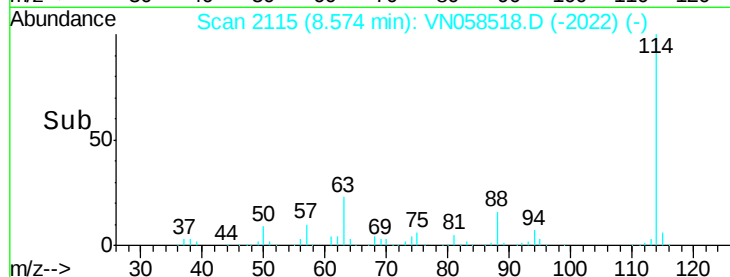
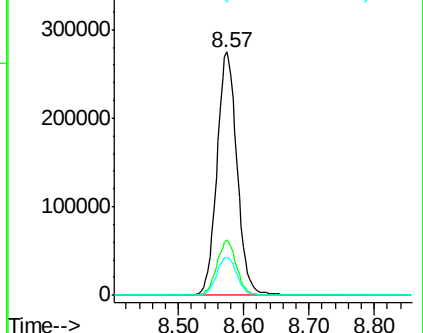
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058518.D
 Acq: 3 Oct 2019 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion:114 Resp: 587093
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 15.7 0.0 32.2

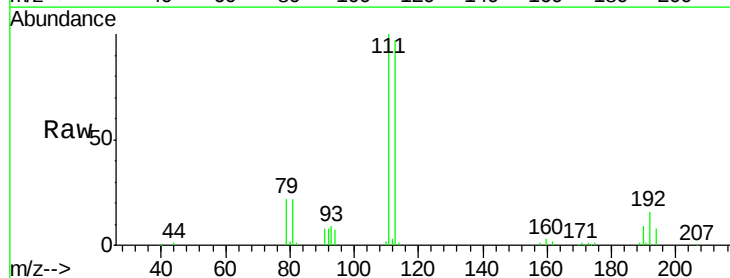


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

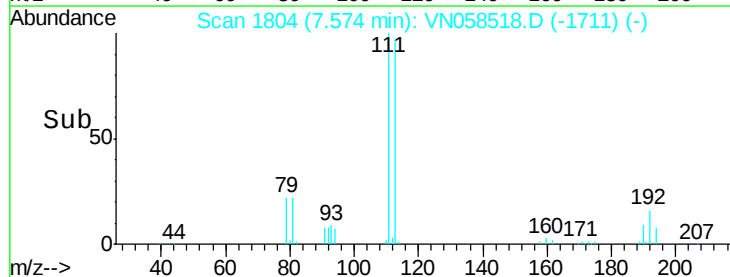
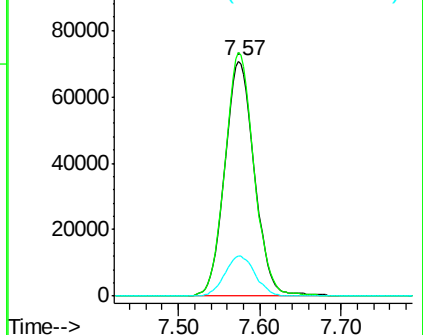


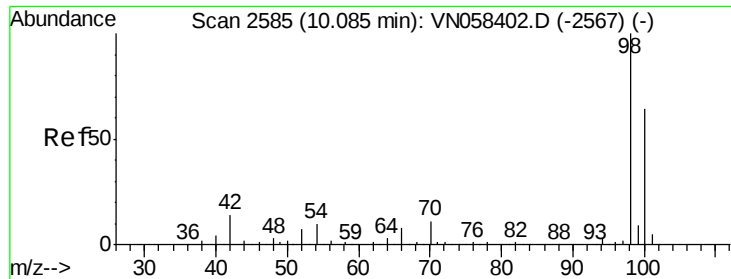
#35
 Dibromofluoromethane
 Concen: 50.217 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058518.D
 Acq: 3 Oct 2019 18:18

Tgt Ion:113 Resp: 180694
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 17.5 14.9 22.3



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

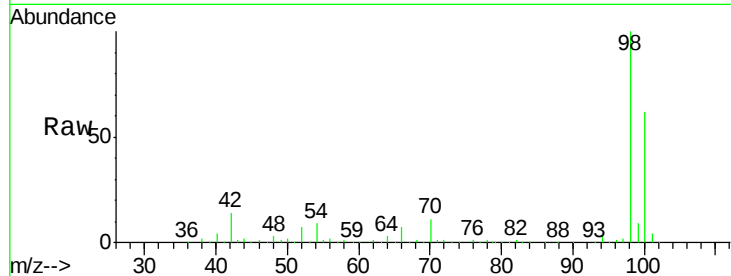




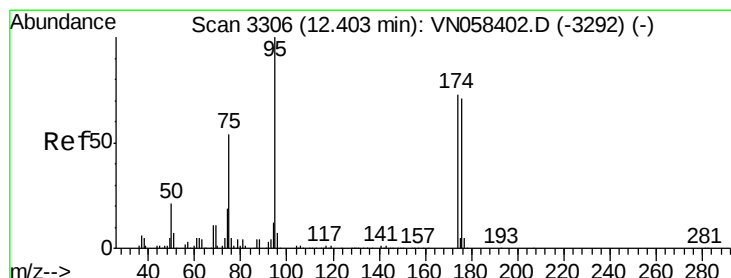
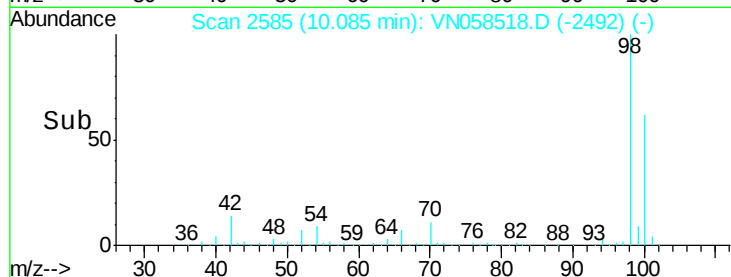
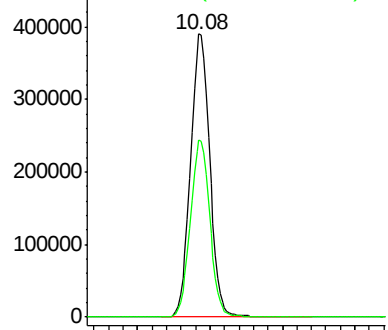
#50
Toluene-d8
Concen: 50.944 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058518.D
Acq: 3 Oct 2019 18:18

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion: 98 Resp: 718102
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.6

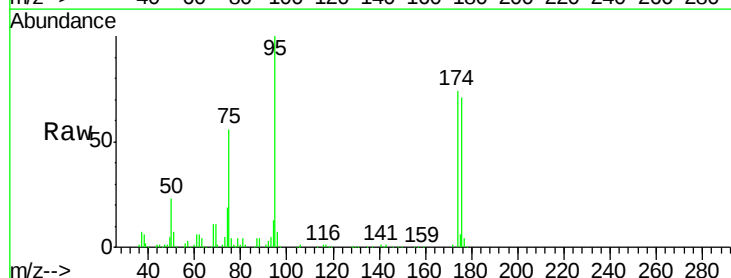


Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)
Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

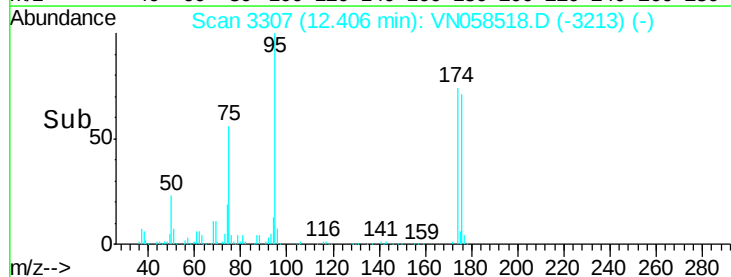
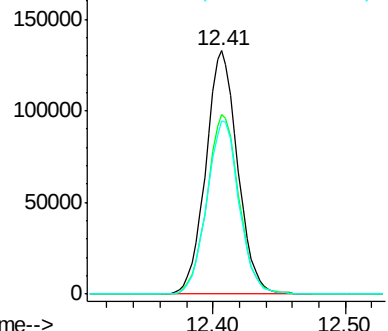


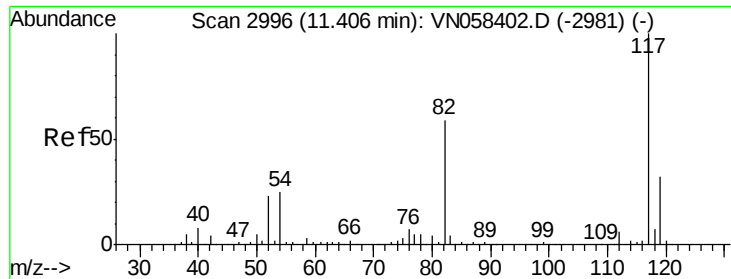
#62
4-Bromofluorobenzene
Concen: 43.426 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058518.D
Acq: 3 Oct 2019 18:18

Tgt Ion: 95 Resp: 221334
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.6
176 71.8 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)
Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)
Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

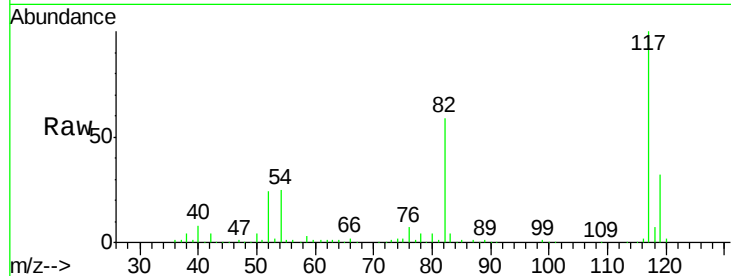




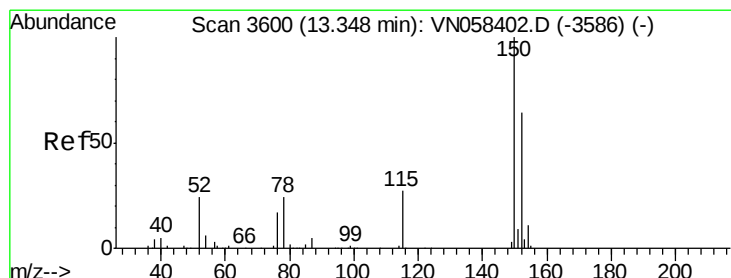
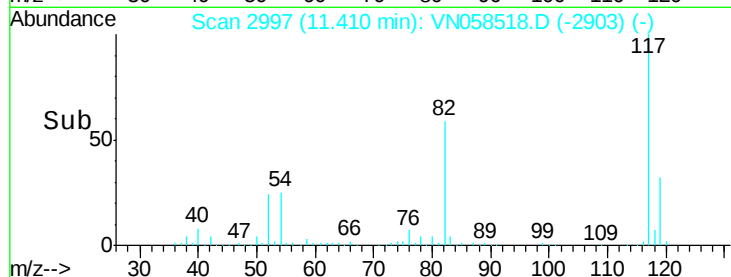
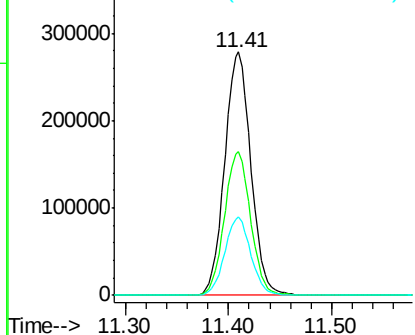
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058518.D
Acq: 3 Oct 2019 18:18

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:117 Resp: 492851
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 32.0 25.5 38.3

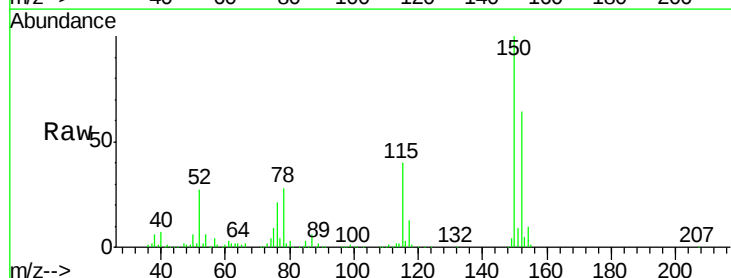


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058518.D
Acq: 3 Oct 2019 18:18

Tgt Ion:152 Resp: 186508
Ion Ratio Lower Upper
152 100
115 61.5 30.0 90.0
150 157.2 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

