

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060276.D
 Acq On : 28 Feb 2020 12:02
 Operator : JC/MD
 Sample : L1733-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Feb 29 00:57:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	305251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	116791	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.56	113	83167	58.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.40%	
50) Toluene-d8	10.08	98	368026	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	134484	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

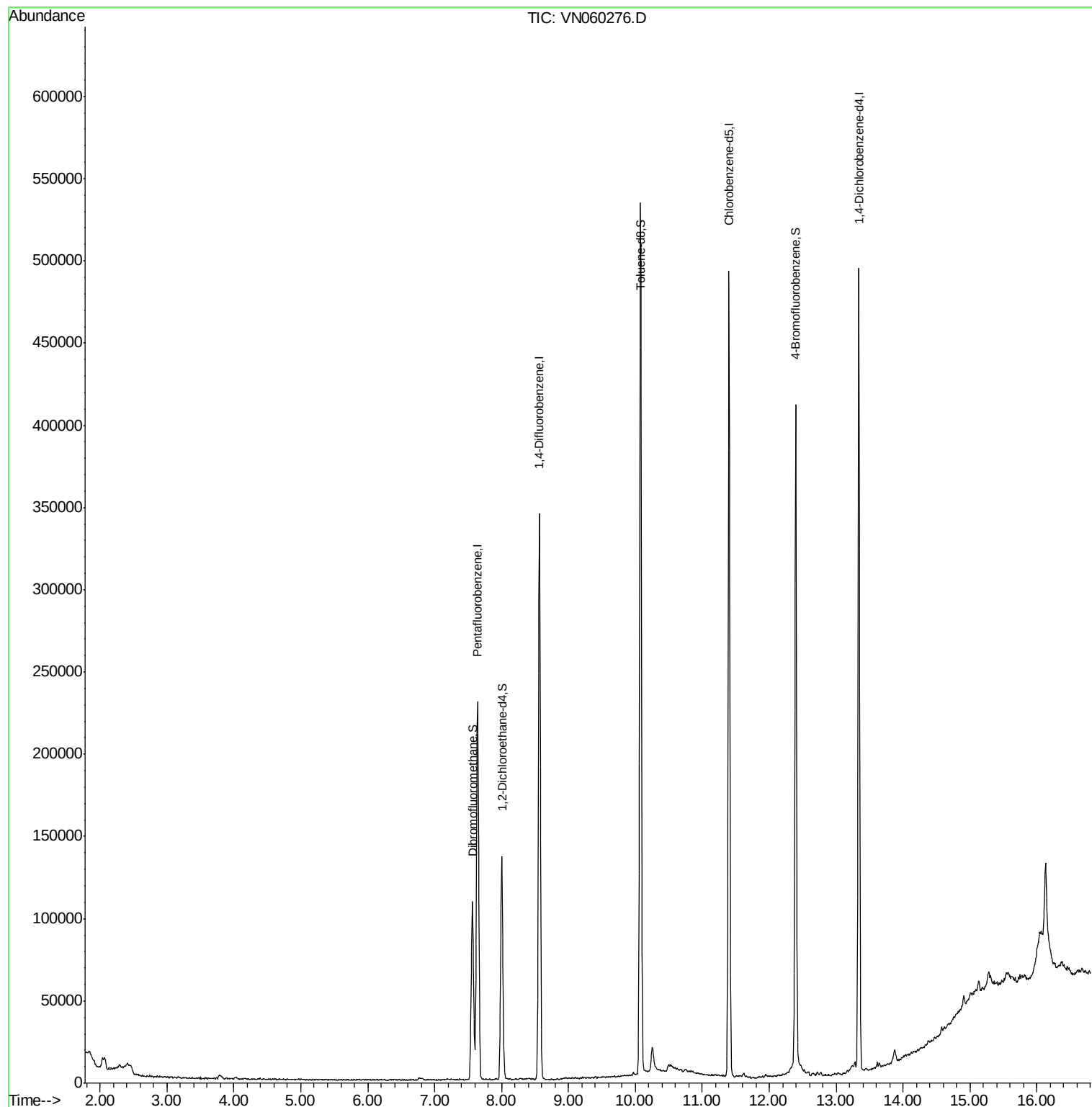
Target Compounds	Qvalue

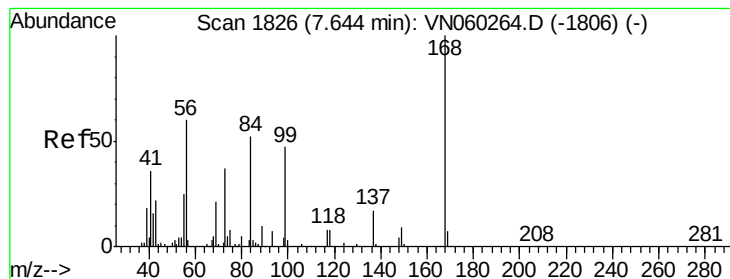
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060276.D

Acq: 28 Feb 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

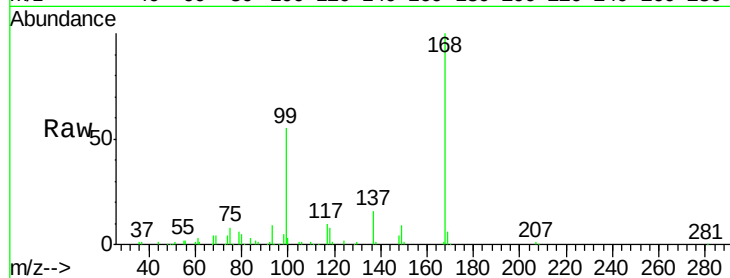
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 190179

Ion Ratio Lower Upper

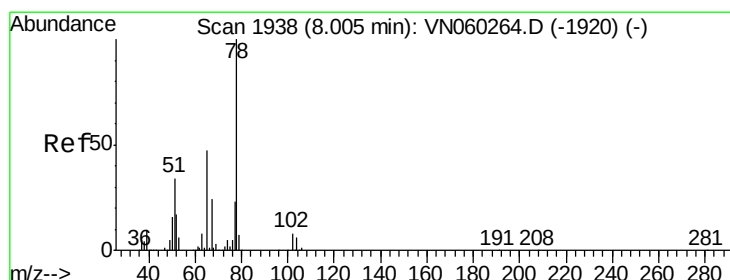
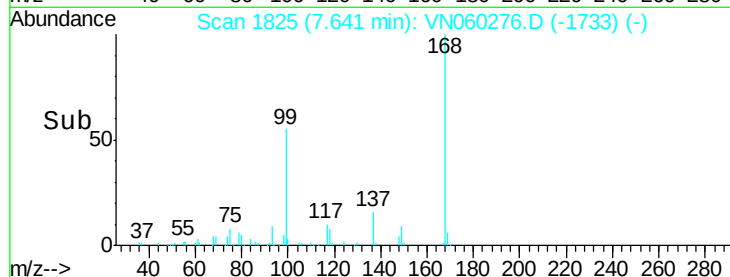
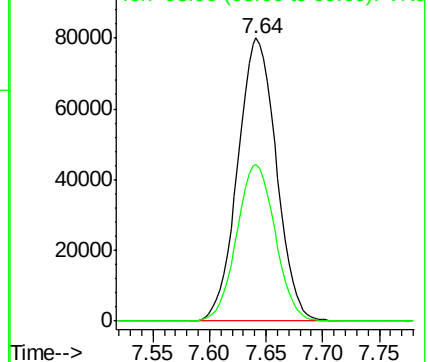
168 100

99 55.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 47.865 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060276.D

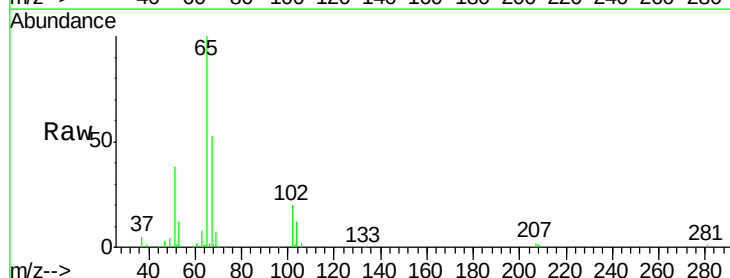
Acq: 28 Feb 2020 12:02

Tgt Ion: 65 Resp: 116791

Ion Ratio Lower Upper

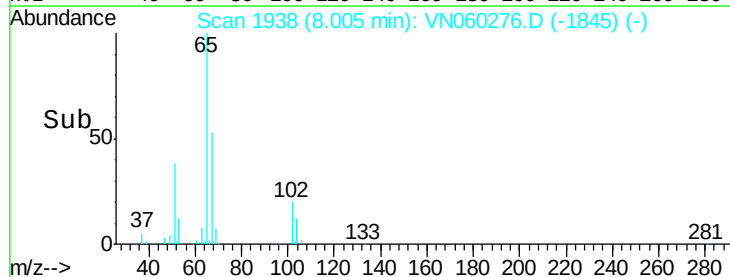
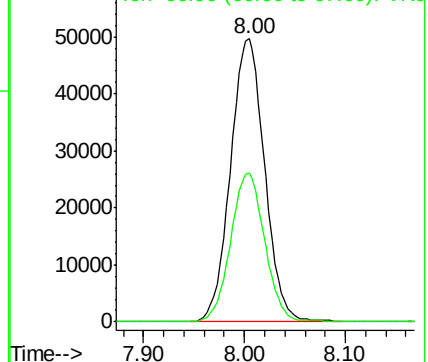
65 100

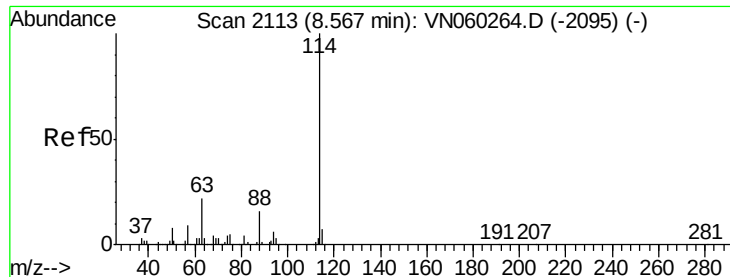
67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

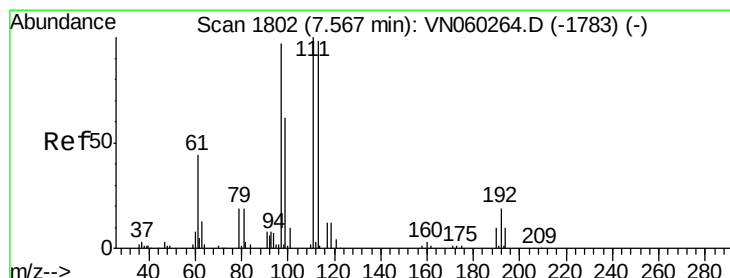
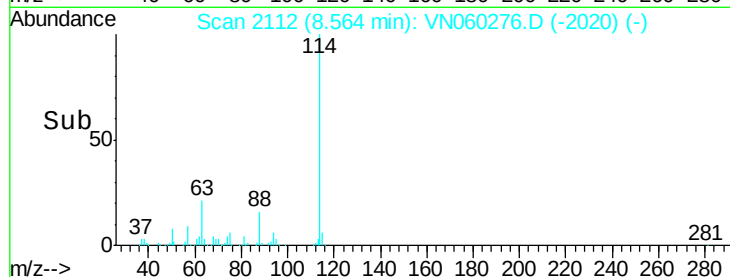
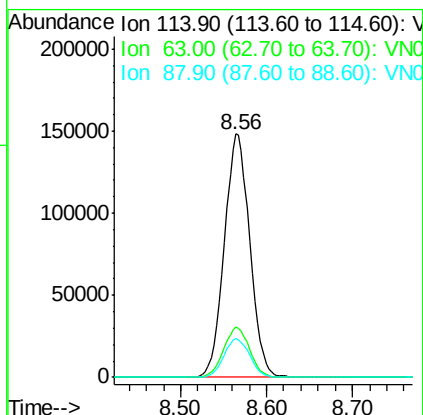
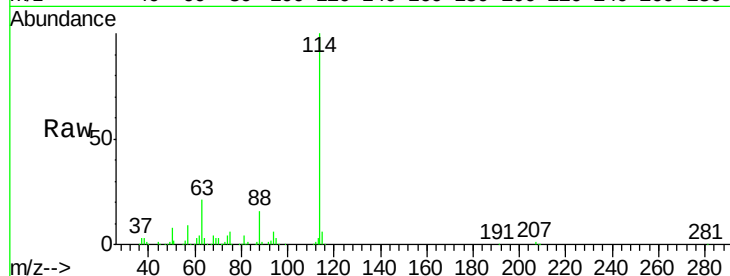




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060276.D
 Acq: 28 Feb 2020 12:02

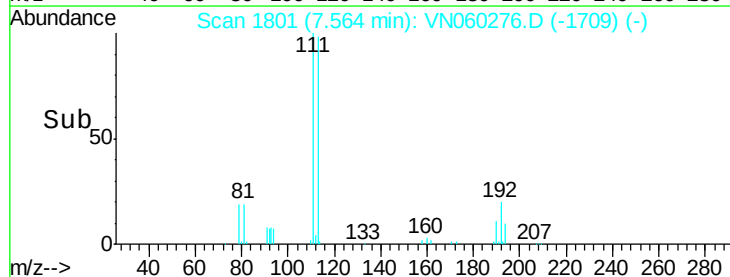
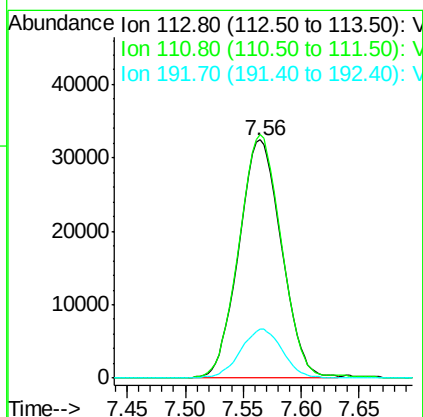
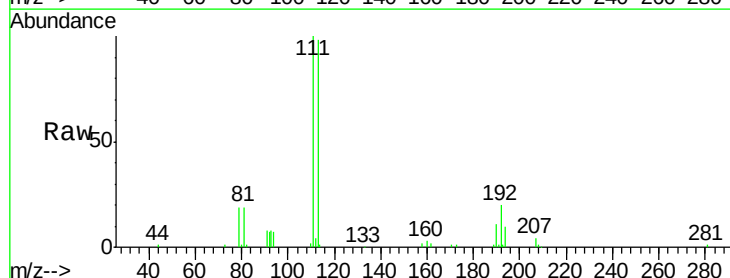
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

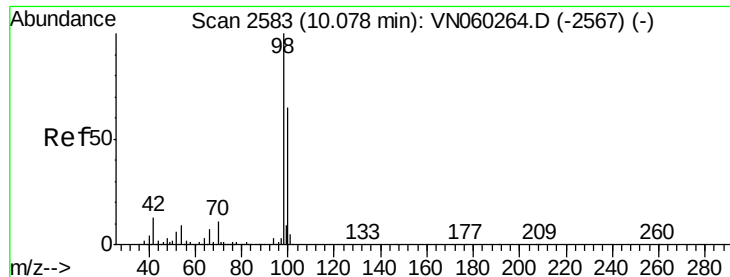
Tot Ion:114 Resp: 305251
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.8 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 58.697 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060276.D
 Acq: 28 Feb 2020 12:02

Tgt Ion:113 Resp: 83167
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 20.2 16.2 24.2





#50

Toluene-d8

Concen: 51.321 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060276.D

Acq: 28 Feb 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

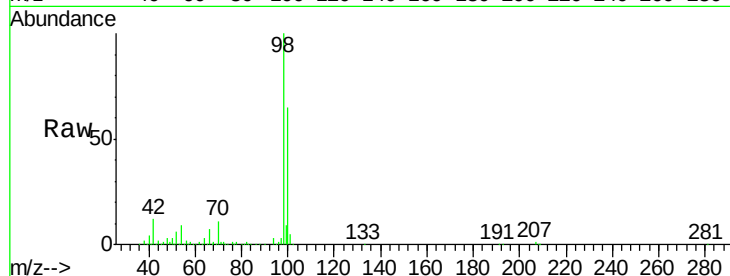
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 368026

Ion Ratio Lower Upper

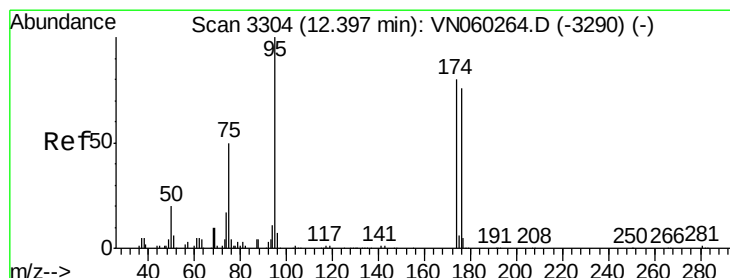
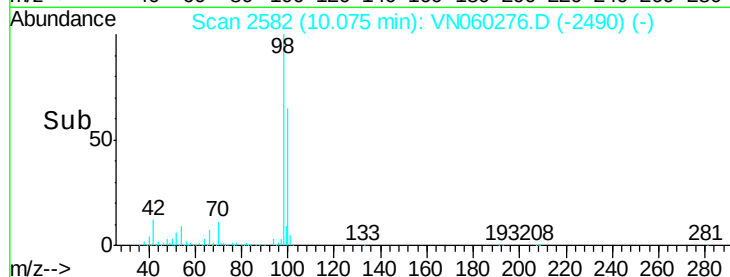
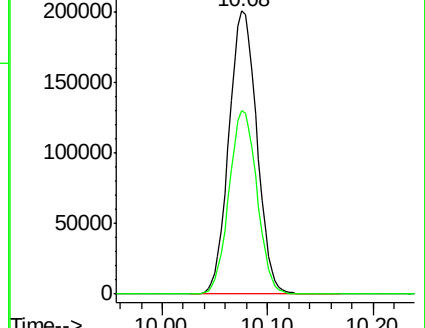
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060276.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060276.D (-2490) (-)



#62

4-Bromofluorobenzene

Concen: 49.473 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060276.D

Acq: 28 Feb 2020 12:02

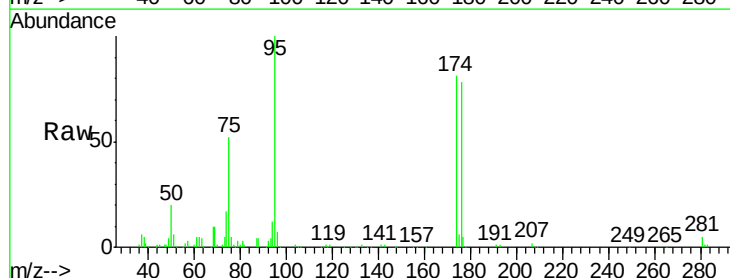
Tgt Ion: 95 Resp: 134484

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.2

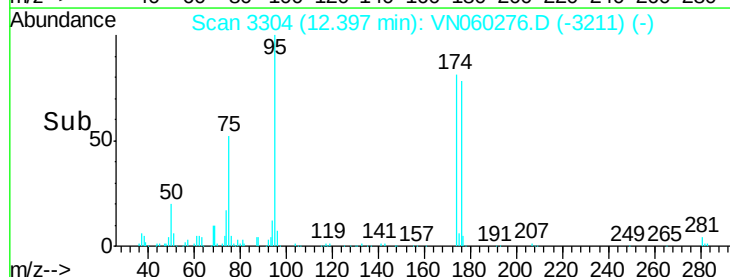
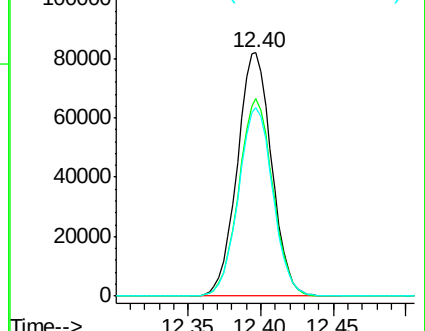
176 77.9 0.0 153.8

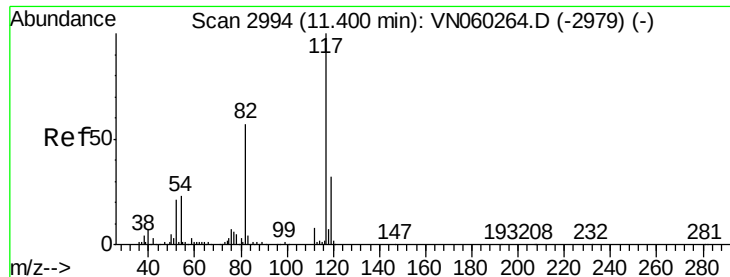


Abundance Ion 94.90 (94.60 to 95.60): VN060276.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060276.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060276.D (-3211) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060276.D

Acq: 28 Feb 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

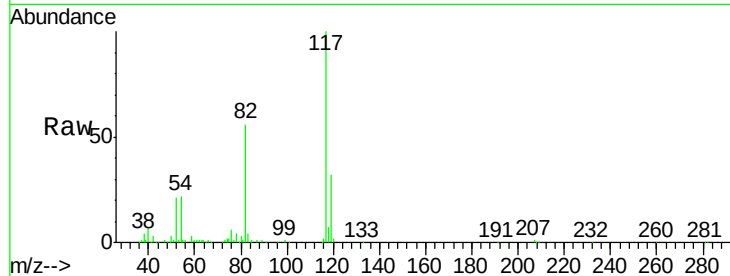
Tot Ion:117 Resp: 276789

Ion Ratio Lower Upper

117 100

82 55.7 45.8 68.6

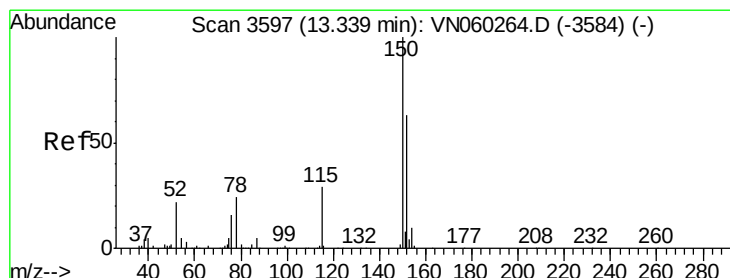
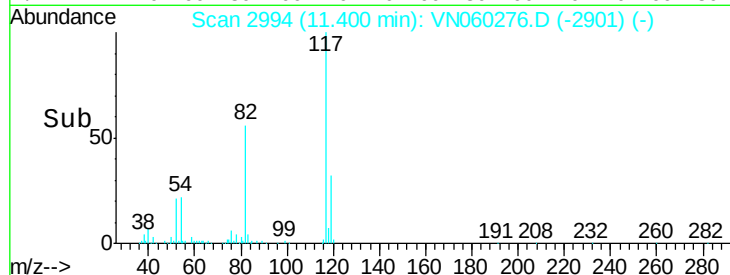
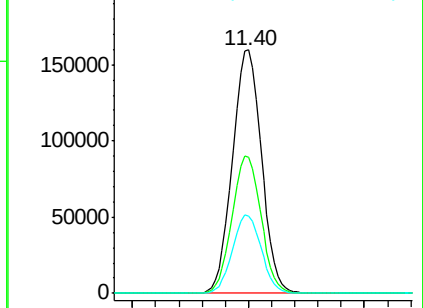
119 31.9 25.8 38.8



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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060276.D

Acq: 28 Feb 2020 12:02

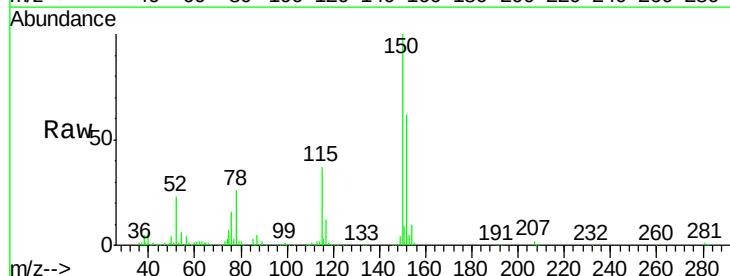
Tgt Ion:152 Resp: 126777

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 159.3 0.0 349.6



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

