

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057142.D
 Acq On : 9 Aug 2019 13:24
 Operator : JC/SP
 Sample : K4281-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 10 07:39:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1418151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1973338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1621502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	385350	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	650338	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
35) Dibromofluoromethane	6.99	113	596902	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	9.56	98	2288253	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.92	95	577382	37.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.64%	

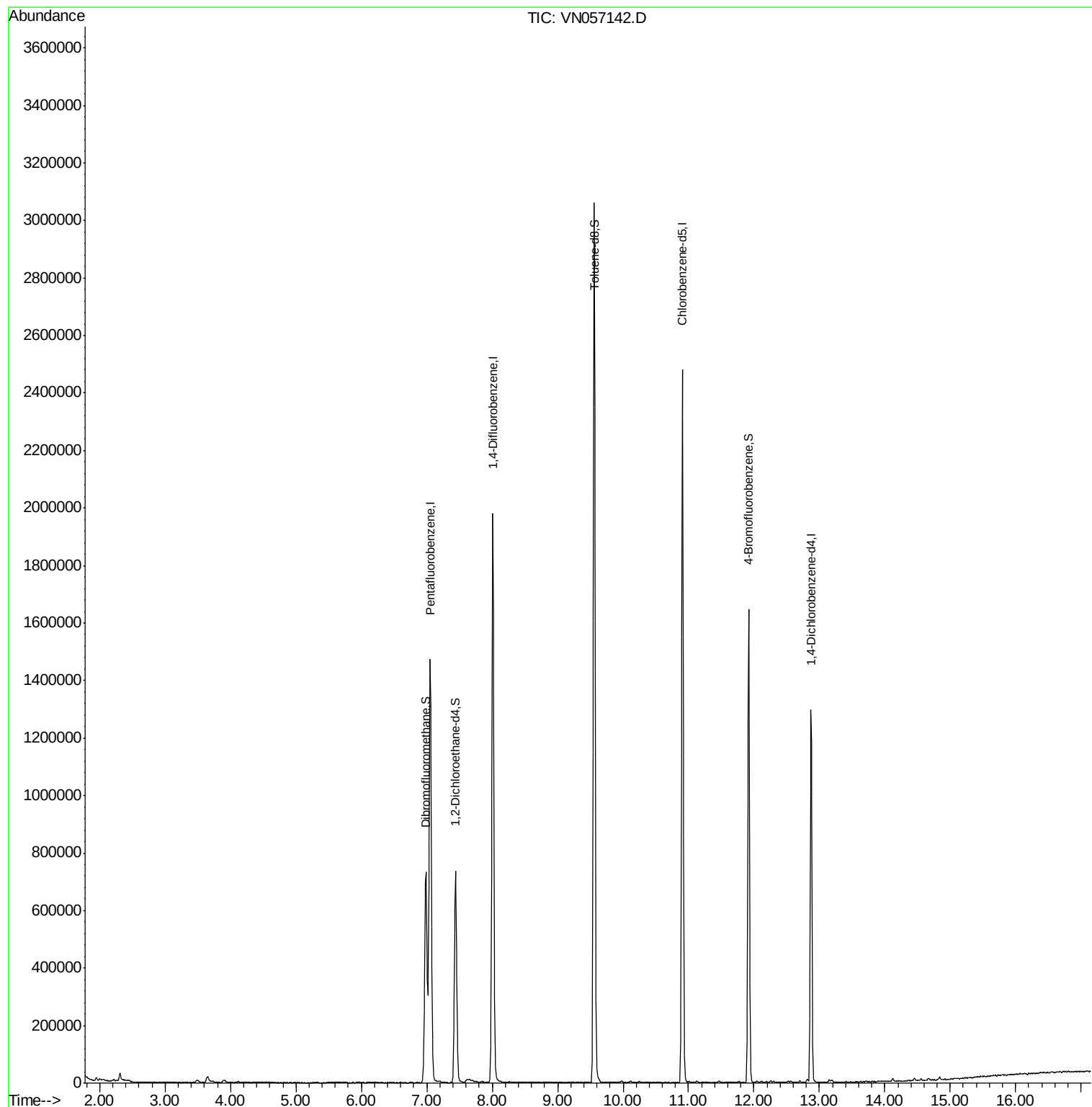
Target Compounds	Qvalue

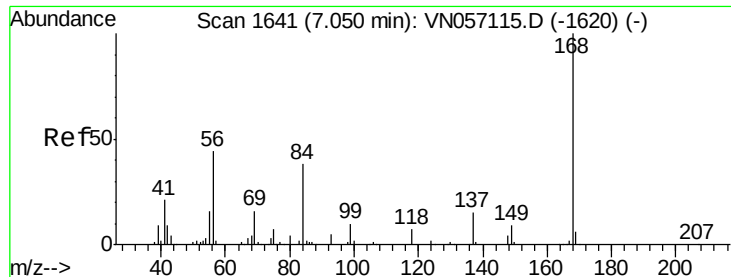
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

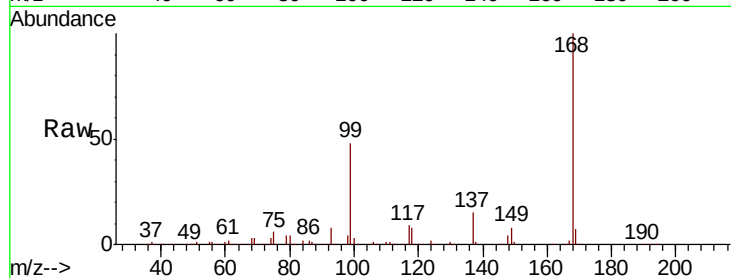
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 1418151

Ion Ratio Lower Upper

168 100

99 47.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

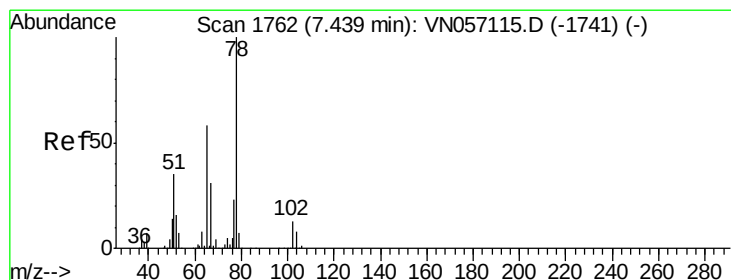
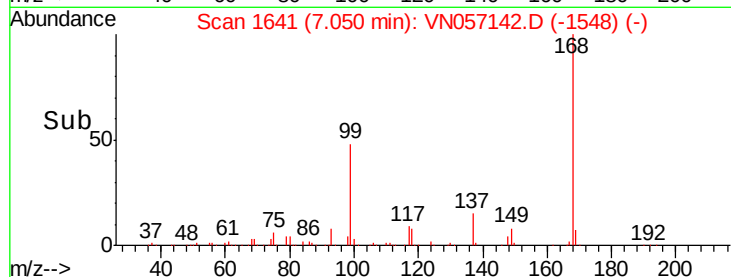
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 44.591 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057142.D

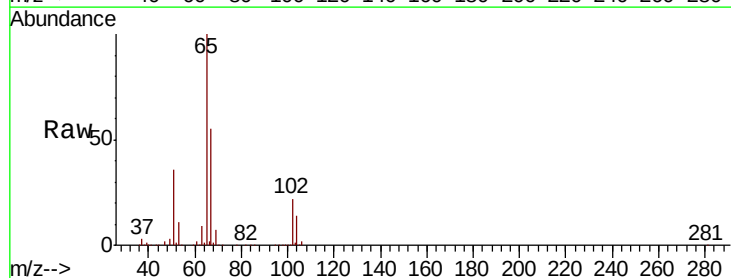
Acq: 9 Aug 2019 13:24

Tgt Ion: 65 Resp: 650338

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.44

300000

250000

200000

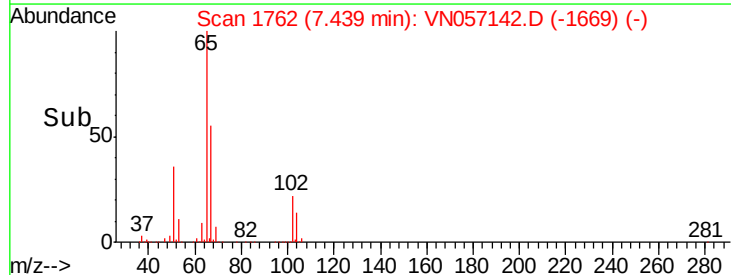
150000

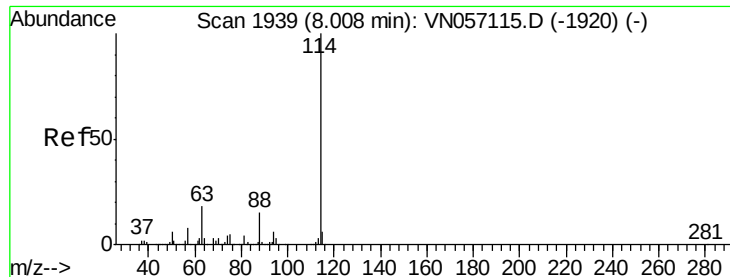
100000

50000

0

Time--> 7.40 7.50

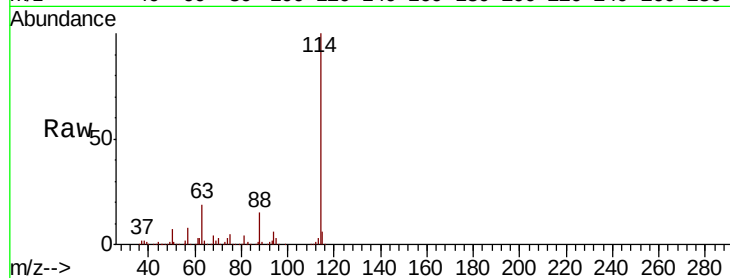




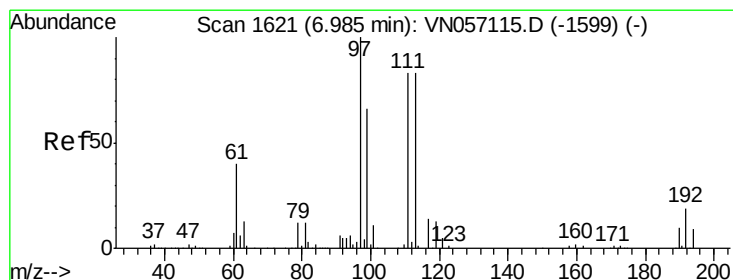
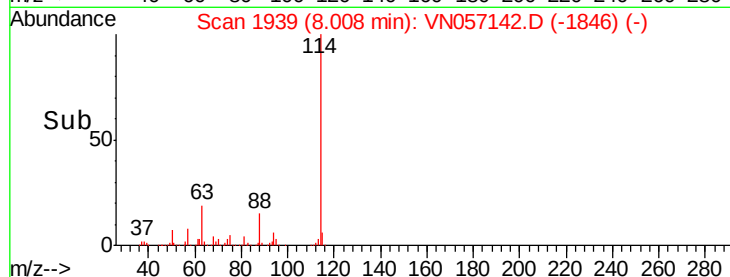
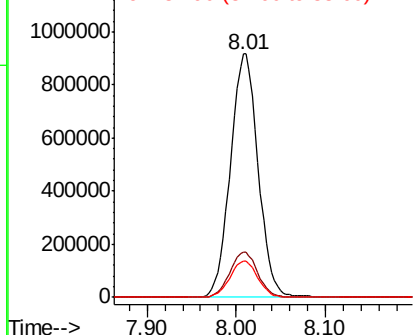
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

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

Tot Ion:114 Resp: 1973338
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 14.8 0.0 30.0

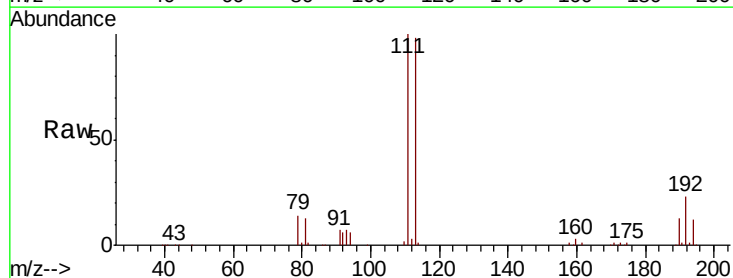


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

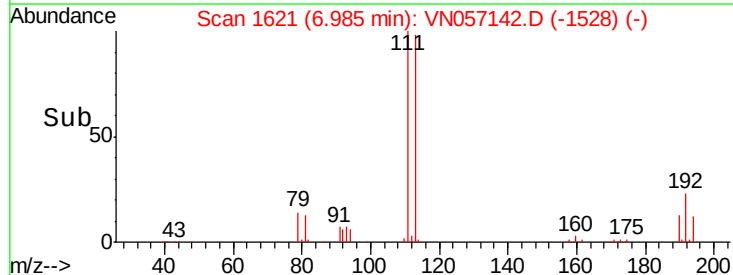
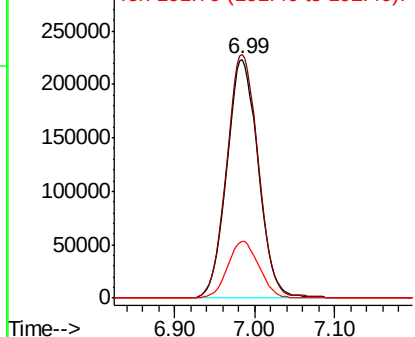


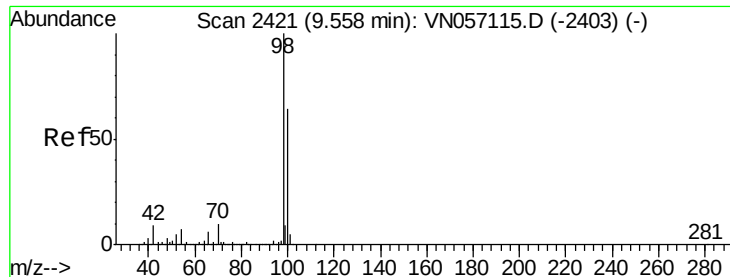
#35
 Dibromofluoromethane
 Concen: 48.203 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057142.D
 Acq: 9 Aug 2019 13:24

Tgt Ion:113 Resp: 596902
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.3 121.9
 192 23.8 19.0 28.4



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: 48.301 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

Instrument :

MSVOA_N

ClientSampleId :

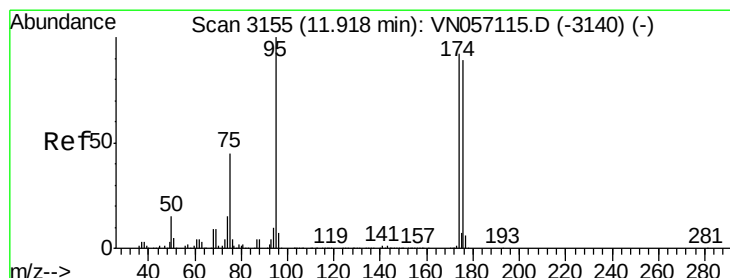
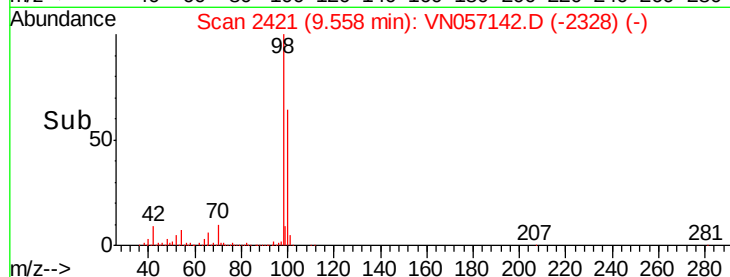
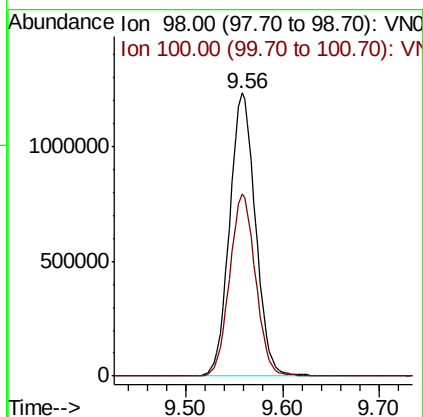
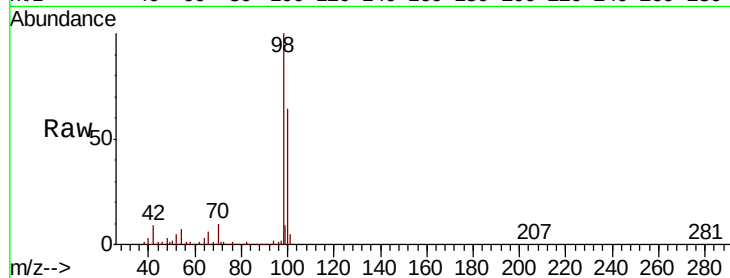
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 2288253

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 37.825 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057142.D

Acq: 9 Aug 2019 13:24

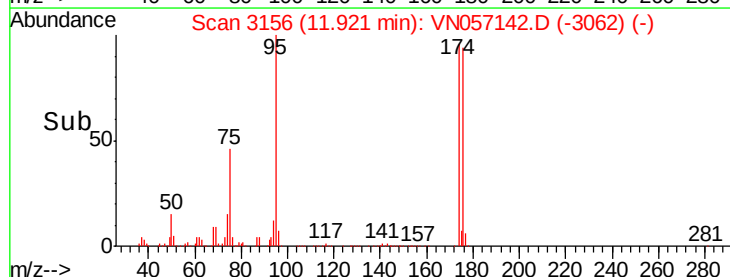
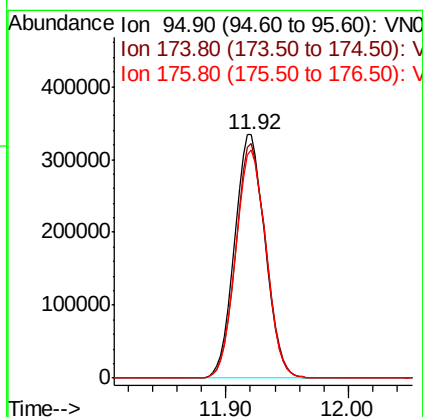
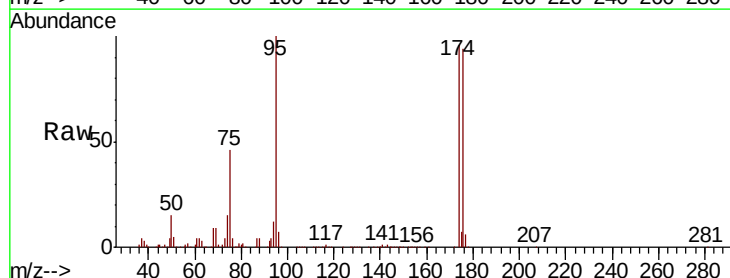
Tgt Ion: 95 Resp: 577382

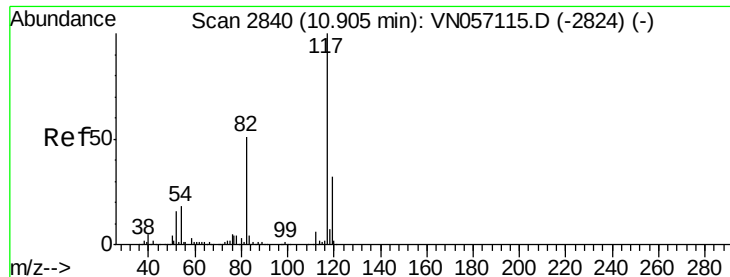
Ion Ratio Lower Upper

95 100

174 94.8 0.0 185.0

176 93.1 0.0 181.2

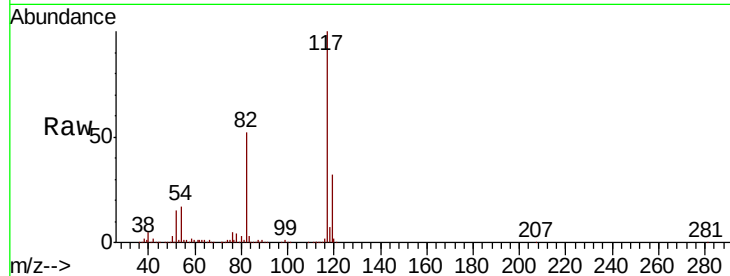




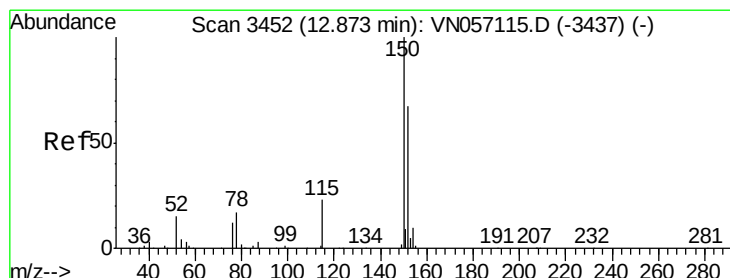
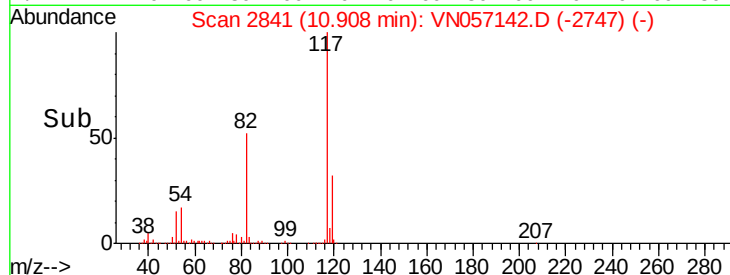
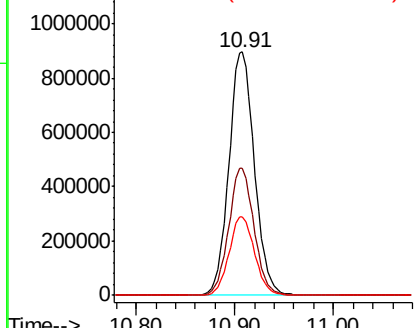
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

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

Tot Ion:117 Resp: 1621502
Ion Ratio Lower Upper
117 100
82 52.2 40.8 61.2
119 32.2 25.7 38.5

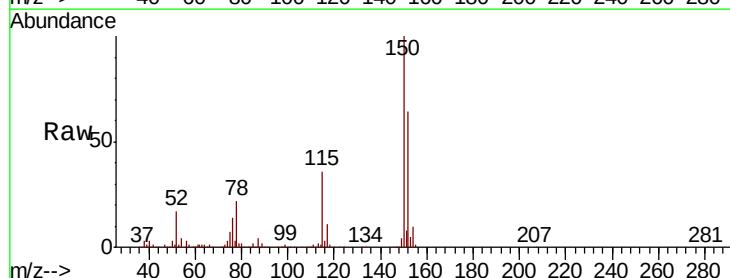


Abundance Ion 116.90 (116.60 to 117.60): V
1200000 Ion 82.00 (81.70 to 82.70): V
1000000 Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057142.D
Acq: 9 Aug 2019 13:24

Tgt Ion:152 Resp: 385350
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.5
150 157.8 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
500000 Ion 114.90 (114.60 to 115.60): V
400000 Ion 149.90 (149.60 to 150.60): V

