

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059066.D
 Acq On : 1 Nov 2019 16:42
 Operator : JC/SP
 Sample : K5612-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GL-STOCKPILE

Quant Time: Nov 02 05:56:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

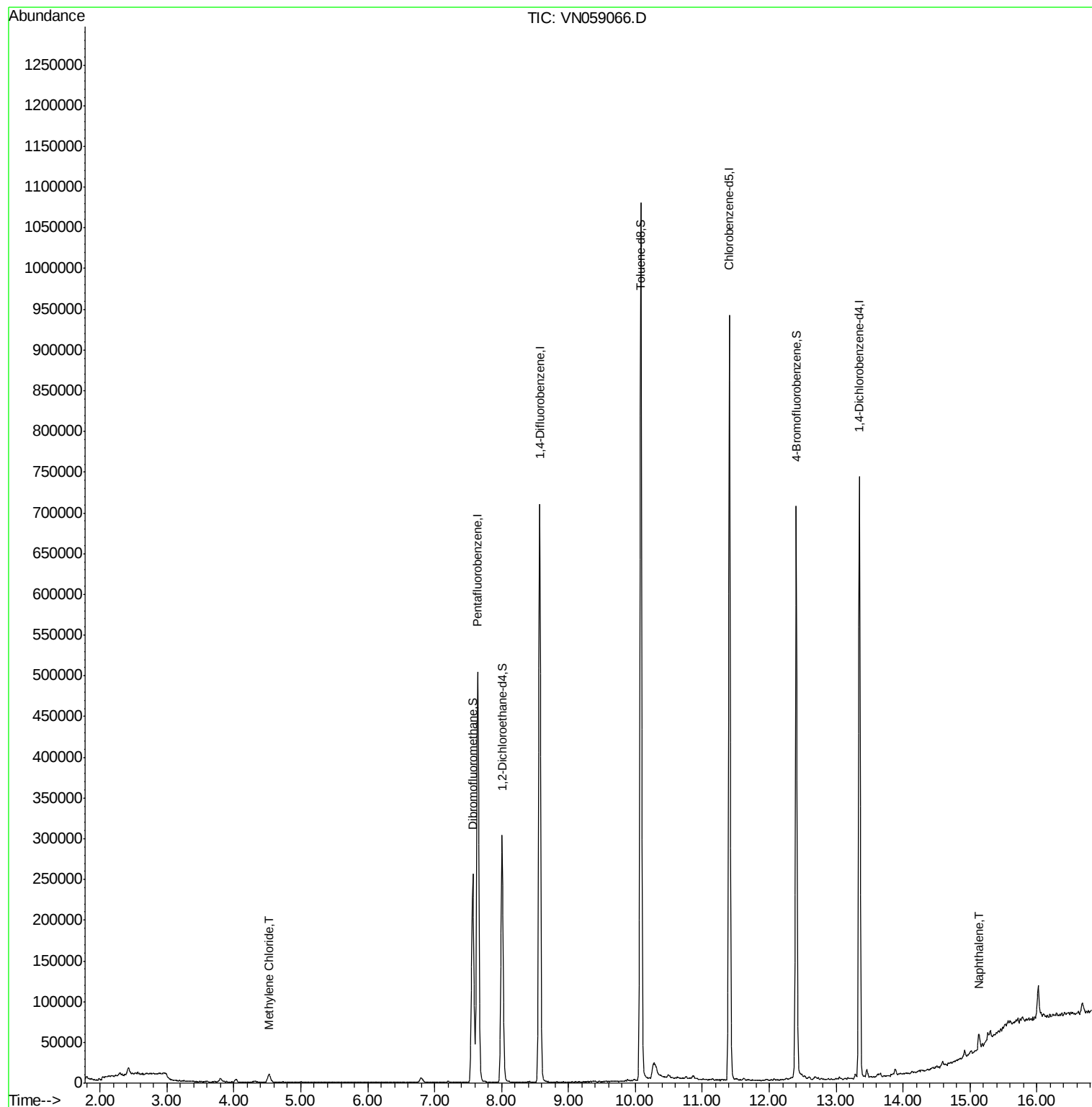
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	402949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	621653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	260737	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	7.57	113	196952	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.08	98	755287	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.40	95	241581	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
Target Compounds						
20) Methylene Chloride	4.53	84	7748	1.638	ug/l	95
95) Naphthalene	15.13	128	13378	4.148	ug/l	95

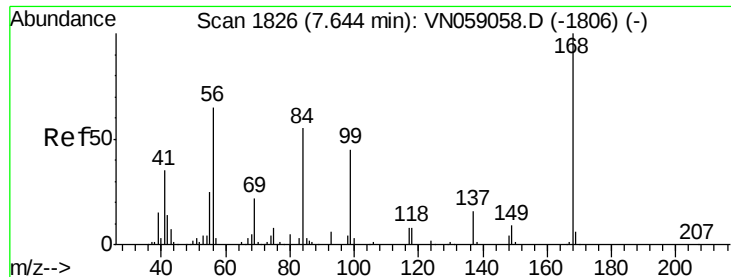
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
Data File : VN059066.D
Acq On : 1 Nov 2019 16:42
Operator : JC/SP
Sample : K5612-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GL-STOCKPILE

Quant Time: Nov 02 05:56:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

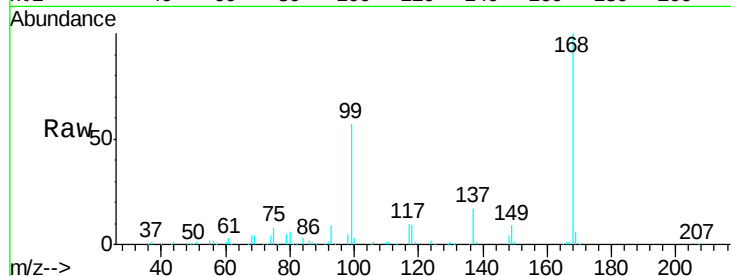
GL-STOCKPILE

Tgt Ion:168 Resp: 402949

Ion Ratio Lower Upper

168 100

99 57.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

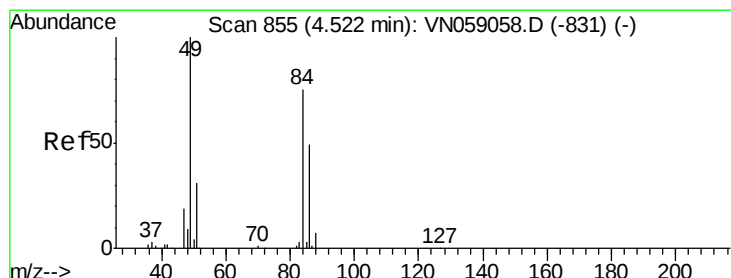
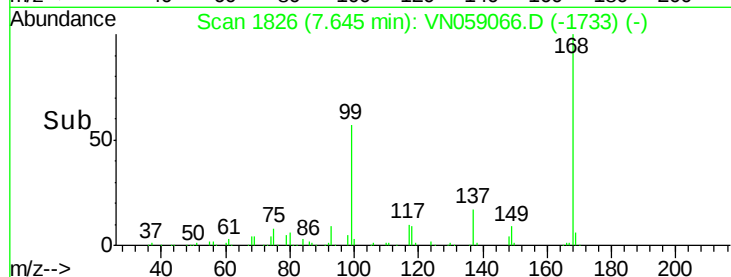
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.638 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

Tgt Ion: 84 Resp: 7748

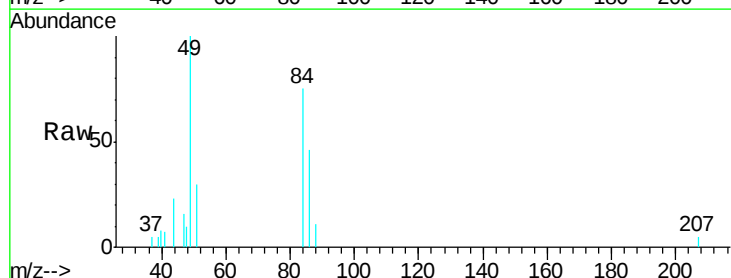
Ion Ratio Lower Upper

84 100

49 126.0 106.4 159.6

51 39.5 33.0 49.4

86 61.5 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.53

3000

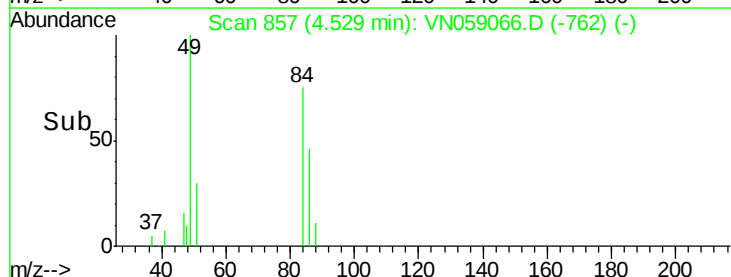
2000

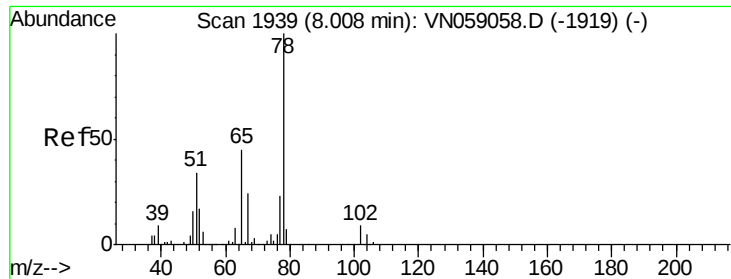
1000

0

4.45 4.50 4.55 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.858 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

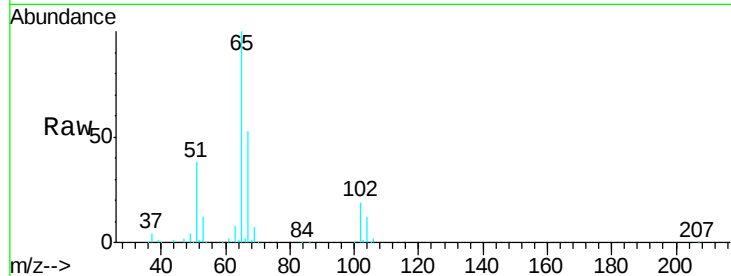
GL-STOCKPILE

Tgt Ion: 65 Resp: 260737

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN059058.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN059058.D (-1919) (-)

8.01

120000

100000

80000

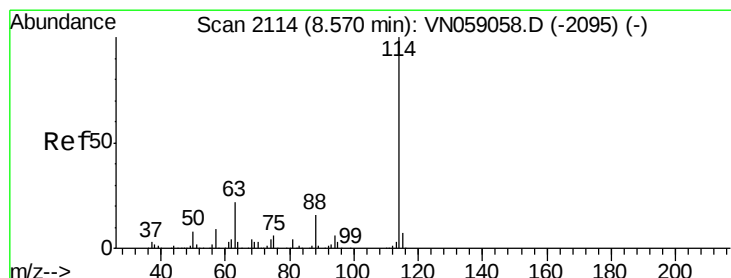
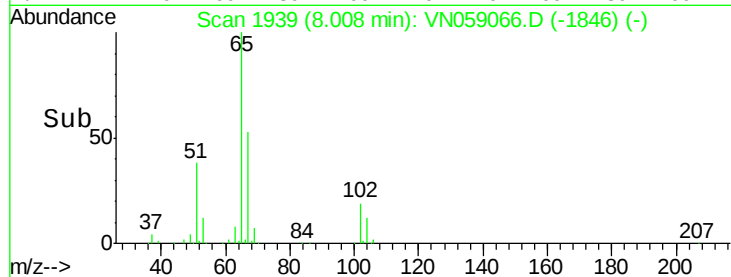
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

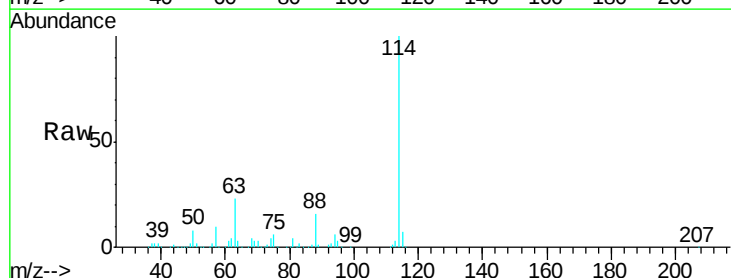
Tgt Ion: 114 Resp: 621653

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.2

88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN059058.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN059058.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN059058.D (-2095) (-)

8.57

400000

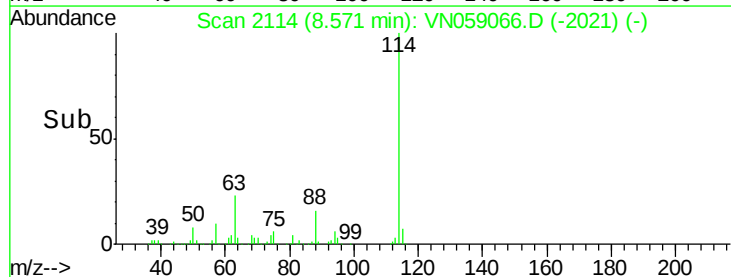
300000

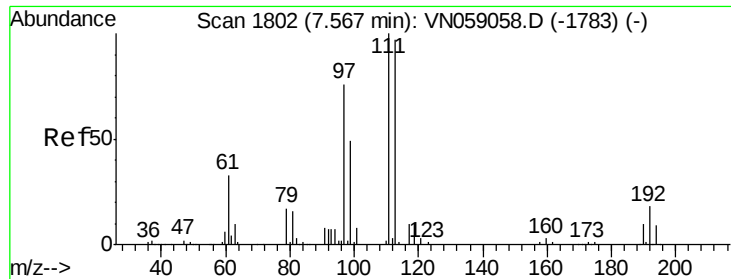
200000

100000

0

Time-->

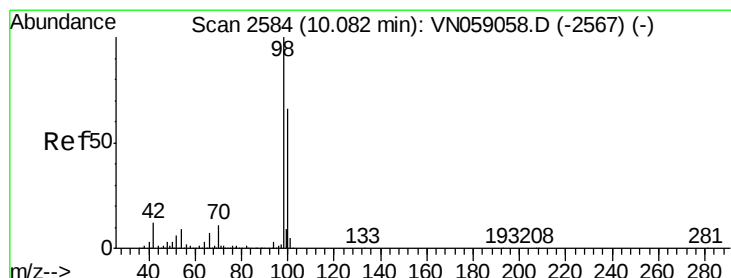
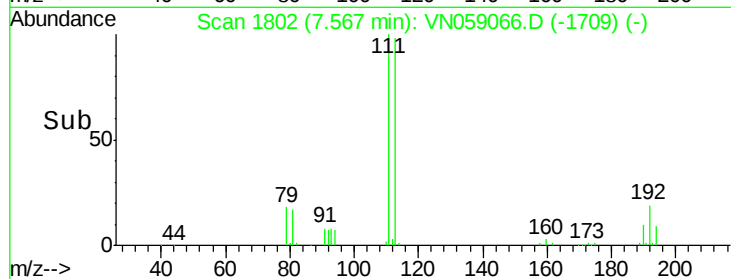
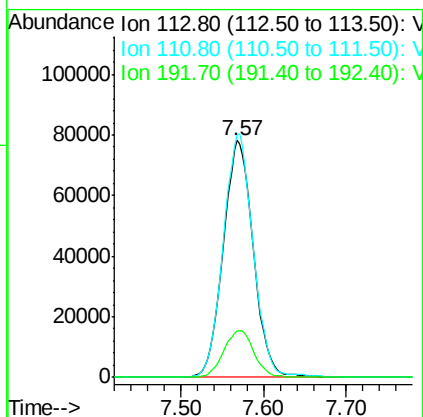
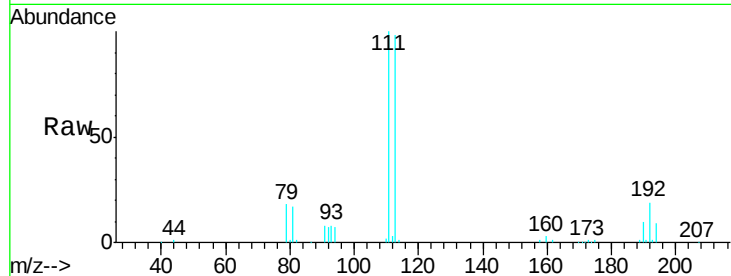




#35
Dibromofluoromethane
Concen: 49.110 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059066.D
Acq: 1 Nov 2019 16:42

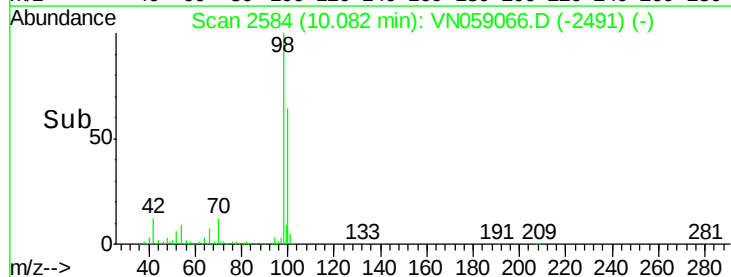
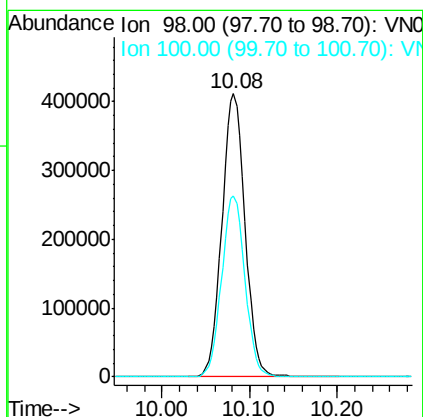
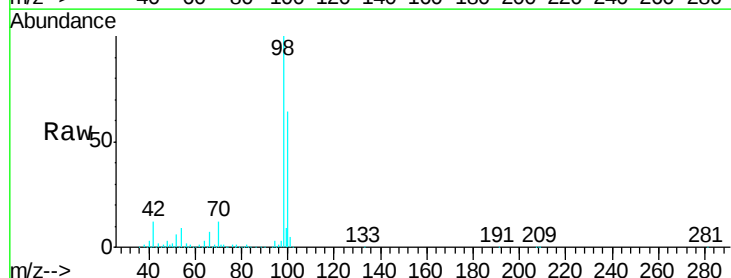
Instrument :
MSVOA_N
ClientSampleId :
GL-STOCKPILE

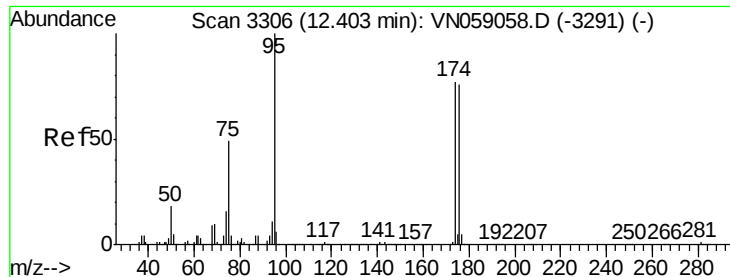
Tgt Ion:113 Resp: 196952
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 19.9 15.9 23.9



#50
Toluene-d8
Concen: 48.373 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059066.D
Acq: 1 Nov 2019 16:42

Tgt Ion: 98 Resp: 755287
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 43.042 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

GL-STOCKPILE

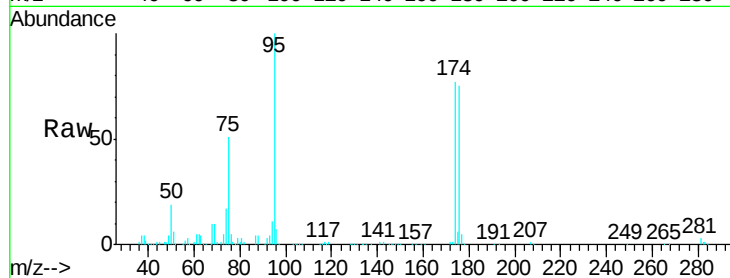
Tgt Ion: 95 Resp: 241581

Ion Ratio Lower Upper

95 100

174 77.4 0.0 155.8

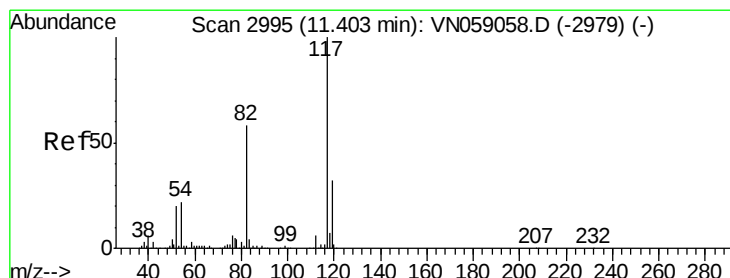
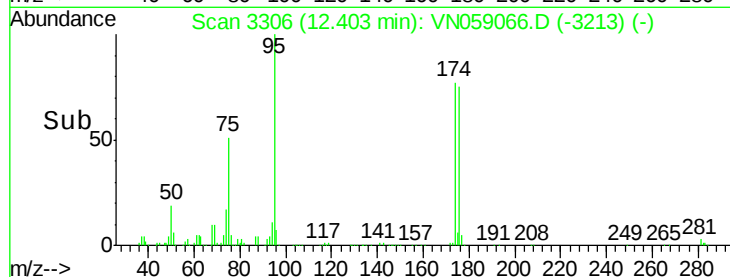
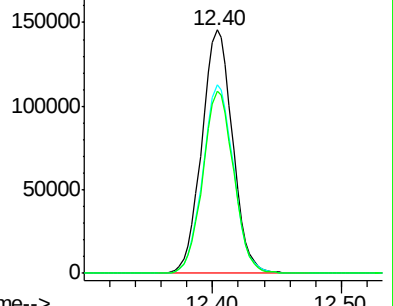
176 75.2 0.0 151.6



Abundance Ion 94.90 (94.60 to 95.60): VN059058.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059058.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059058.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

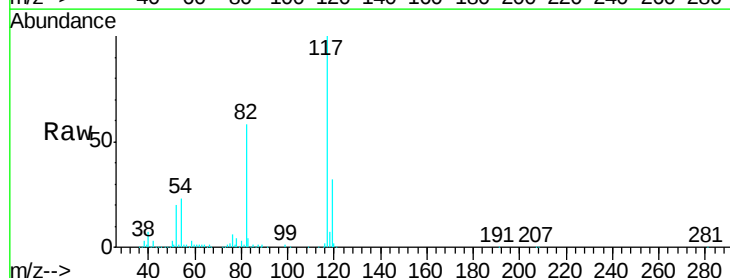
Tgt Ion: 117 Resp: 539553

Ion Ratio Lower Upper

117 100

82 58.2 46.0 69.0

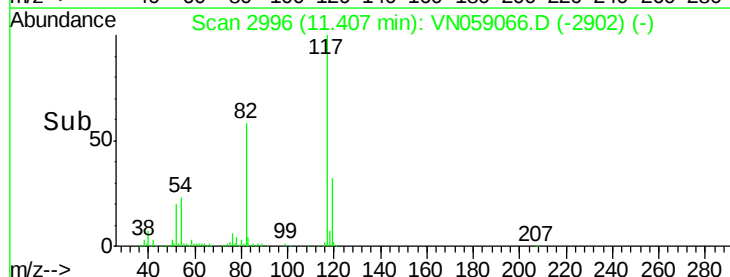
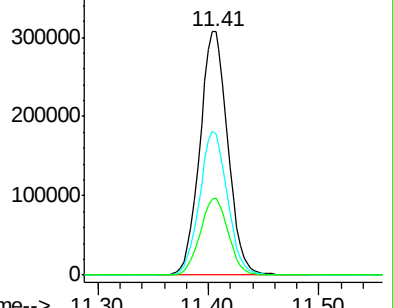
119 31.8 25.6 38.4

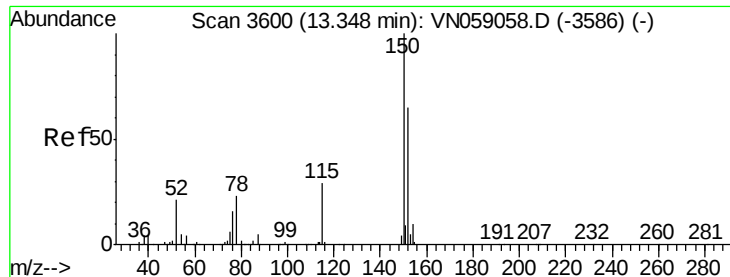


Abundance Ion 116.90 (116.60 to 117.60): VN059058.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059058.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059058.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

GL-STOCKPILE

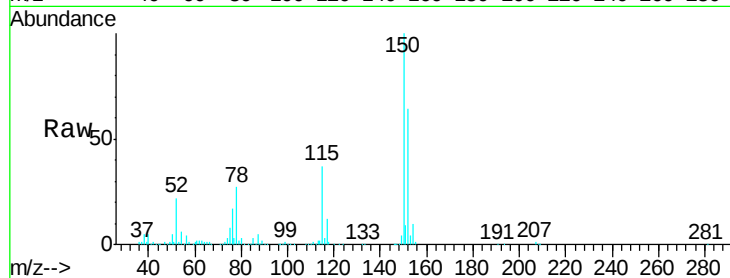
Tgt Ion:152 Resp: 197923

Ion Ratio Lower Upper

152 100

115 60.0 29.6 88.9

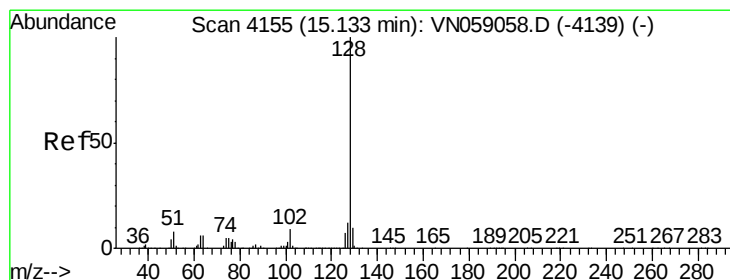
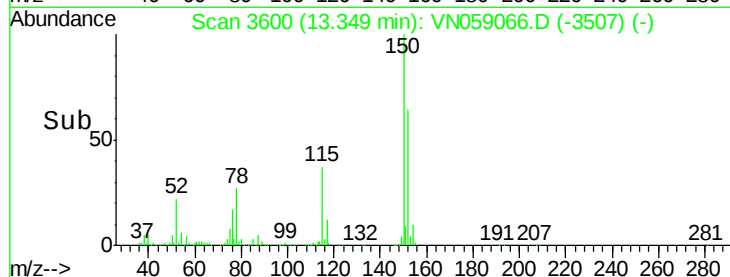
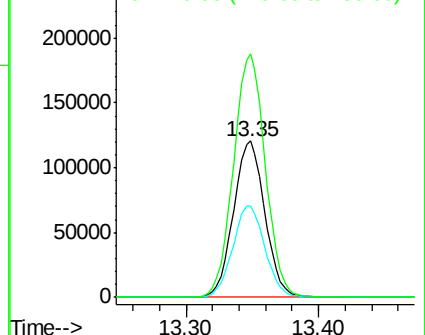
150 157.9 0.0 345.8



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



#95

Naphthalene

Concen: 4.148 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059066.D

Acq: 1 Nov 2019 16:42

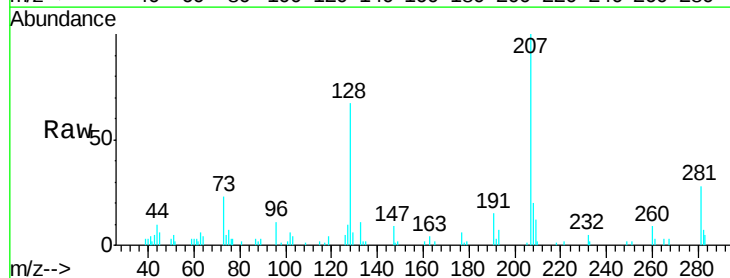
Tgt Ion:128 Resp: 13378

Ion Ratio Lower Upper

128 100

127 14.2 9.9 14.9

129 8.5 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

