

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
 Data File : VN059077.D
 Acq On : 4 Nov 2019 11:34
 Operator : JC/SP
 Sample : K5612-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GL-STOCKPILE

Quant Time: Nov 05 02:46:23 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

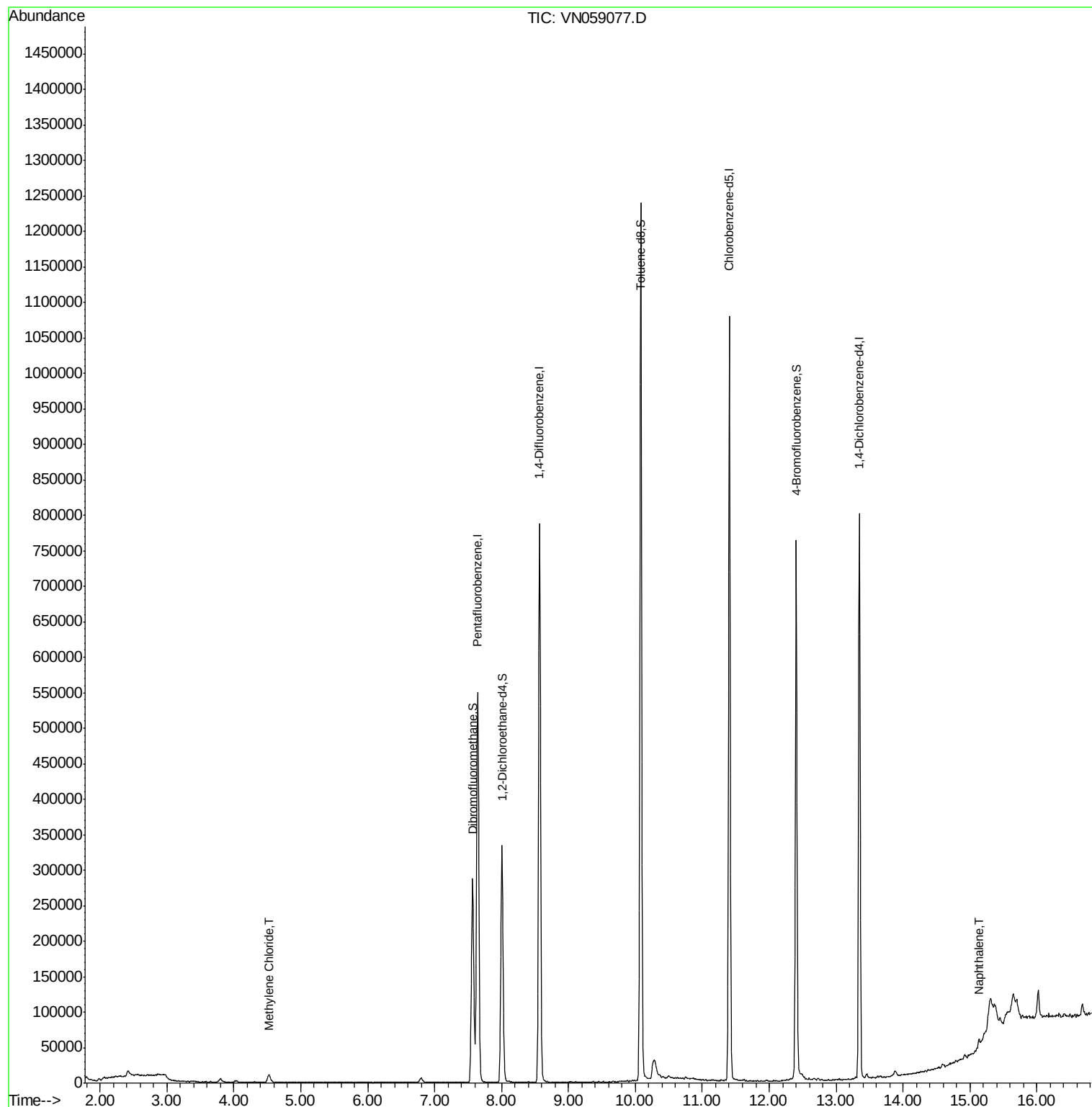
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	452820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	705033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	614891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	292311	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.57	113	221957	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	10.08	98	858116	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	268812	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
Target Compounds						
20) Methylene Chloride	4.52	84	8563	1.611	ug/l	91
95) Naphthalene	15.13	128	8916	3.694	ug/l	98

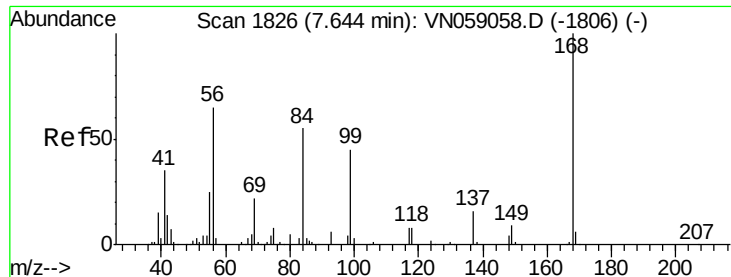
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 02 05:43:23 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059077.D

Acq: 4 Nov 2019 11:34

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MSVOA_N

ClientSampleId :

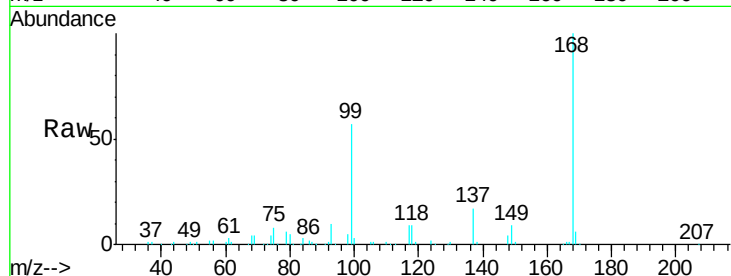
GL-STOCKPILE

Tgt Ion:168 Resp: 452820

Ion Ratio Lower Upper

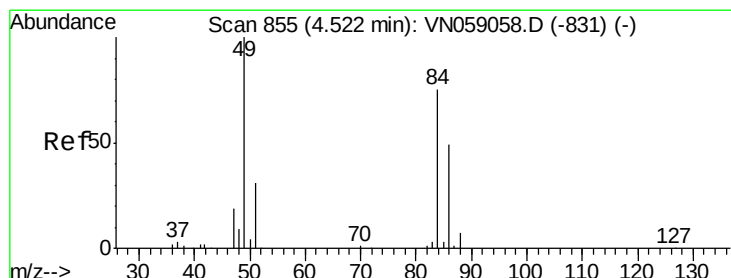
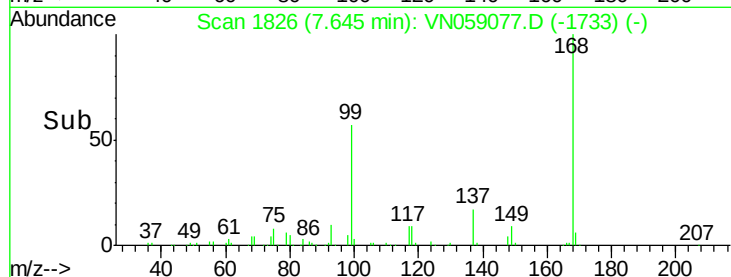
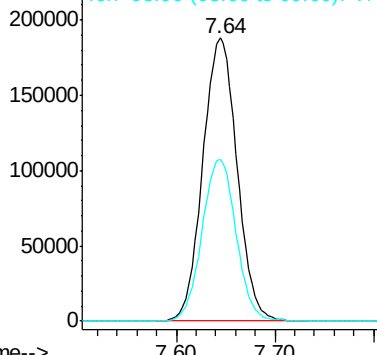
168 100

99 57.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.611 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059077.D

Acq: 4 Nov 2019 11:34

Tgt Ion: 84 Resp: 8563

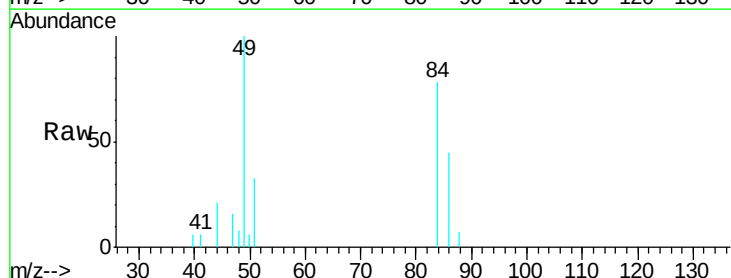
Ion Ratio Lower Upper

84 100

49 120.9 106.4 159.6

51 42.6 33.0 49.4

86 57.5 52.0 78.0

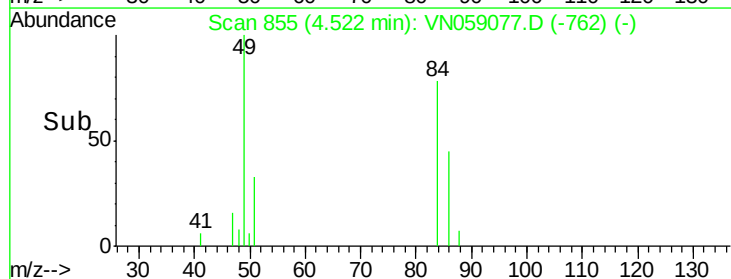
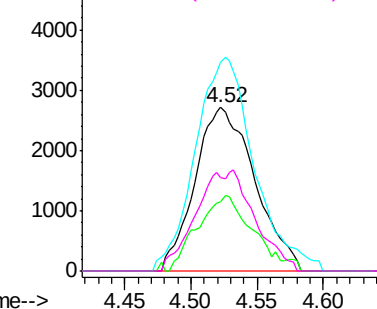


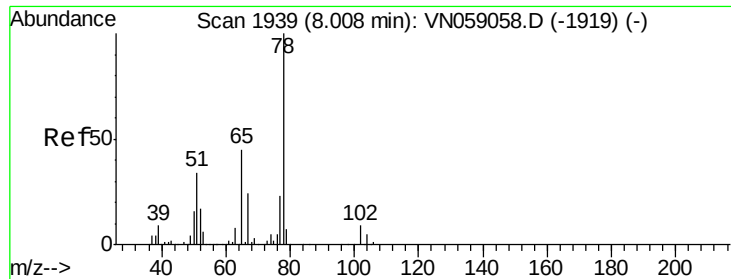
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

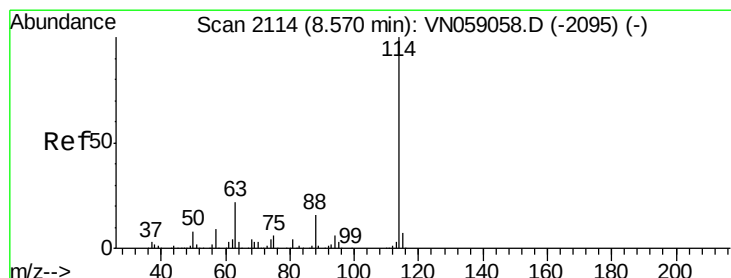
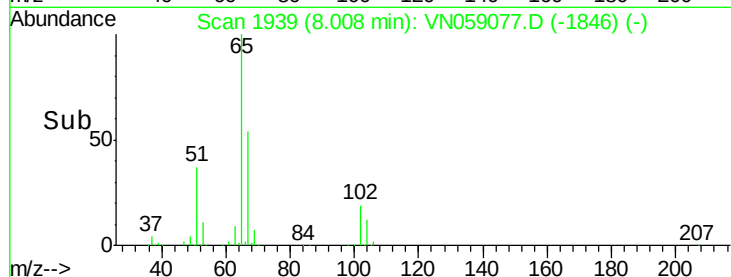
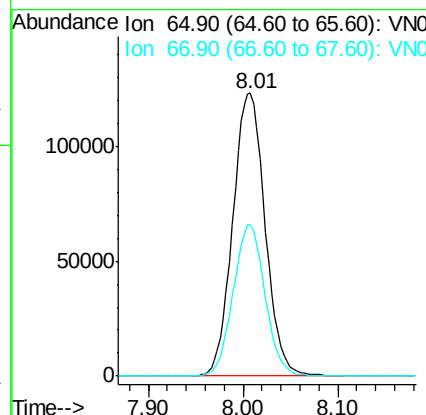
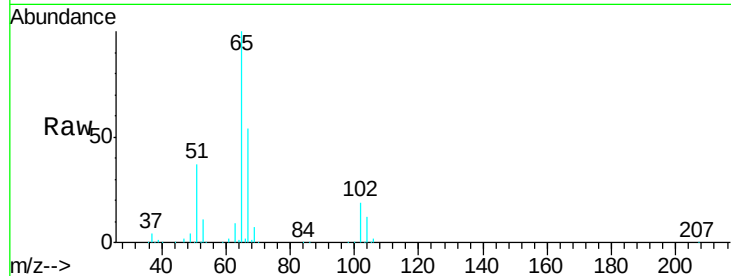




#33
 1,2-Dichloroethane-d4
 Concen: 48.742 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059077.D
 Acq: 4 Nov 2019 11:34

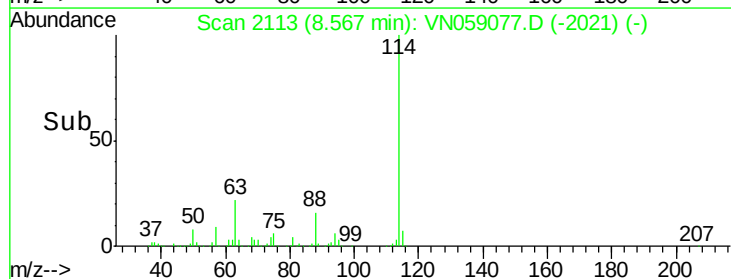
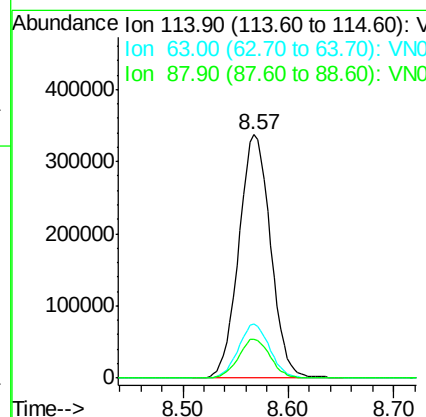
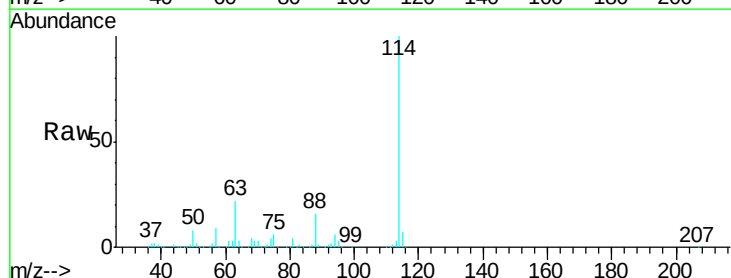
Instrument :
 MSVOA_N
 ClientSampleId :
 GL-STOCKPILE

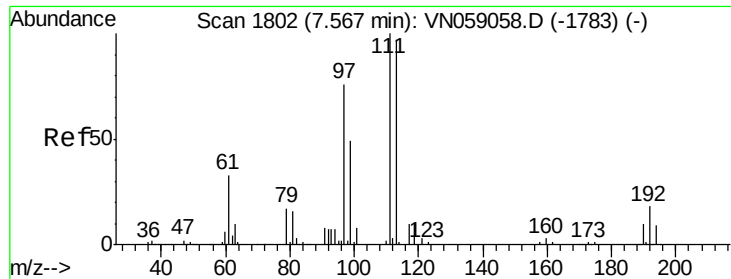
Tgt Ion: 65 Resp: 292311
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059077.D
 Acq: 4 Nov 2019 11:34

Tgt Ion: 114 Resp: 705033
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 15.9 0.0 33.0

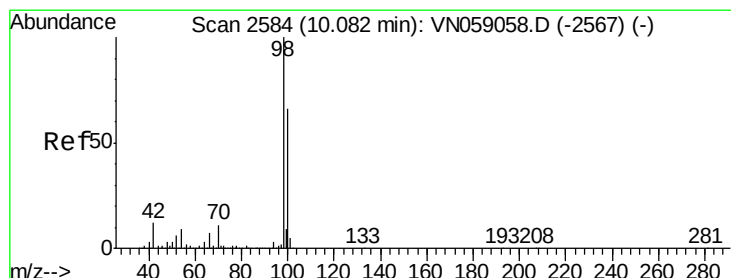
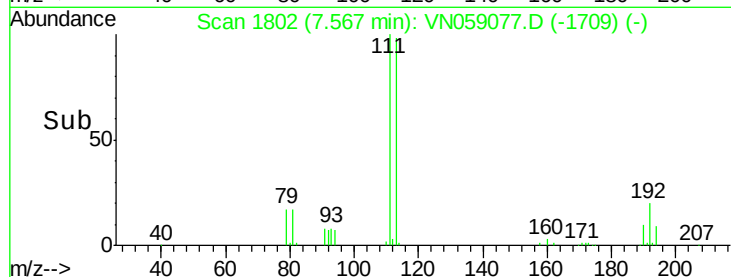
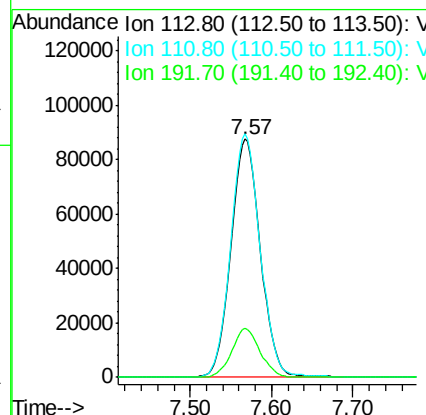
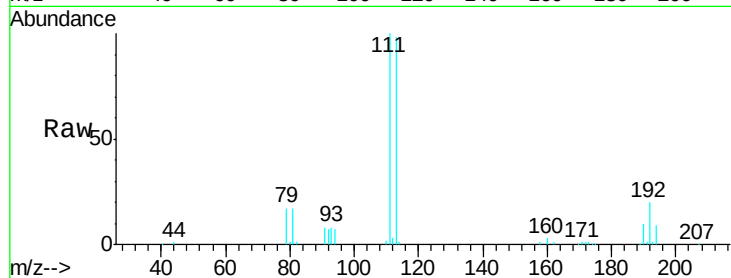




#35
 Dibromofluoromethane
 Concen: 48.800 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059077.D
 Acq: 4 Nov 2019 11:34

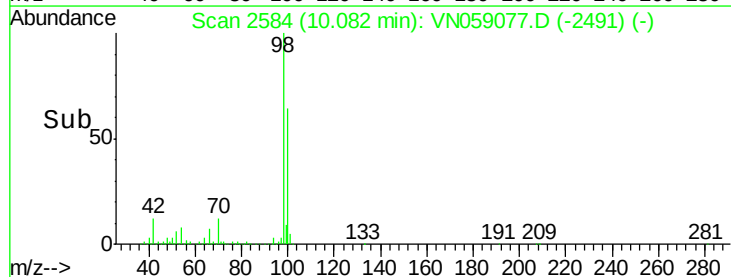
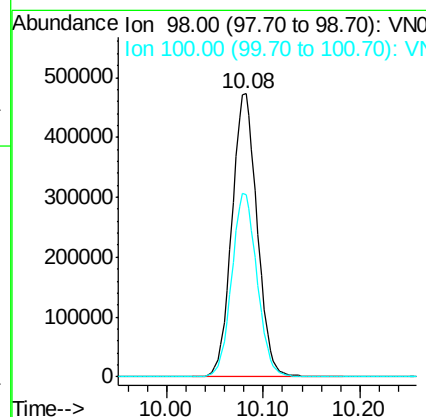
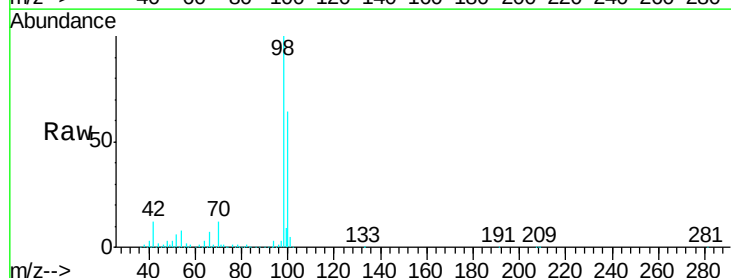
Instrument :
 MSVOA_N
 ClientSampleId :
 GL-STOCKPILE

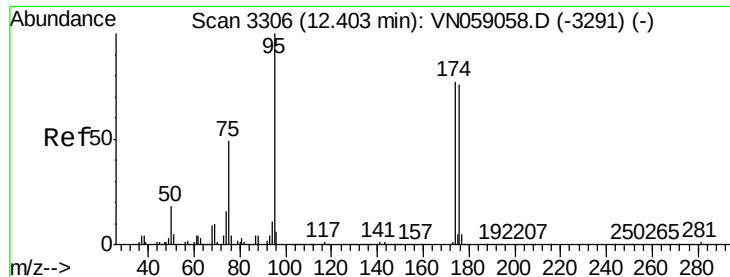
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	19.8	15.9	23.9



#50
 Toluene-d8
 Concen: 48.459 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN059077.D
 Acq: 4 Nov 2019 11:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 42.230 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059077.D

Acq: 4 Nov 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

GL-STOCKPILE

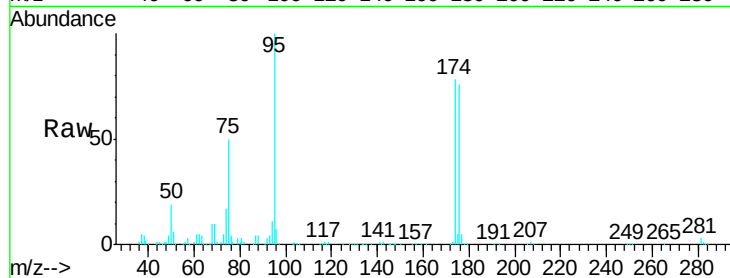
Tgt Ion: 95 Resp: 268812

Ion Ratio Lower Upper

95 100

174 76.6 0.0 155.8

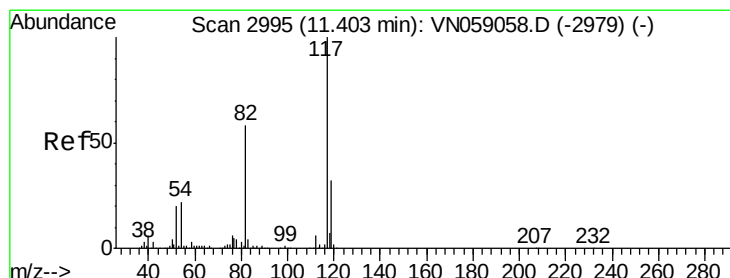
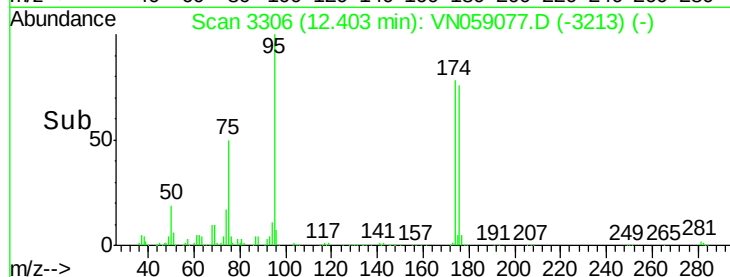
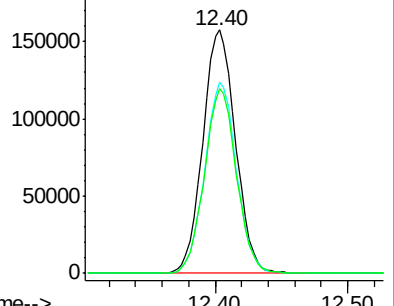
176 74.3 0.0 151.6



Abundance Ion 94.90 (94.60 to 95.60): VN059077.D (-2902) (-)

Ion 173.80 (173.50 to 174.50): VN059077.D (-2902) (-)

Ion 175.80 (175.50 to 176.50): VN059077.D (-2902) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059077.D

Acq: 4 Nov 2019 11:34

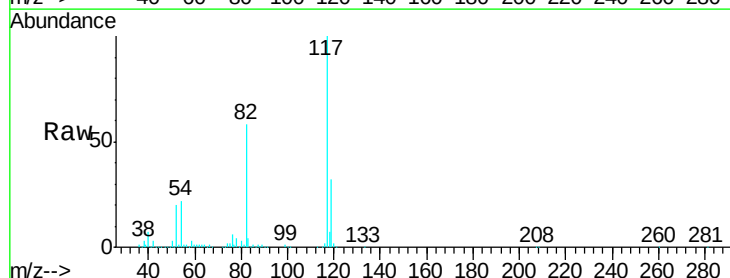
Tgt Ion: 117 Resp: 614891

Ion Ratio Lower Upper

117 100

82 58.4 46.0 69.0

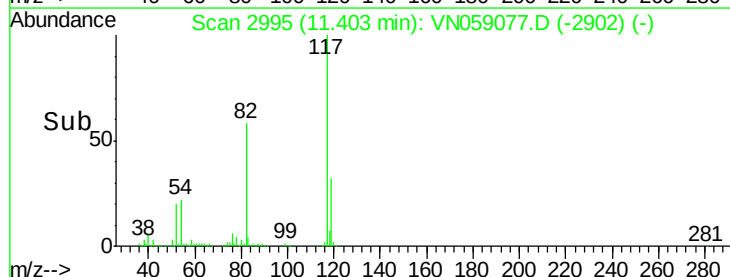
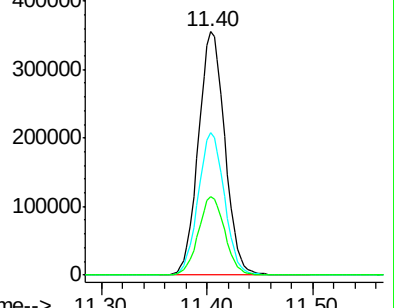
119 32.2 25.6 38.4

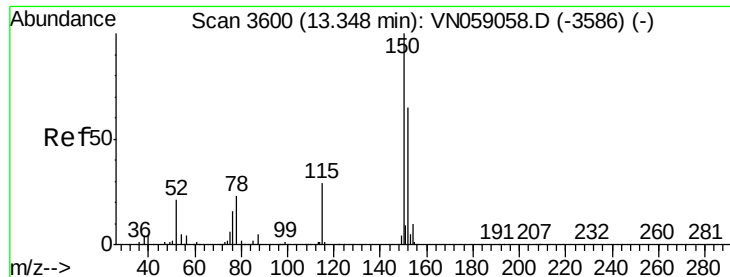


Abundance Ion 116.90 (116.60 to 117.60): VN059077.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059077.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059077.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059077.D

Acq: 4 Nov 2019 11:34

Instrument :

MSVOA_N

ClientSampled :

GL-STOCKPILE

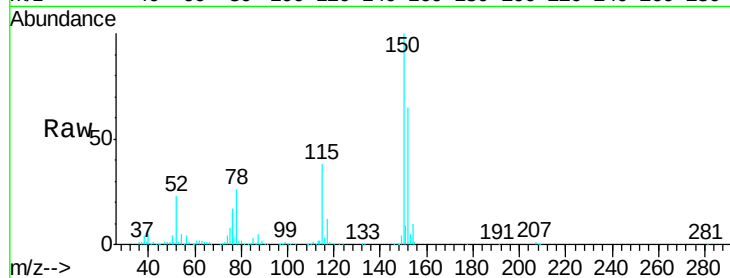
Tgt Ion:152 Resp: 216570

Ion Ratio Lower Upper

152 100

115 60.7 29.6 88.9

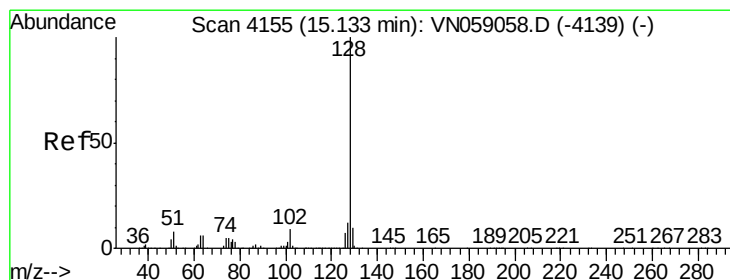
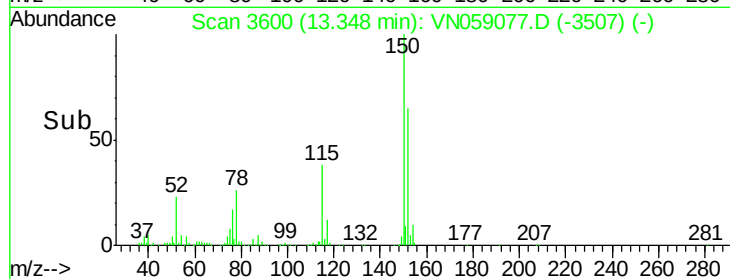
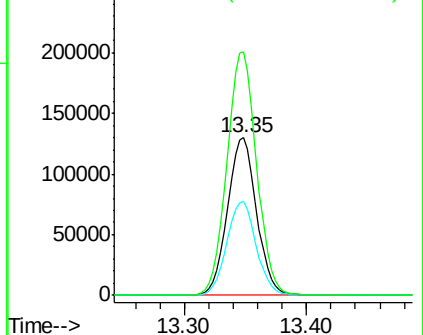
150 157.7 0.0 345.8



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: 3.694 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN059077.D

Acq: 4 Nov 2019 11:34

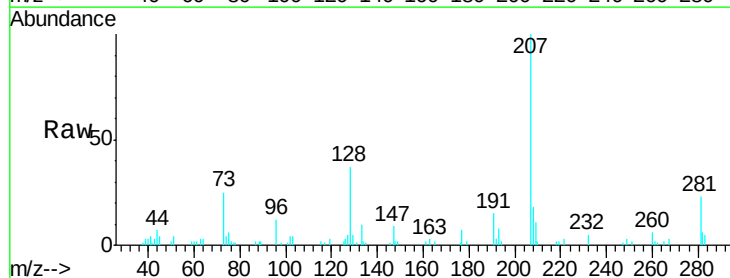
Tgt Ion:128 Resp: 8916

Ion Ratio Lower Upper

128 100

127 13.1 9.9 14.9

129 11.3 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

