

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055159.D
 Acq On : 20 Apr 2019 00:11
 Operator : JC/SP
 Sample : K2472-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Quant Time: Apr 20 05:22:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

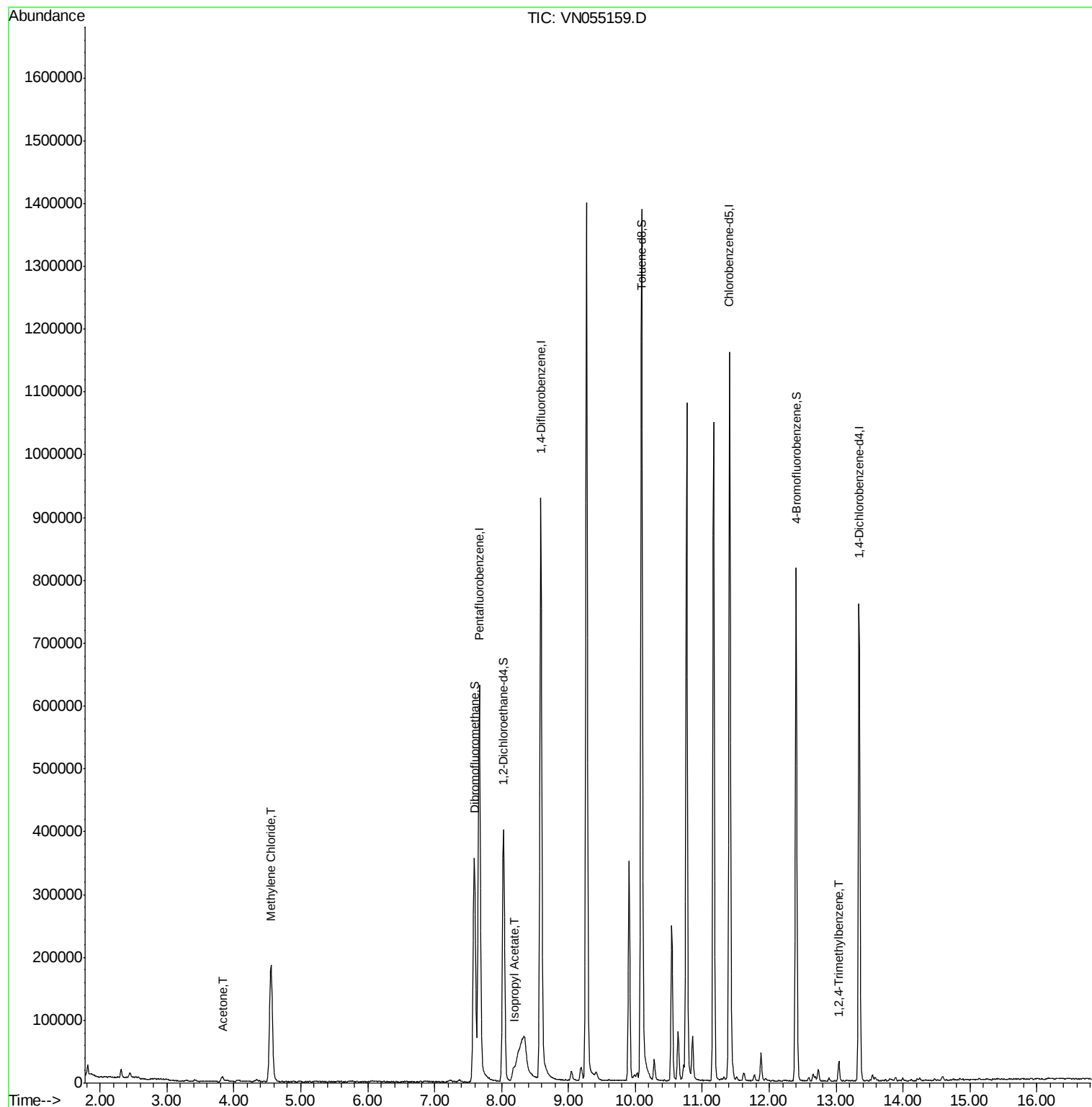
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	531313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	843135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348581	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	7.59	113	275463	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	10.09	98	1008699	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	277671	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
Target Compounds						
16) Acetone	3.83	43	14267	7.443	ug/l	96
20) Methylene Chloride	4.55	84	130653	19.389	ug/l	96
43) Isopropyl Acetate	8.18	43	18322	1.838	ug/l #	94
84) 1,2,4-Trimethylbenzene	13.04	105	17711	1.269	ug/l	98

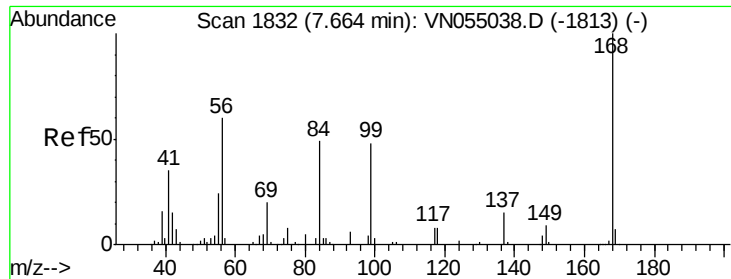
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055159.D

Acq: 20 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

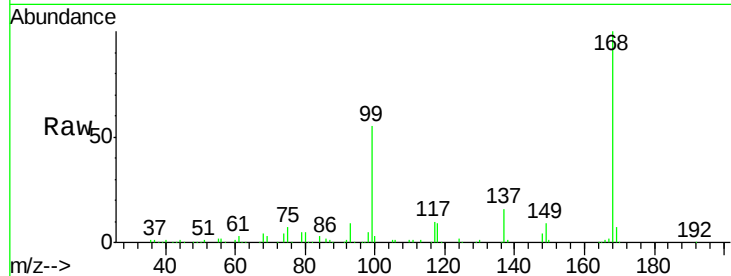
EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion:168 Resp: 531313

Ion Ratio Lower Upper

168 100

99 54.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

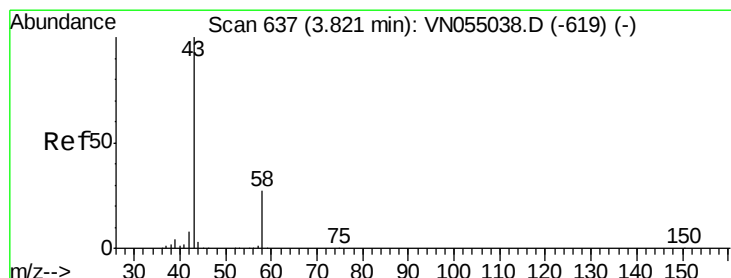
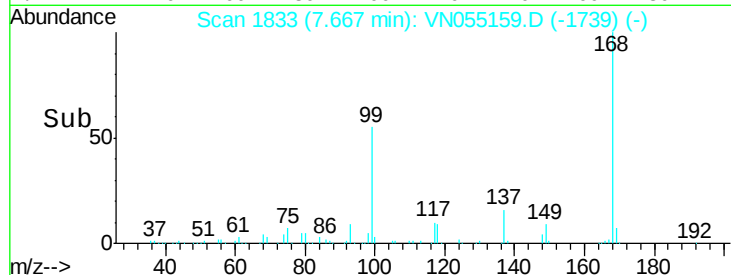
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.443 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055159.D

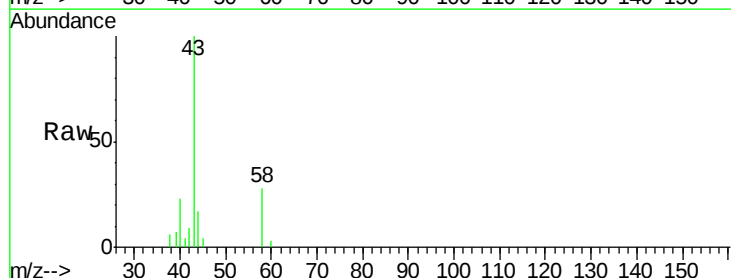
Acq: 20 Apr 2019 00:11

Tgt Ion: 43 Resp: 14267

Ion Ratio Lower Upper

43 100

58 27.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

6000

5000

4000

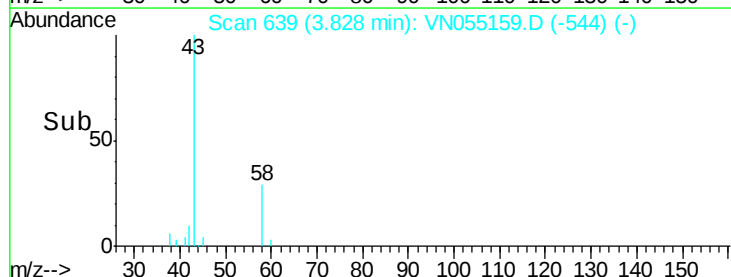
3000

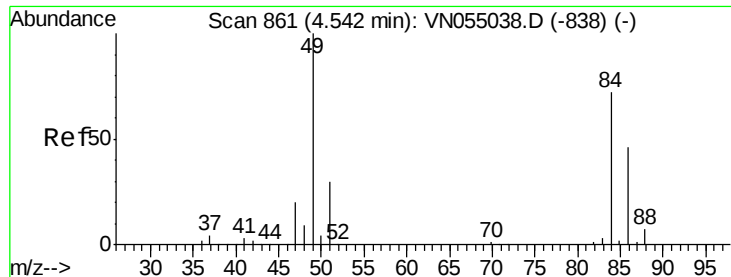
2000

1000

0

Time-->

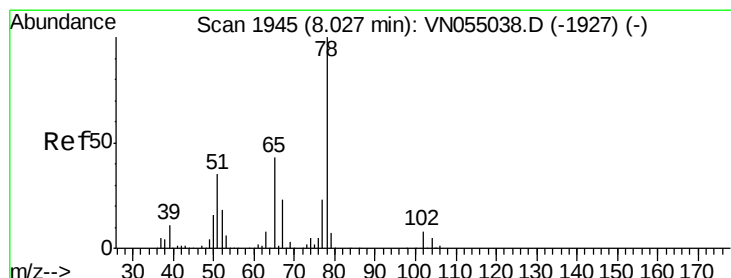
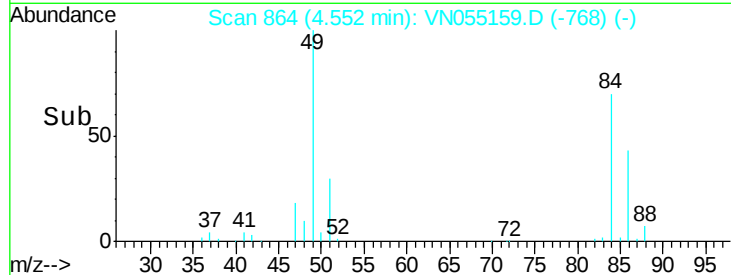
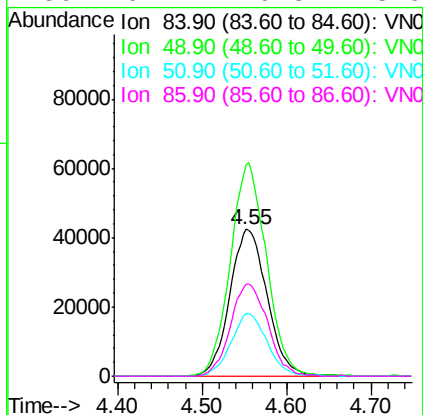
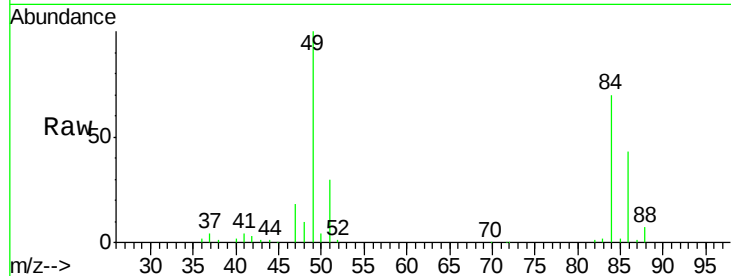




#20
Methvlene Chloride
Concen: 19.389 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055159.D
Acq: 20 Apr 2019 00:11

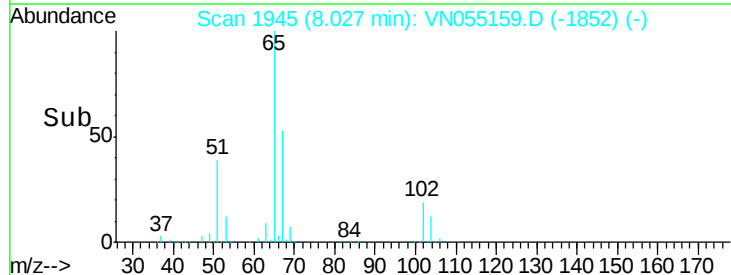
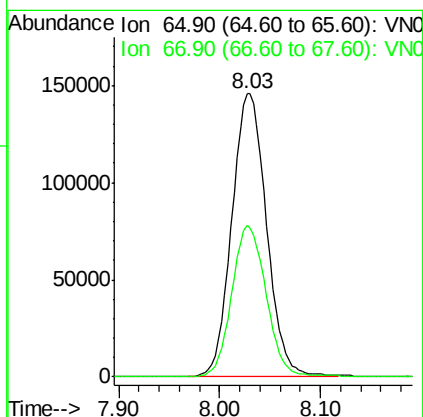
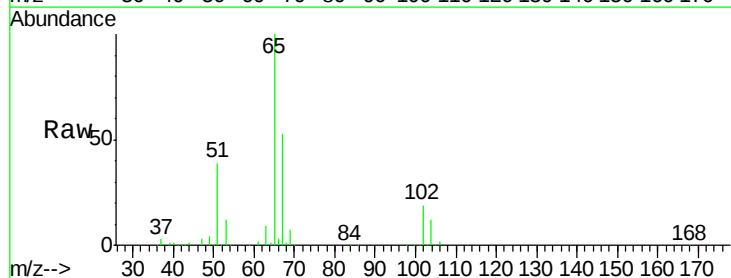
Instrument :
MSVOA_N
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

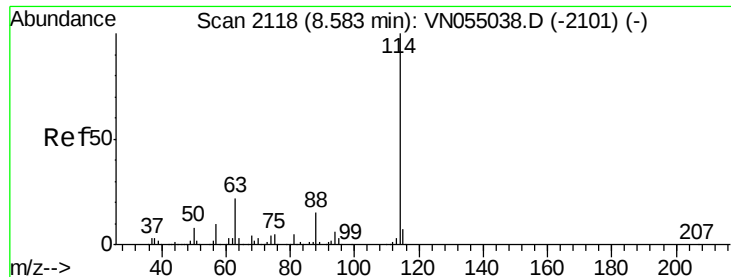
Tot Ion: 84 Resp: 130653
Ion Ratio Lower Upper
84 100
49 143.0 109.4 164.2
51 42.4 32.2 48.4
86 62.4 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 49.357 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055159.D
Acq: 20 Apr 2019 00:11

Tgt Ion: 65 Resp: 348581
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.4

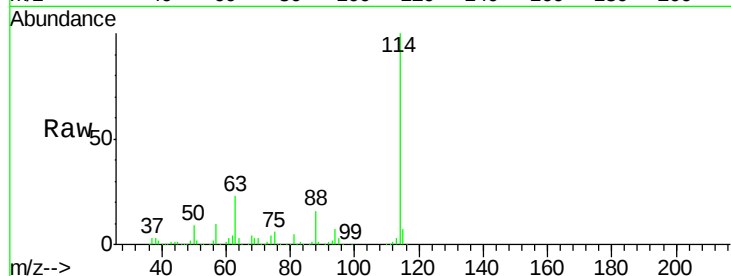




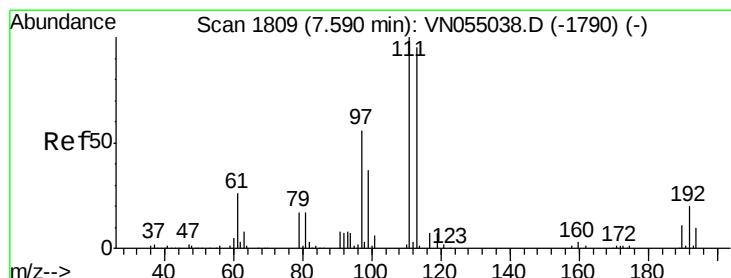
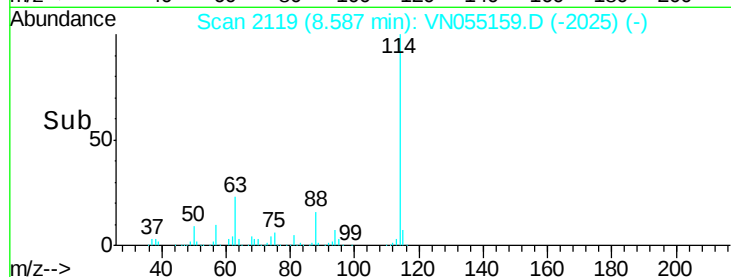
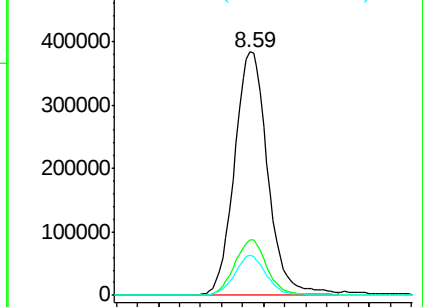
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055159.D
 Acq: 20 Apr 2019 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.2
88	16.2	0.0	31.8

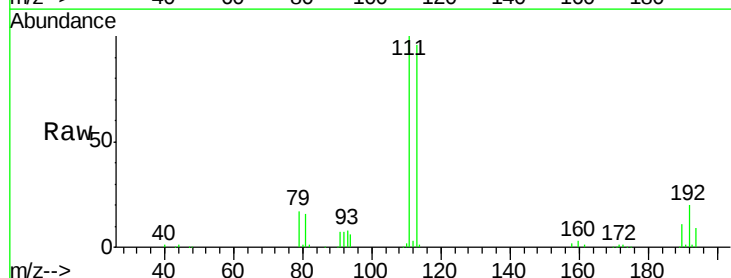


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

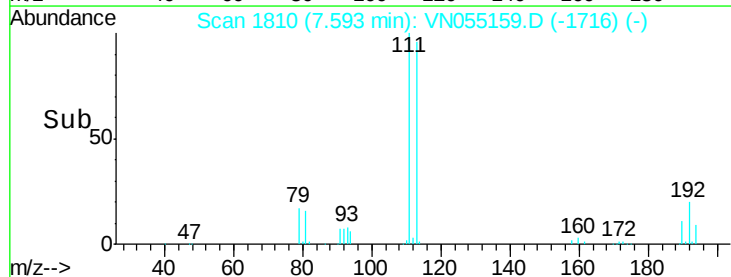
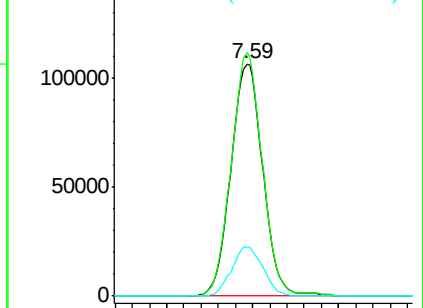


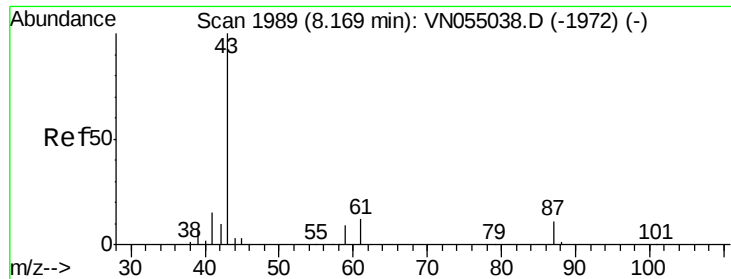
#35
 Dibromofluoromethane
 Concen: 48.887 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055159.D
 Acq: 20 Apr 2019 00:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	20.8	16.5	24.7



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





#43

Isopropyl Acetate

Concen: 1.838 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055159.D

Acq: 20 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

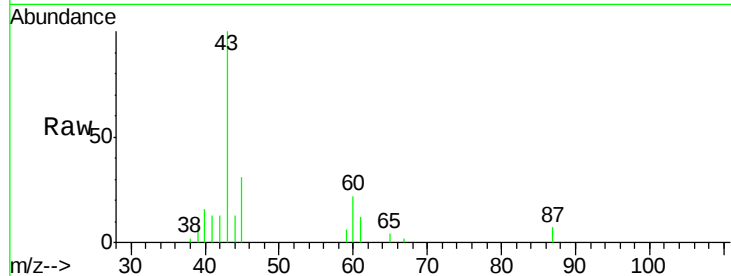
Tot Ion: 43 Resp: 18322

Ion Ratio Lower Upper

43 100

61 17.6 14.3 21.5

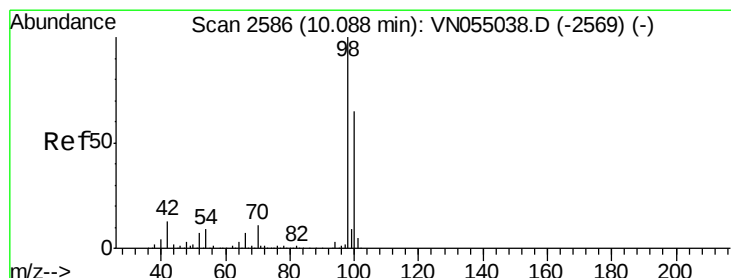
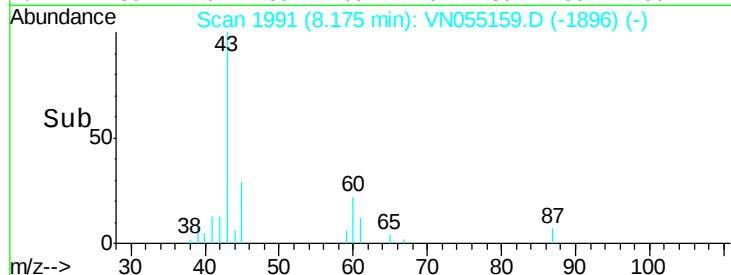
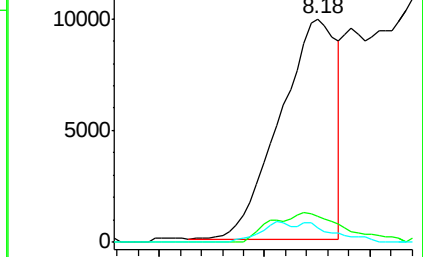
87 5.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)



#50

Toluene-d8

Concen: 50.017 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055159.D

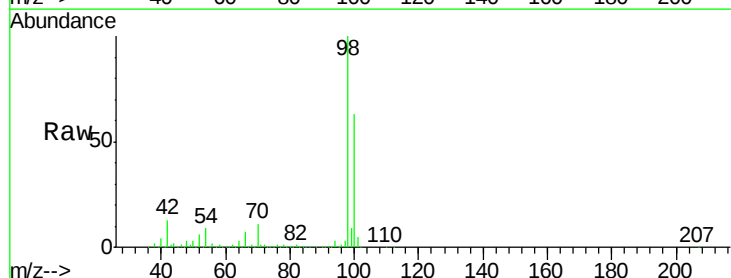
Acq: 20 Apr 2019 00:11

Tgt Ion: 98 Resp: 1008699

Ion Ratio Lower Upper

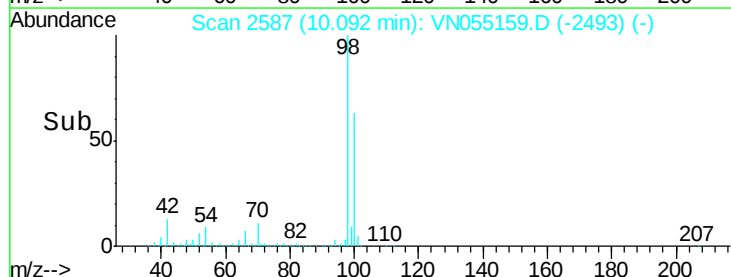
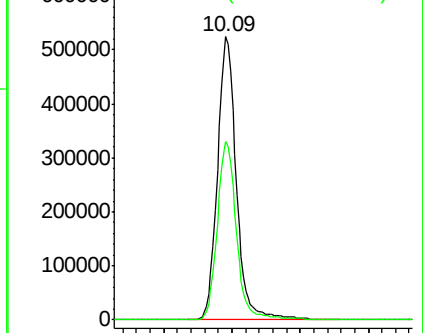
98 100

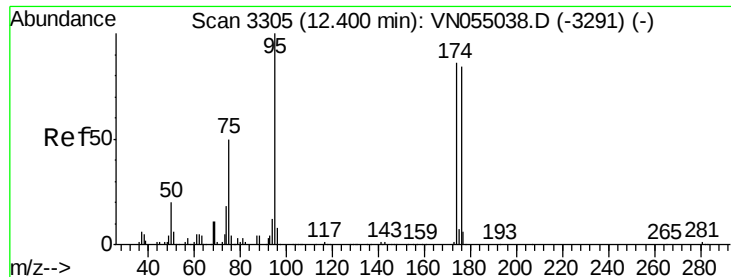
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 42.352 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055159.D

Acq: 20 Apr 2019 00:11

Instrument :

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ClientSampleId :

EXCAVATION-NEWARK-SOUTH-PIL

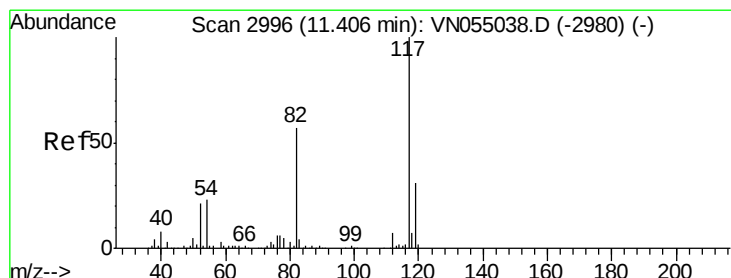
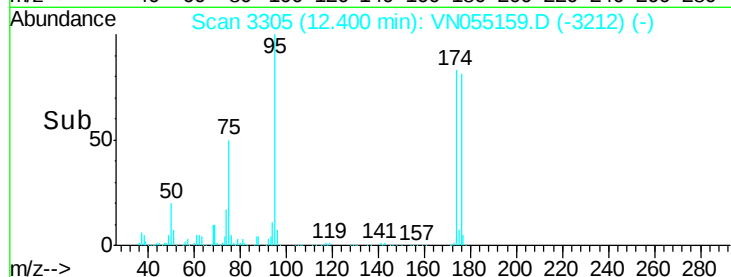
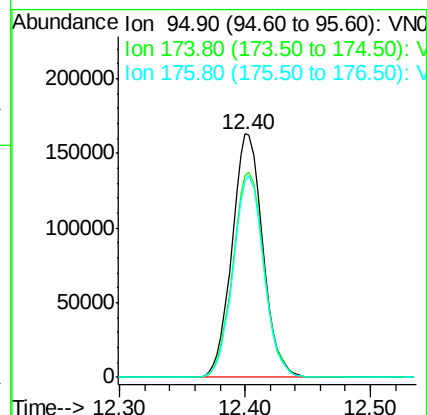
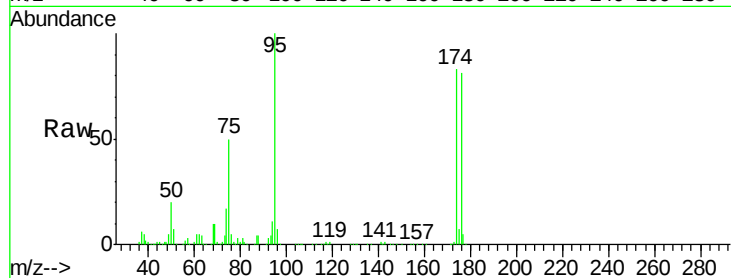
Tot Ion: 95 Resp: 277671

Ion Ratio Lower Upper

95 100

174 85.7 0.0 174.4

176 82.5 0.0 166.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055159.D

Acq: 20 Apr 2019 00:11

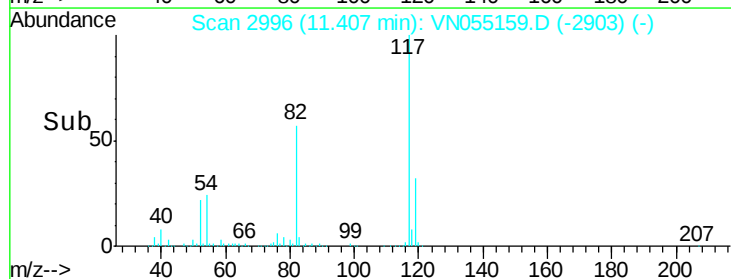
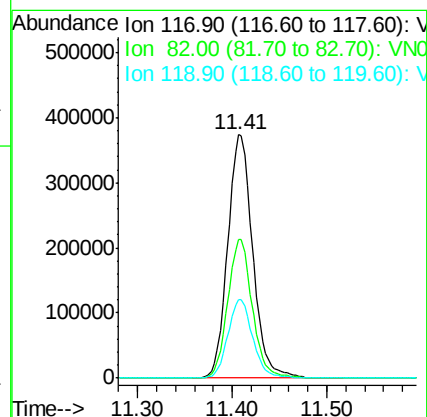
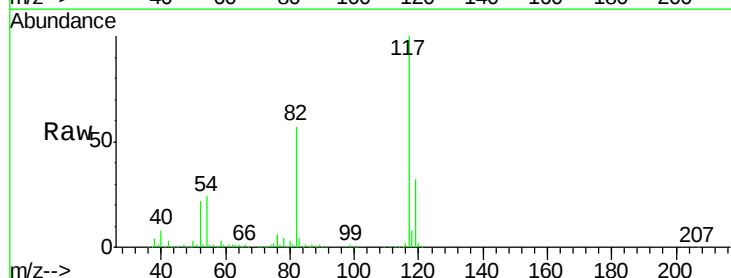
Tgt Ion: 117 Resp: 686226

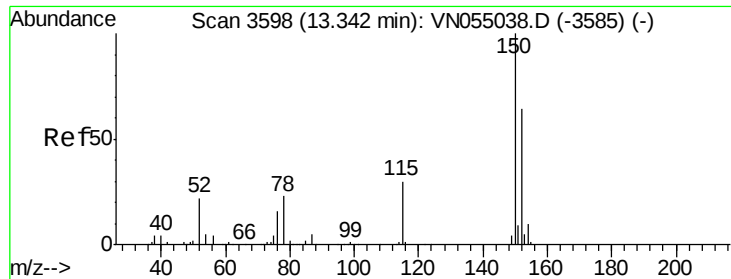
Ion Ratio Lower Upper

117 100

82 57.1 44.6 66.8

119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055159.D

Acq: 20 Apr 2019 00:11

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EXCAVATION-NEWARK-SOUTH-PIL

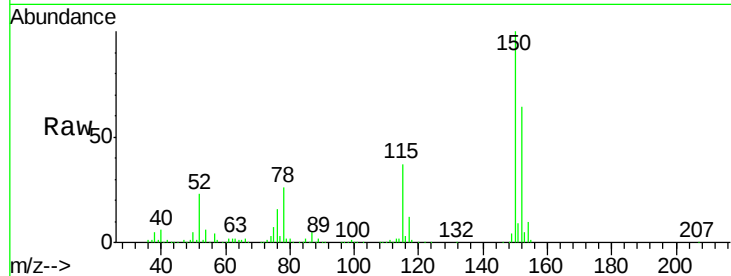
Tot Ion:152 Resp: 205712

Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.6

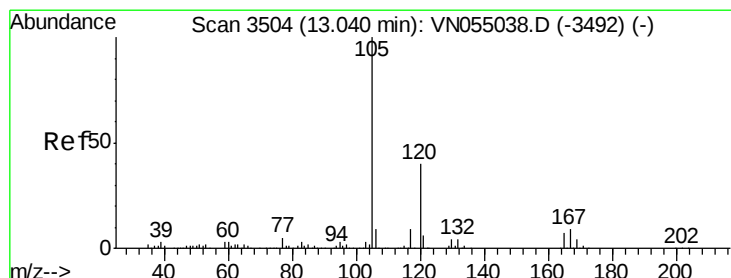
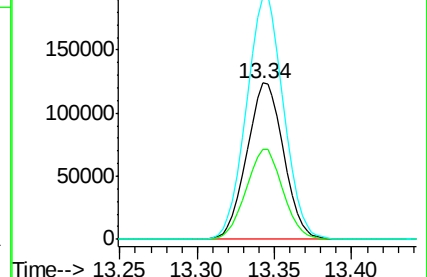
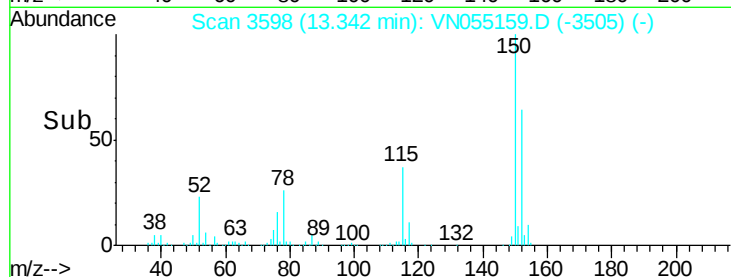
150 156.5 0.0 347.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.269 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055159.D

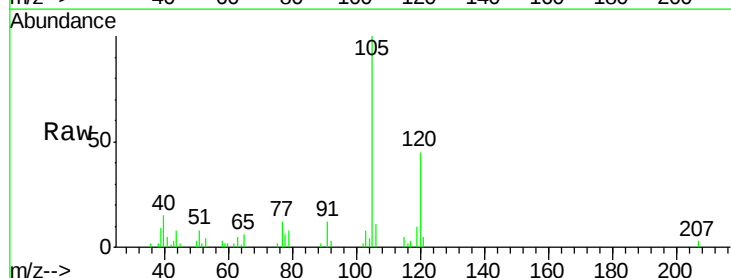
Acq: 20 Apr 2019 00:11

Tgt Ion:105 Resp: 17711

Ion Ratio Lower Upper

105 100

120 46.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

