

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059391.D
 Acq On : 25 Nov 2019 18:22
 Operator : JC/SP
 Sample : K5972-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 26 03:00:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

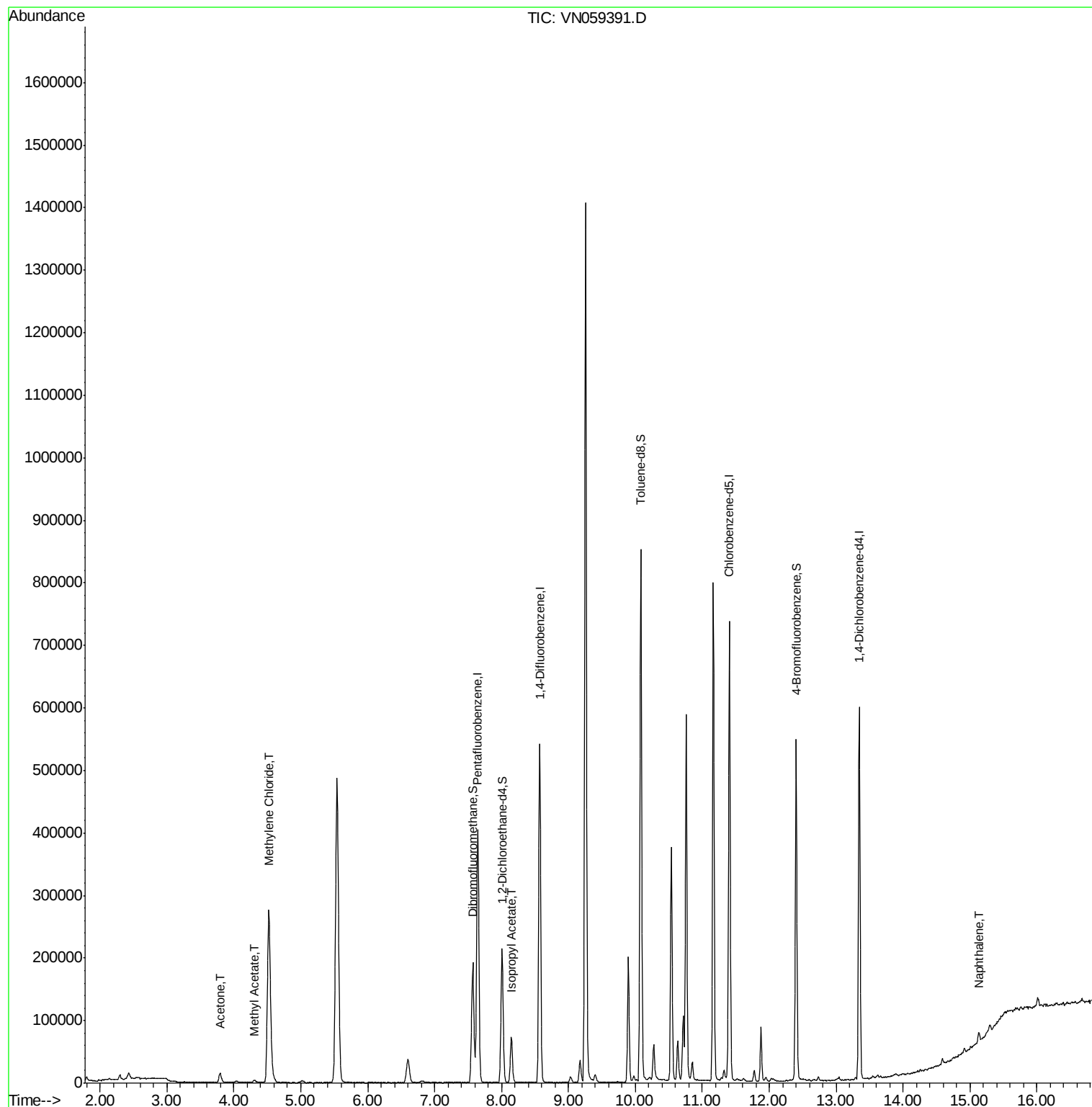
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	331079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	500059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	439288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	167233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	181883	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
35) Dibromofluoromethane	7.57	113	149292	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	10.08	98	607866	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	196648	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
16) Acetone	3.79	43	24459	13.732	ug/l	89
18) Methyl Acetate	4.31	43	6166	1.043	ug/l #	82
20) Methylene Chloride	4.52	84	224687	55.932	ug/l	98
43) Isopropyl Acetate	8.15	43	85183	10.046	ug/l #	91
95) Naphthalene	15.13	128	12867	4.391	ug/l #	91

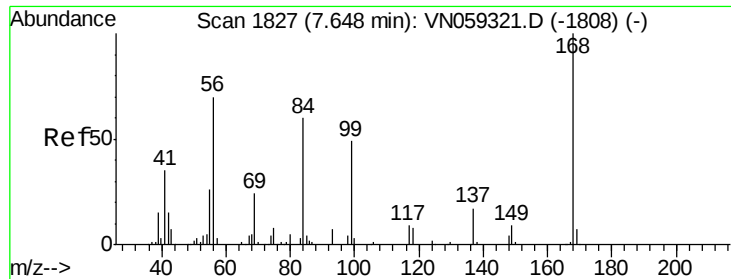
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112519\
Data File : VN059391.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 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: VN059391.D

Acq: 25 Nov 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

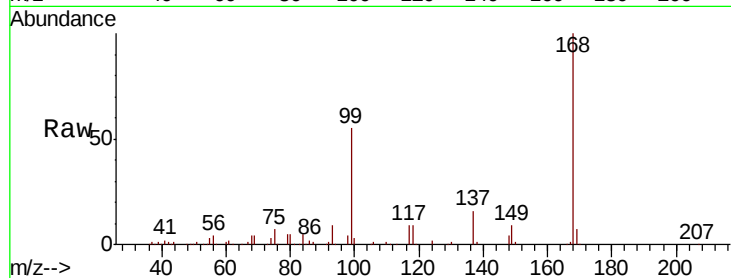
SOIL-PILE

Tot Ion:168 Resp: 331079

Ion Ratio Lower Upper

168 100

99 54.6 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

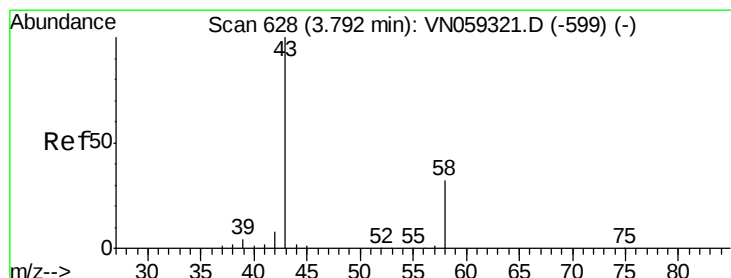
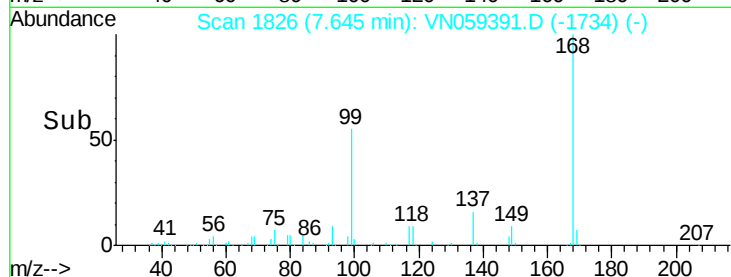
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.732 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059391.D

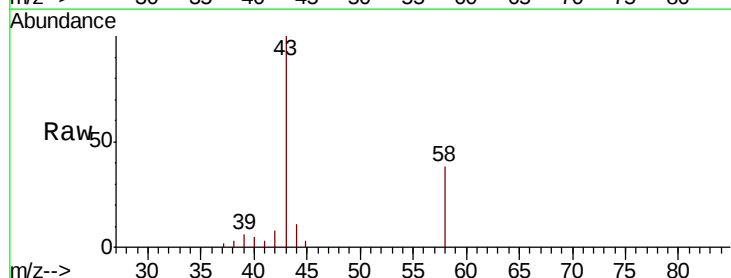
Acq: 25 Nov 2019 18:22

Tgt Ion: 43 Resp: 24459

Ion Ratio Lower Upper

43 100

58 38.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

3.79

10000

8000

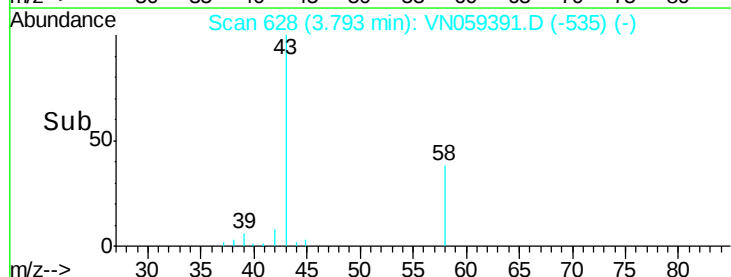
6000

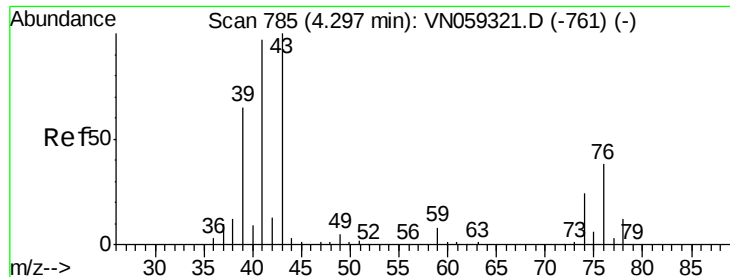
4000

2000

0

Time-->

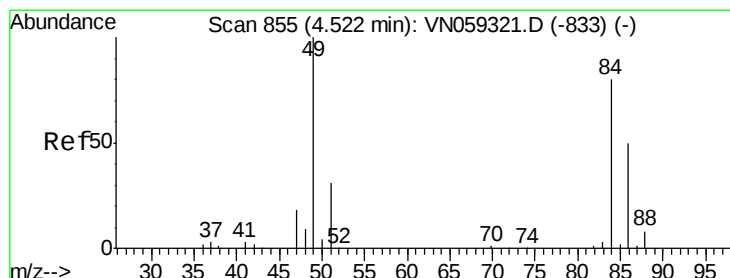
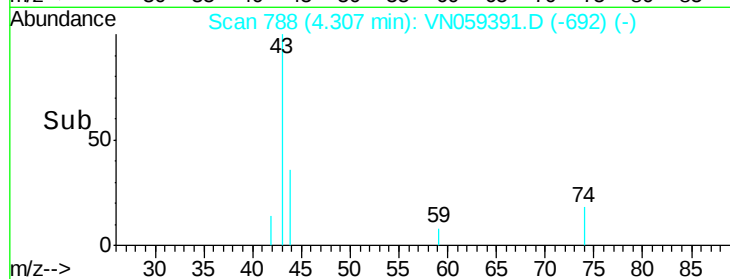
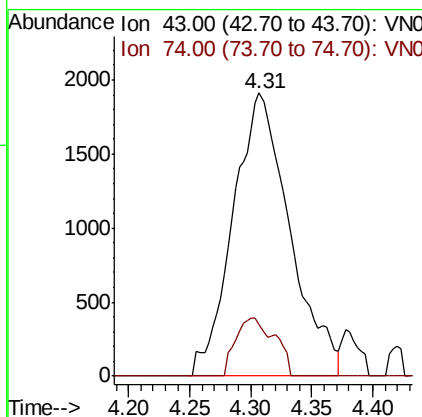
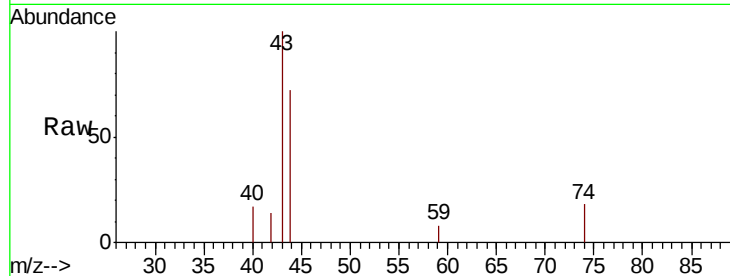




#18
Methvl Acetate
Concen: 1.043 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059391.D
Acq: 25 Nov 2019 18:22

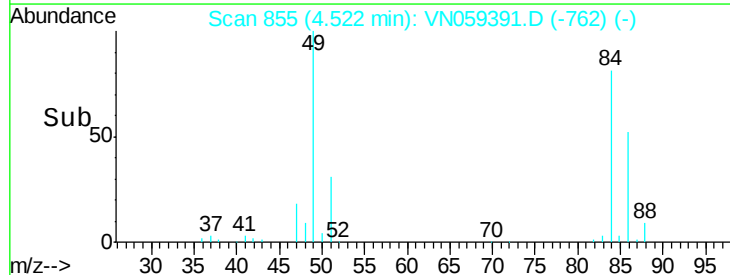
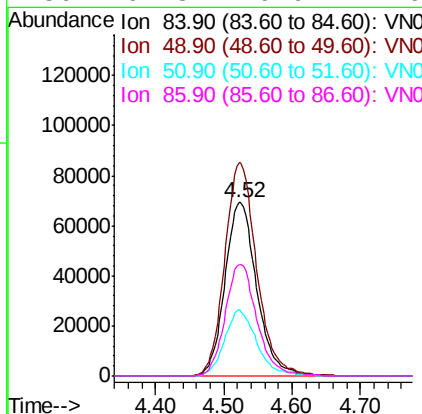
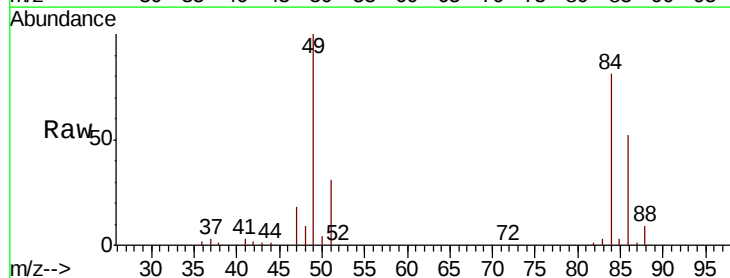
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE

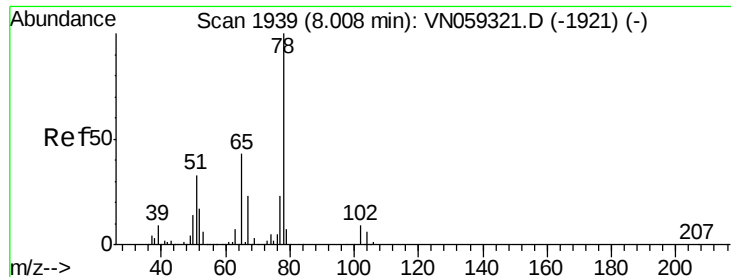
Tot Ion: 43 Resp: 6166
Ion Ratio Lower Upper
43 100
74 14.1 18.1 27.1#



#20
Methylene Chloride
Concen: 55.932 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059391.D
Acq: 25 Nov 2019 18:22

Tgt Ion: 84 Resp: 224687
Ion Ratio Lower Upper
84 100
49 123.0 99.5 149.3
51 38.0 31.1 46.7
86 64.3 49.9 74.9

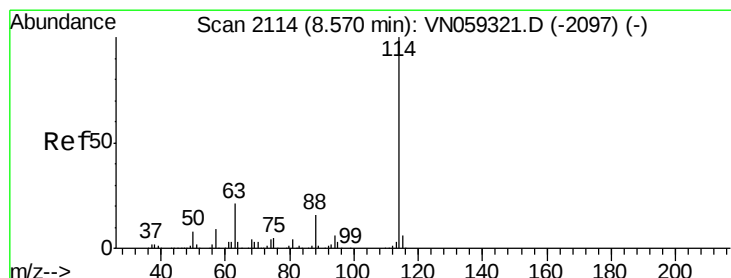
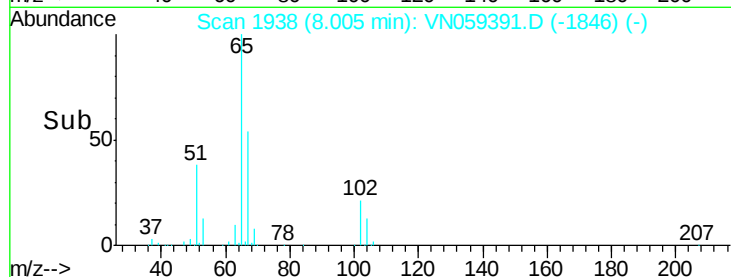
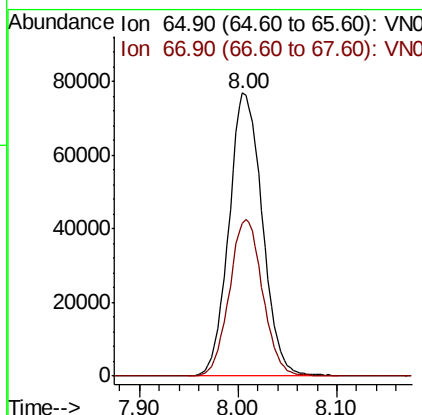
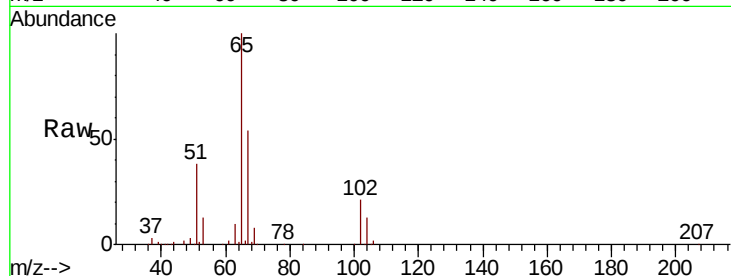




#33
 1,2-Dichloroethane-d4
 Concen: 45.787 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059391.D
 Acq: 25 Nov 2019 18:22

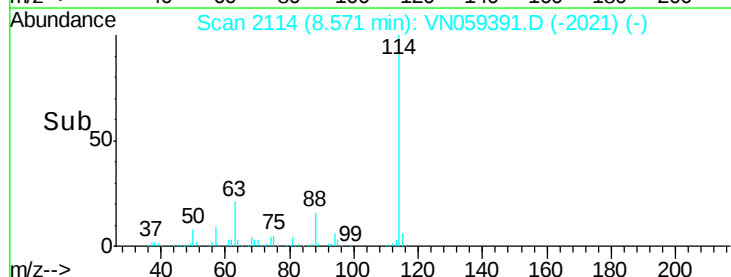
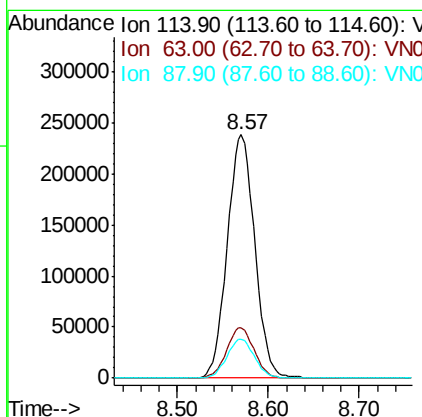
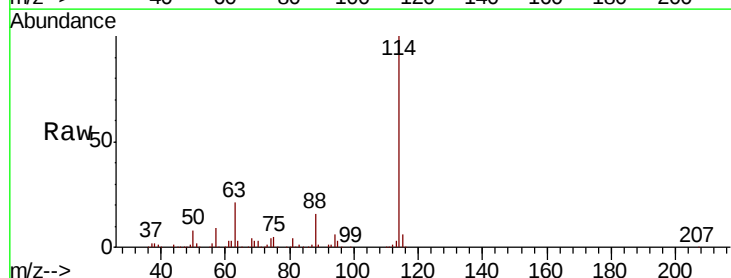
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

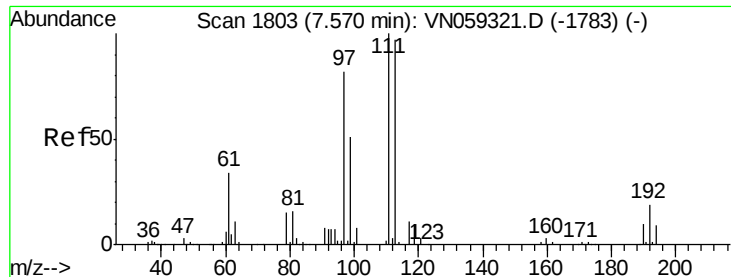
Tot Ion: 65 Resp: 181883
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059391.D
 Acq: 25 Nov 2019 18:22

Tgt Ion: 114 Resp: 500059
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.2
 88 16.2 0.0 32.2

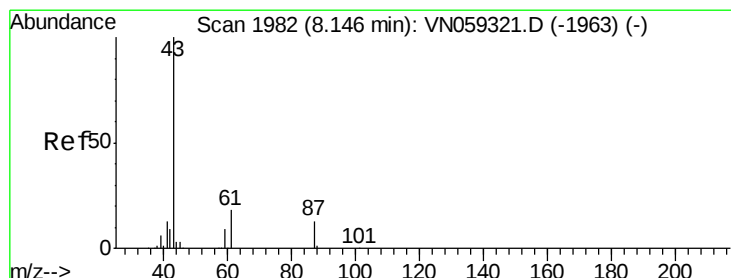
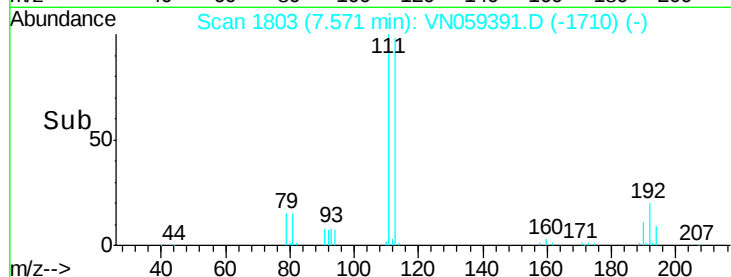
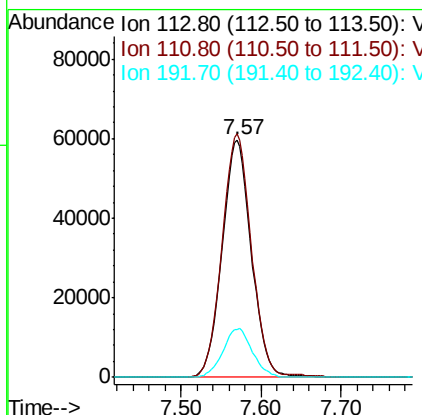
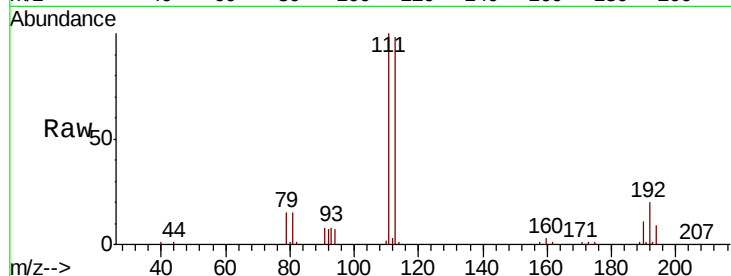




#35
 Dibromofluoromethane
 Concen: 49.763 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059391.D
 Acq: 25 Nov 2019 18:22

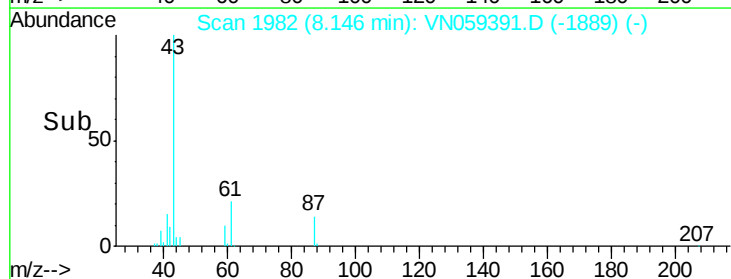
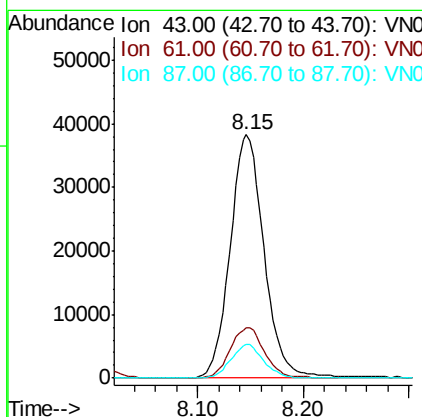
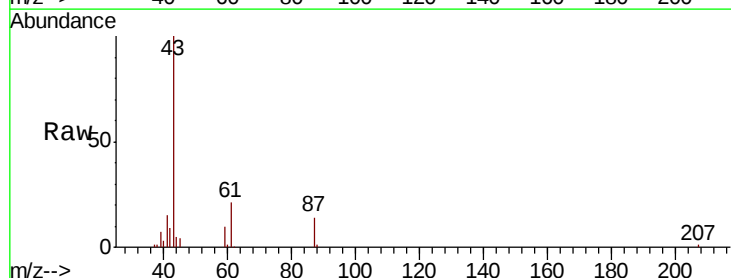
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

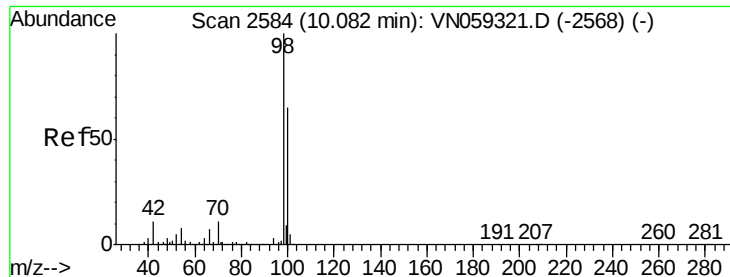
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.7	16.3	24.5



#43
 Isopropyl Acetate
 Concen: 10.046 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059391.D
 Acq: 25 Nov 2019 18:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	21.7	32.5#
87	13.2	10.2	15.4





#50

Toluene-d8

Concen: 50.967 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059391.D

Acq: 25 Nov 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

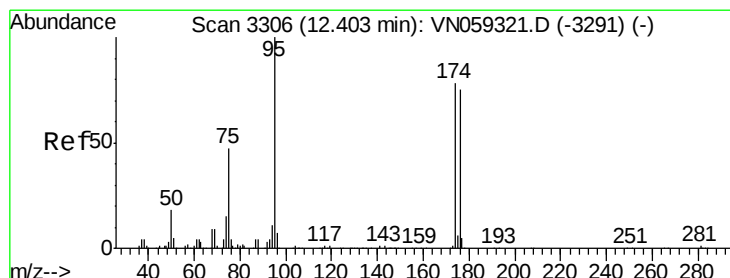
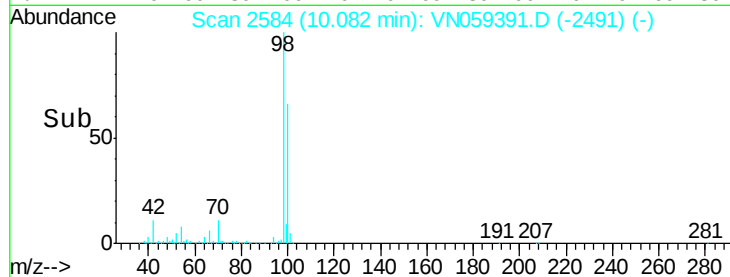
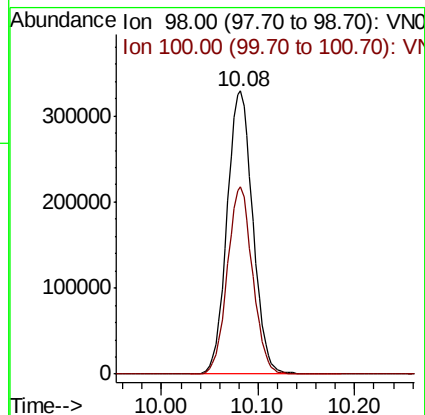
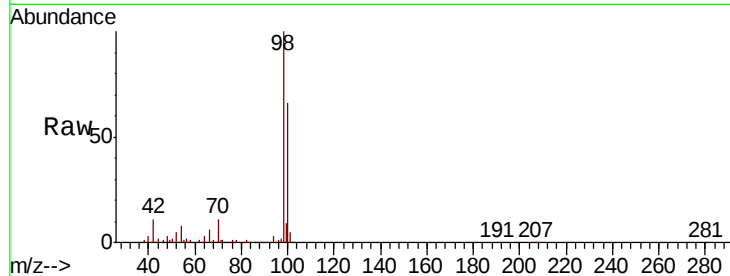
SOIL-PILE

Tot Ion: 98 Resp: 607866

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.155 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059391.D

Acq: 25 Nov 2019 18:22

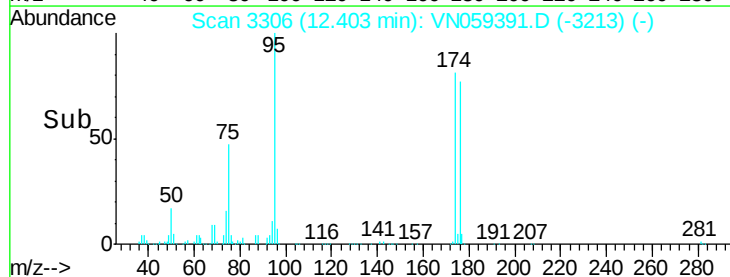
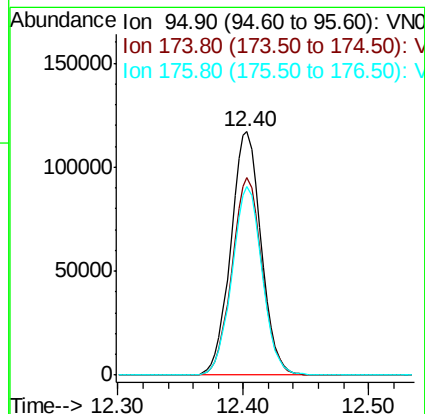
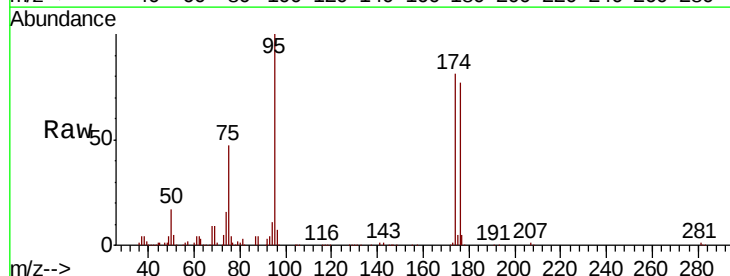
Tgt Ion: 95 Resp: 196648

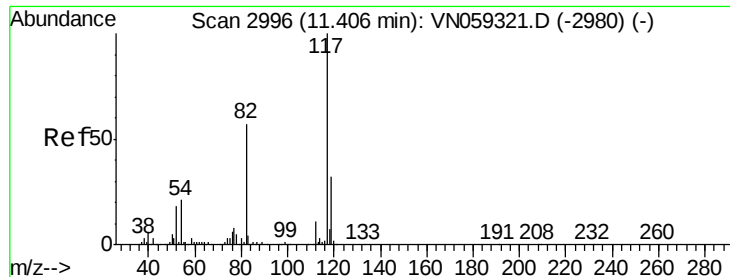
Ion Ratio Lower Upper

95 100

174 80.6 0.0 157.4

176 77.1 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059391.D

Acq: 25 Nov 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE

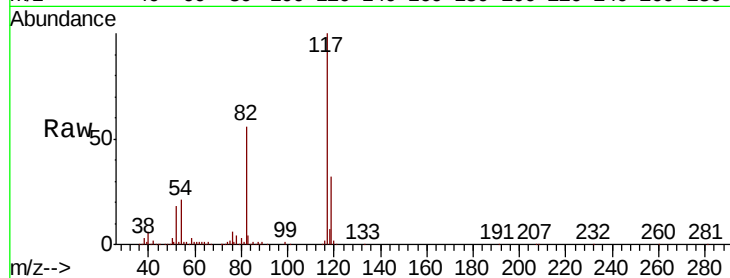
Tot Ion:117 Resp: 439288

Ion Ratio Lower Upper

117 100

82 56.2 45.7 68.5

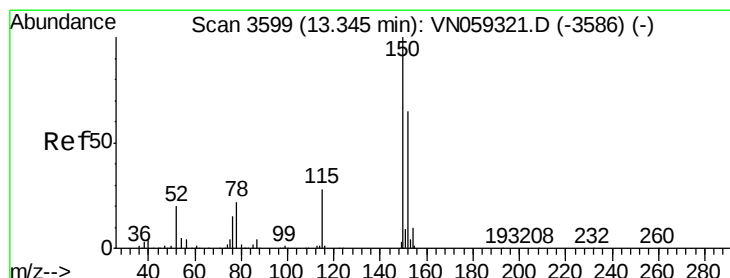
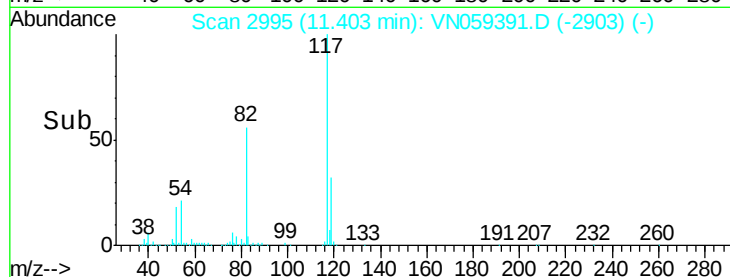
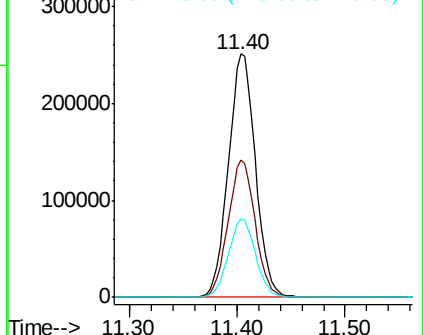
119 32.0 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059391.D

Acq: 25 Nov 2019 18:22

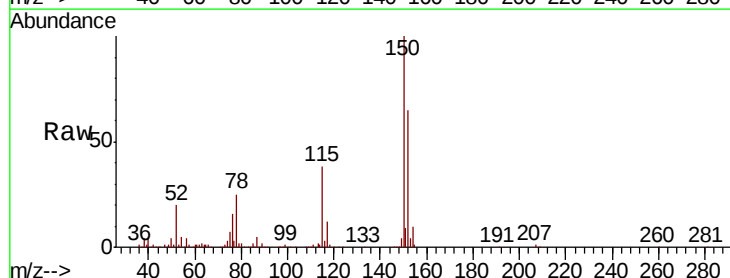
Tgt Ion:152 Resp: 167233

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

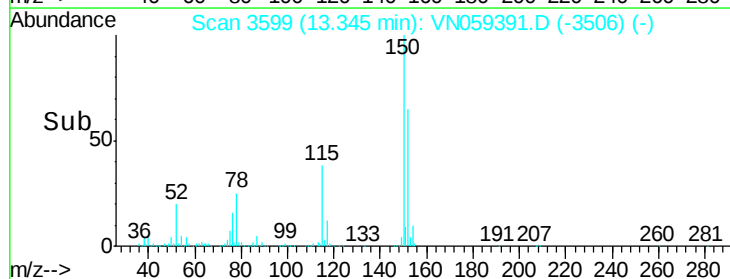
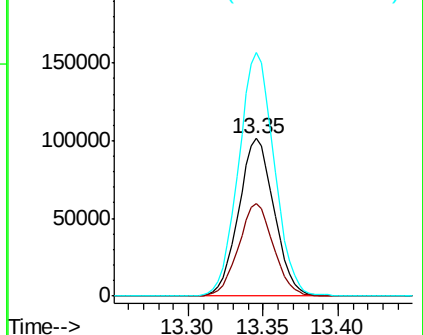
150 156.1 0.0 346.0

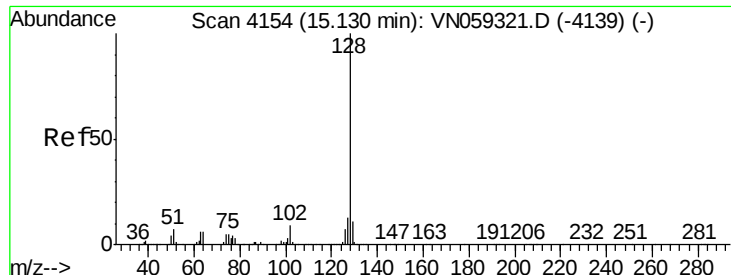


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.391 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059391.D

Acq: 25 Nov 2019 18:22

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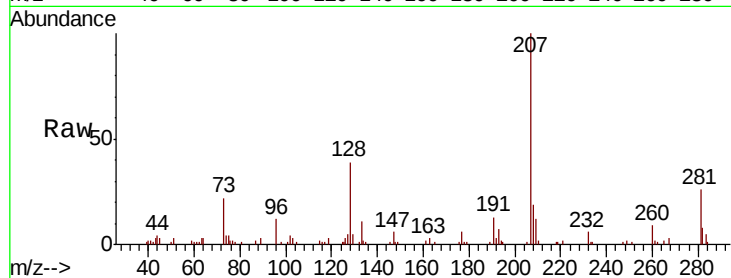
Tot Ion:128 Resp: 12867

Ion Ratio Lower Upper

128 100

127 6.4 10.2 15.2#

129 11.2 8.6 13.0



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

