

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053086.D
 Acq On : 21 Dec 2018 5:16
 Operator : MD\SY
 Sample : J6493-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

Quant Time: Dec 21 07:34:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

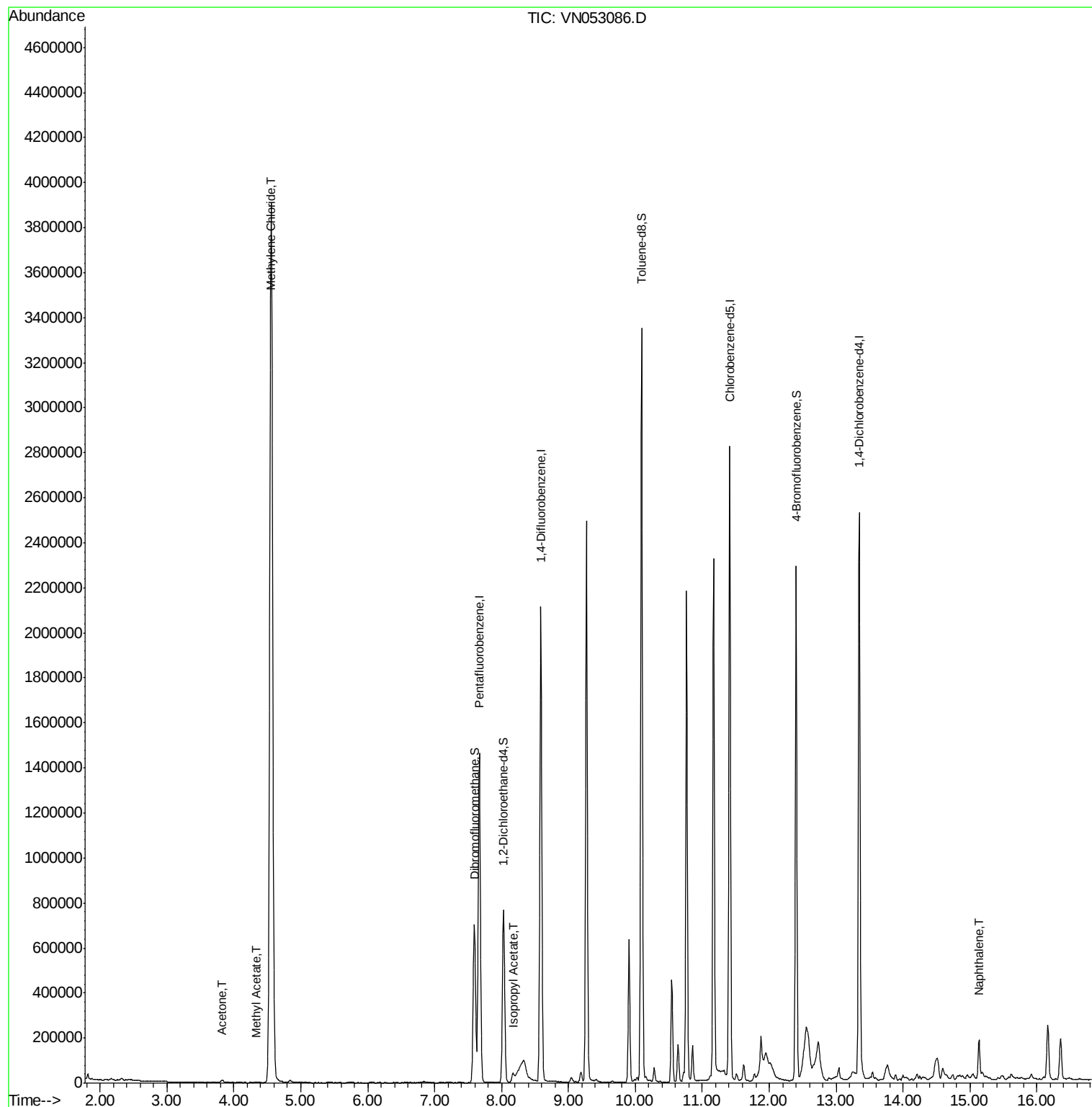
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1286860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1989107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1730570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	721673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	645002	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	7.59	113	544681	59.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.90%	
50) Toluene-d8	10.09	98	2394950	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	783492	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
16) Acetone	3.82	43	22509	8.791	ug/l	98
18) Methyl Acetate	4.34	43	4984	1.412	ug/l #	72
20) Methylene Chloride	4.56	84	3053533	218.622	ug/l	98
43) Isopropyl Acetate	8.17	43	53191	1.567	ug/l #	84
95) Naphthalene	15.14	128	161243	6.699	ug/l	99

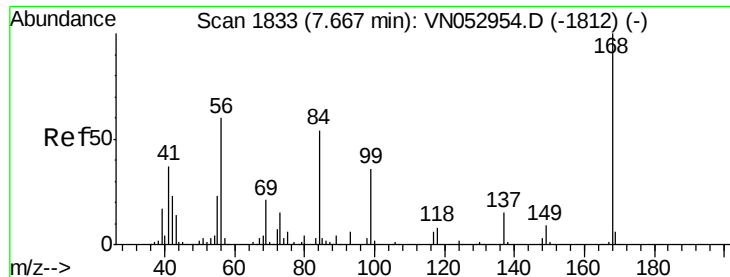
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

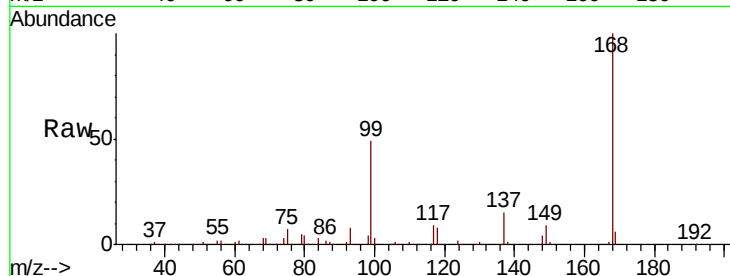
SOIL-DRUM

Tot Ion:168 Resp: 1286860

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

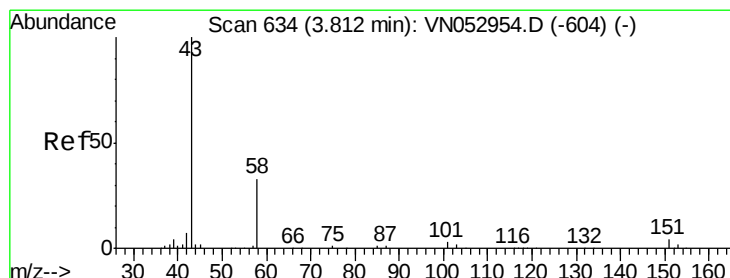
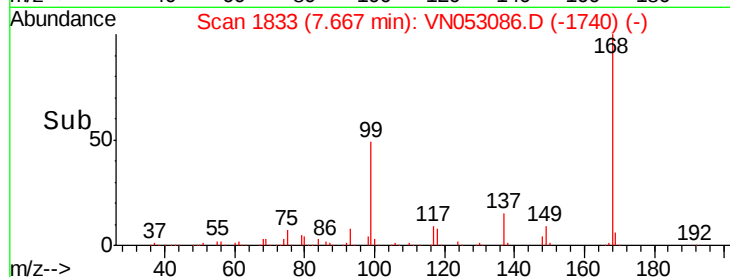
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.791 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053086.D

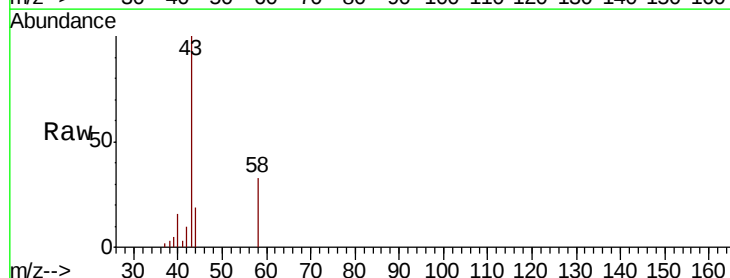
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 22509

Ion Ratio Lower Upper

43 100

58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

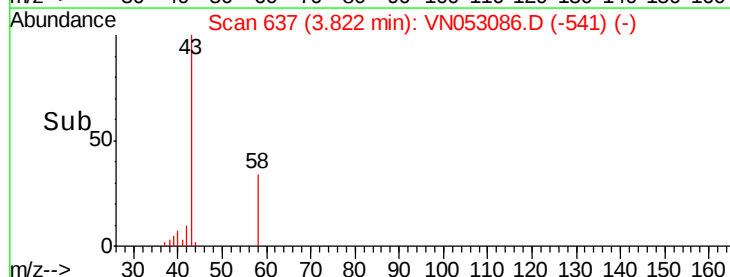
6000

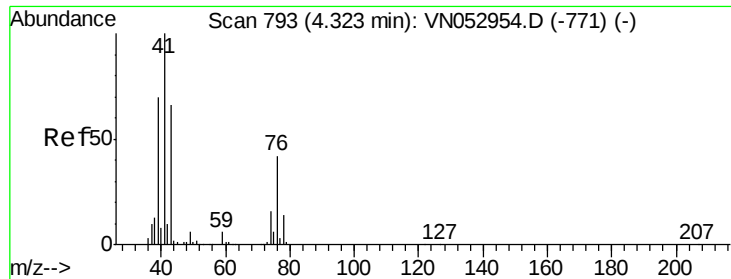
4000

2000

0

Time-->

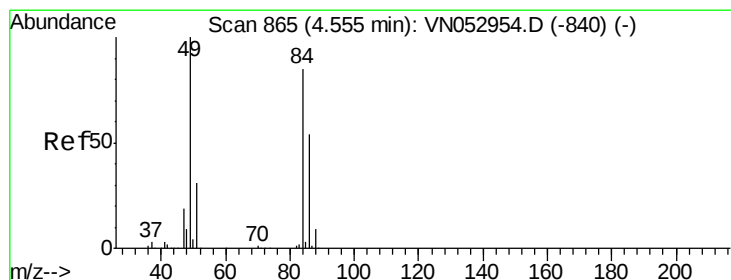
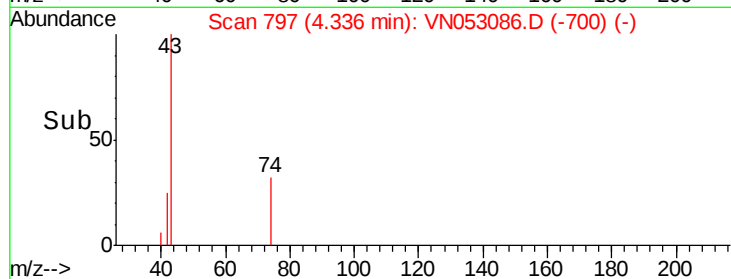
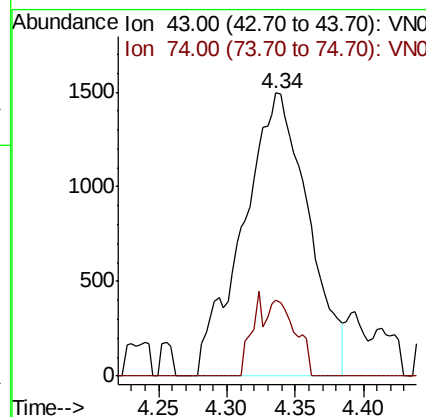
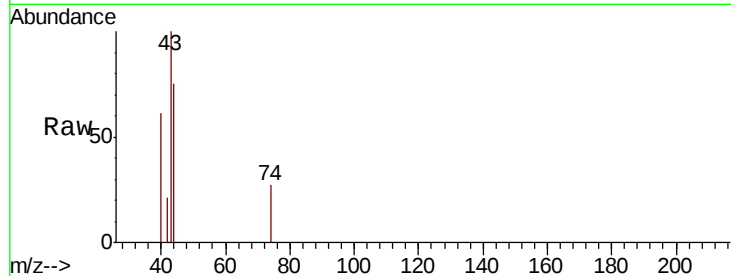




#18
Methyl Acetate
Concen: 1.412 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

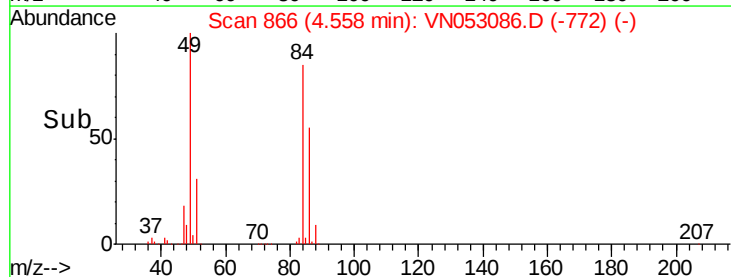
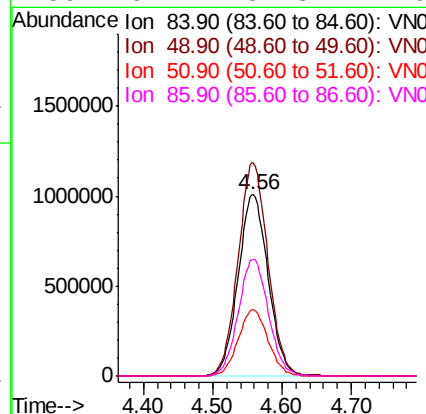
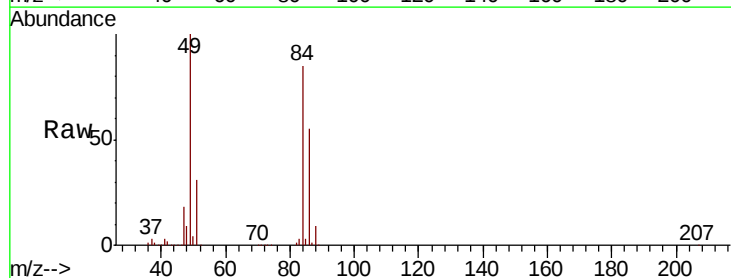
Instrument :
MSVOA_N
ClientSampled :
SOIL-DRUM

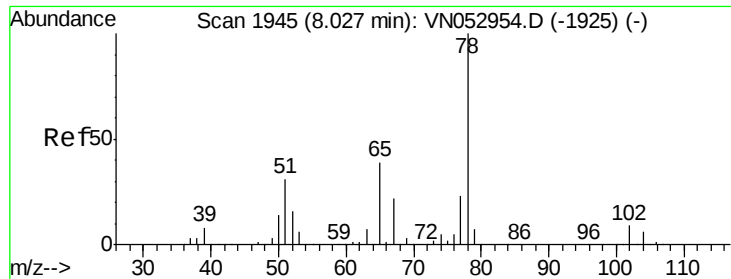
Tot Ion: 43 Resp: 4984
Ion Ratio Lower Upper
43 100
74 10.3 19.2 28.8#



#20
Methylene Chloride
Concen: 218.622 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 84 Resp: 3053533
Ion Ratio Lower Upper
84 100
49 117.8 96.8 145.2
51 36.7 29.9 44.9
86 64.4 51.8 77.6

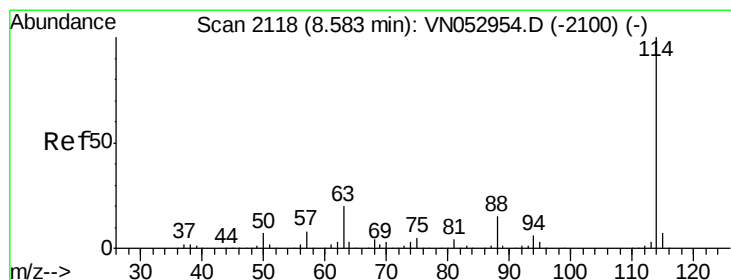
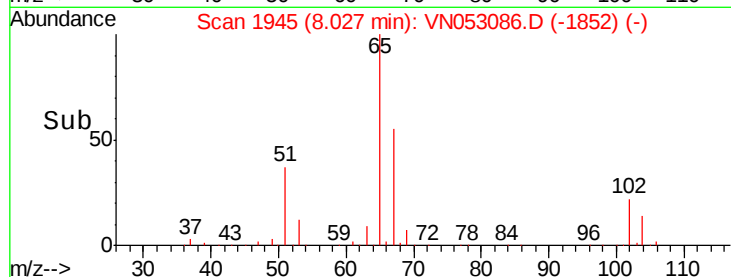
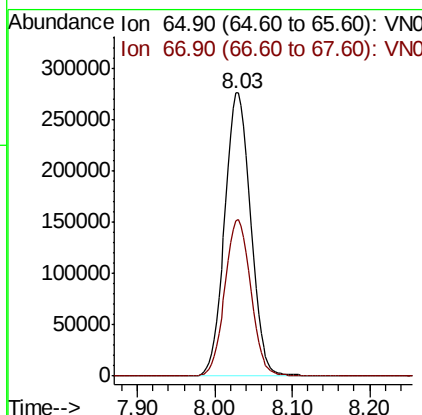
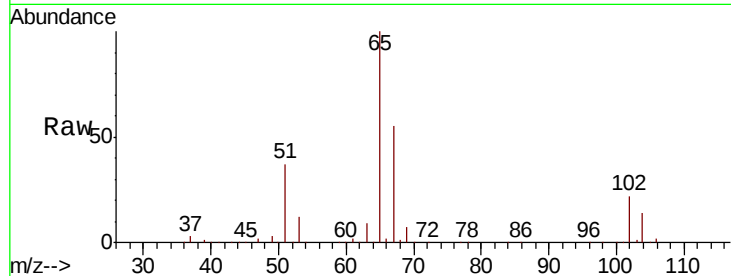




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

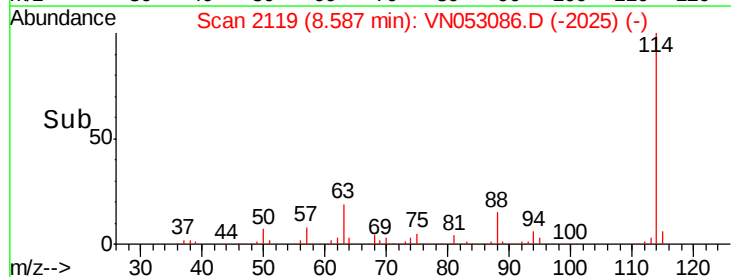
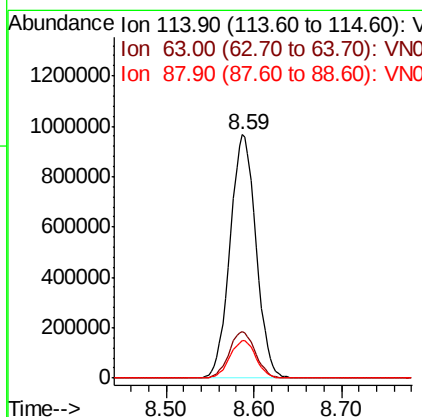
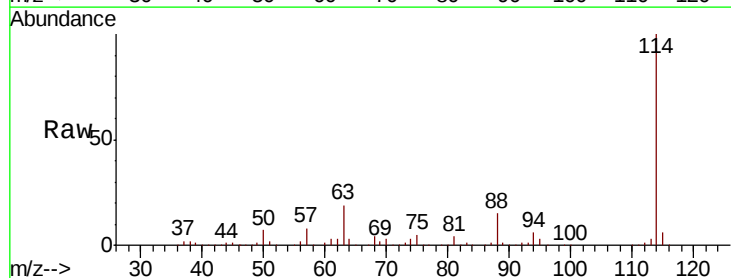
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-DRUM

Tot Ion: 65 Resp: 645002
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

Tgt Ion: 114 Resp: 1989107
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 15.3 0.0 31.0

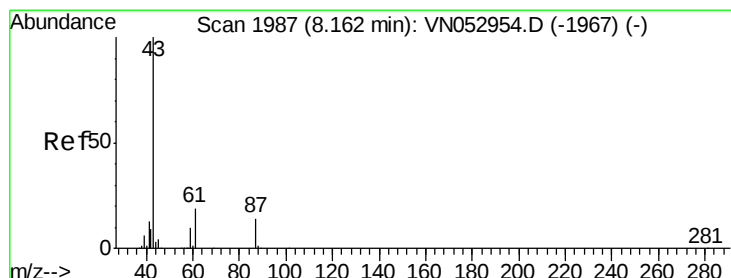
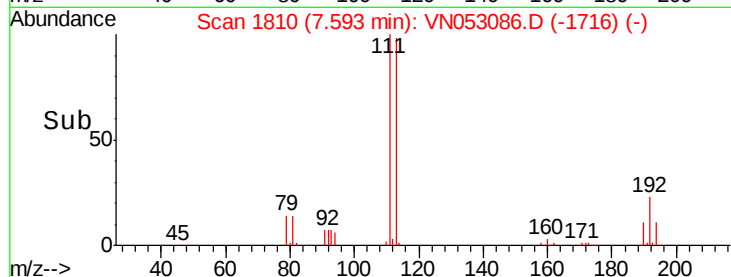
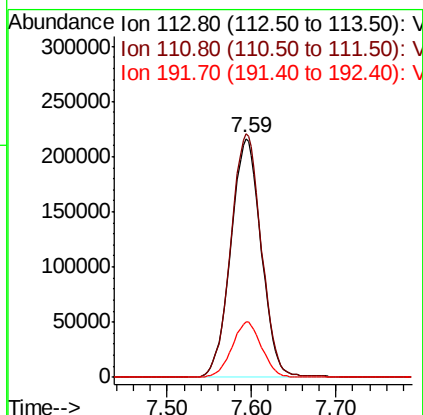
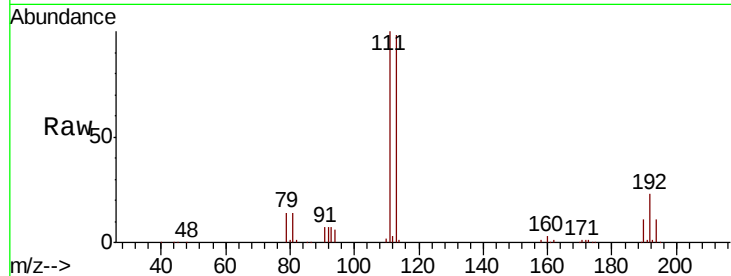




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

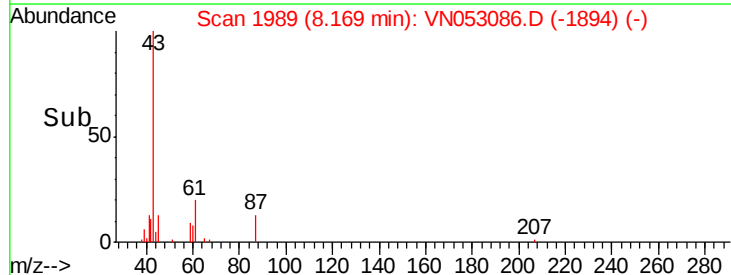
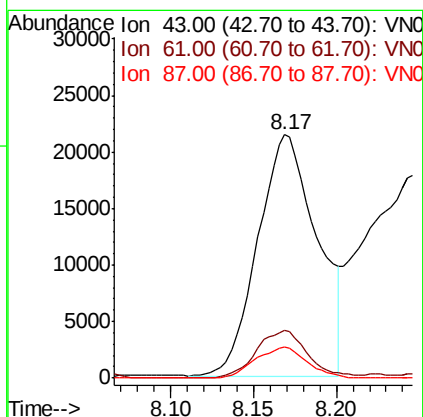
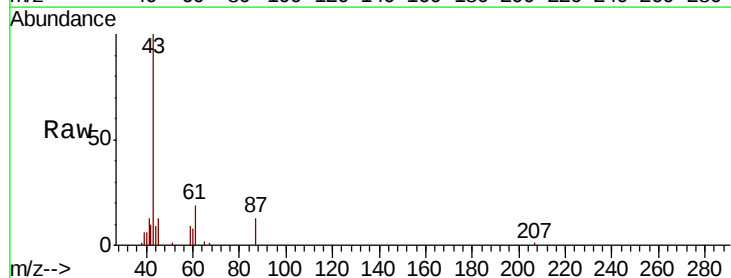
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

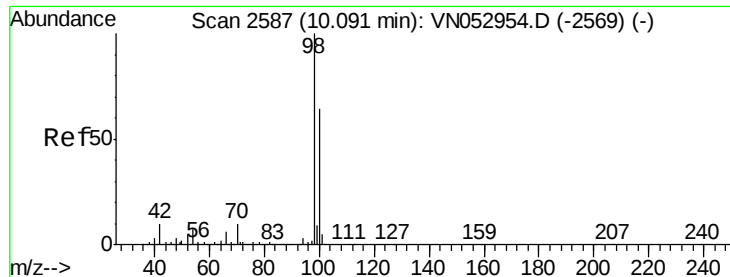
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	22.6	17.5	26.3



#43
 Isopropyl Acetate
 Concen: 1.567 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.2	22.9	34.3#
87	11.2	10.6	15.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampled :

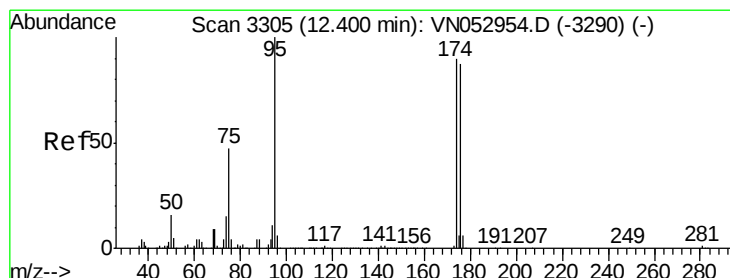
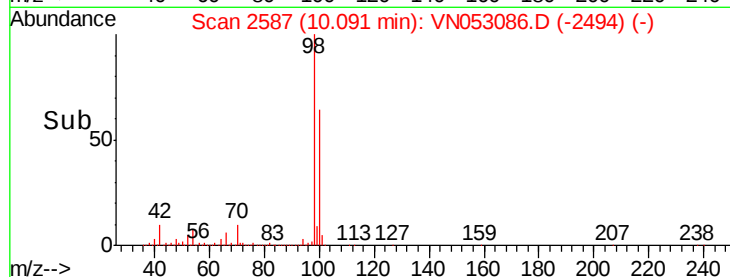
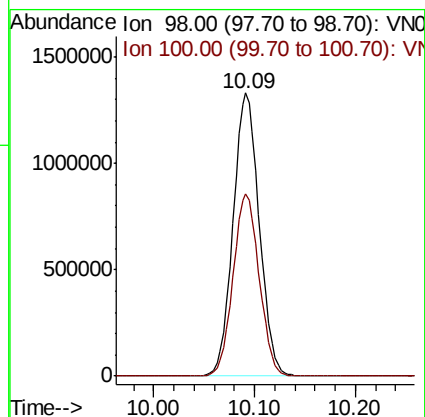
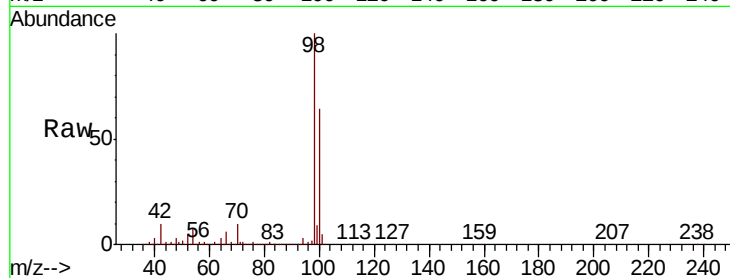
SOIL-DRUM

Tot Ion: 98 Resp: 2394950

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

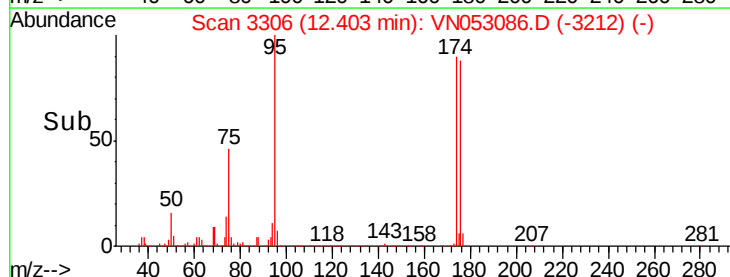
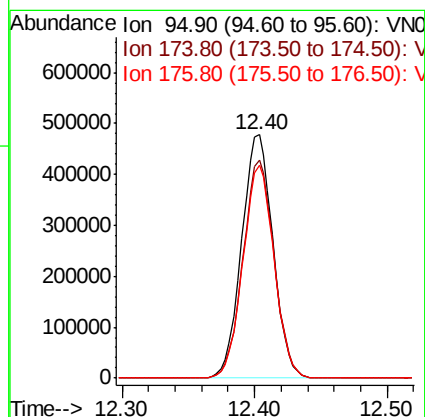
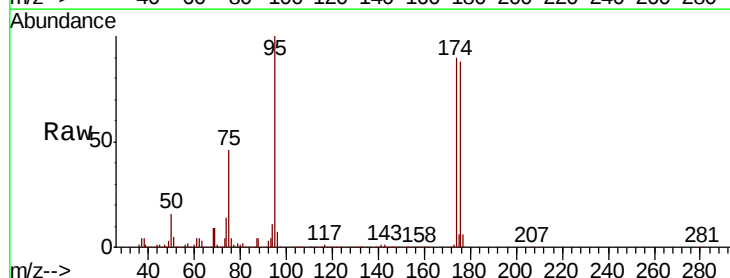
Tgt Ion: 95 Resp: 783492

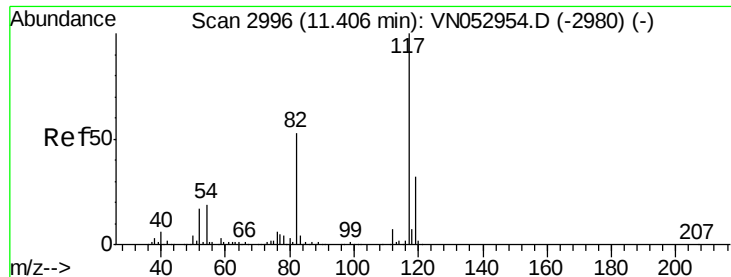
Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.8

176 86.9 0.0 173.8

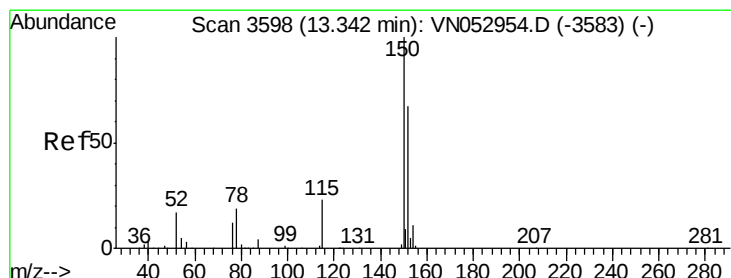
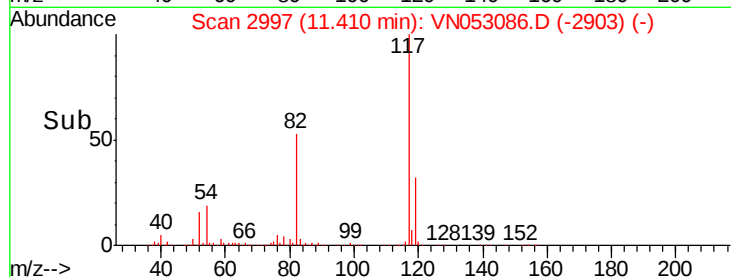
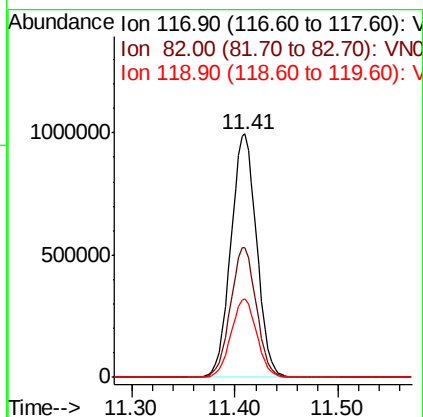
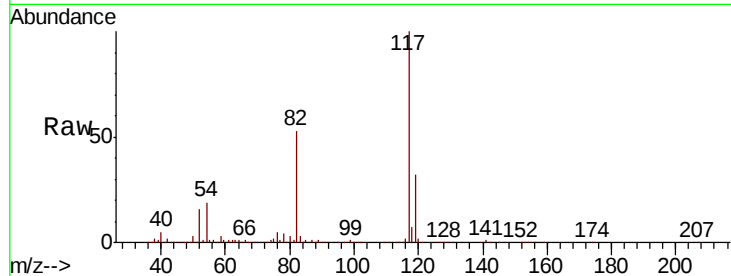




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

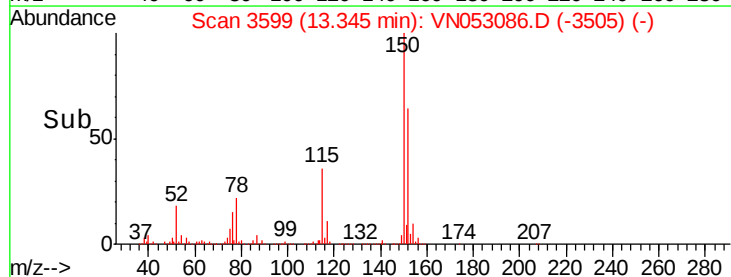
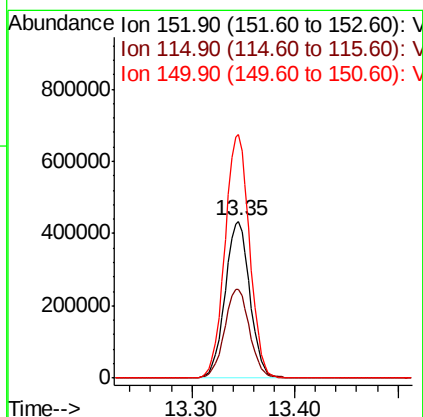
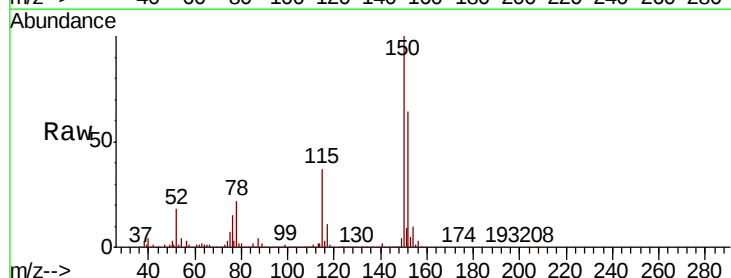
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

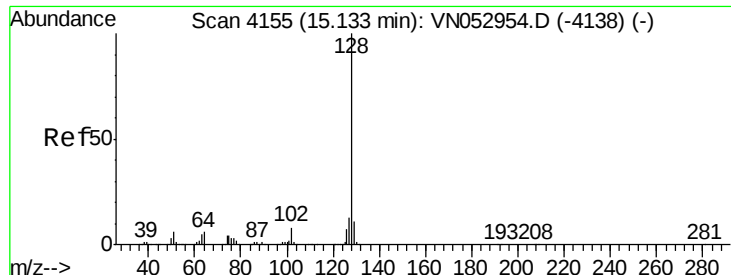
Tot Ion:117 Resp: 1730570
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:152 Resp: 721673
Ion Ratio Lower Upper
152 100
115 58.0 28.3 85.0
150 155.0 0.0 347.8





#95
Naphthalene
Concen: 6.699 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.4	8.6	13.0

