

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050833.D
 Acq On : 22 Aug 2018 20:48
 Operator : MD\SY
 Sample : J4580-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RN-SOIL

Quant Time: Aug 23 03:35:35 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	695338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1135921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	967543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350327	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	447871	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
35) Dibromofluoromethane	7.59	113	424043	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	10.09	98	1544087	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.40	95	434738	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.44%	

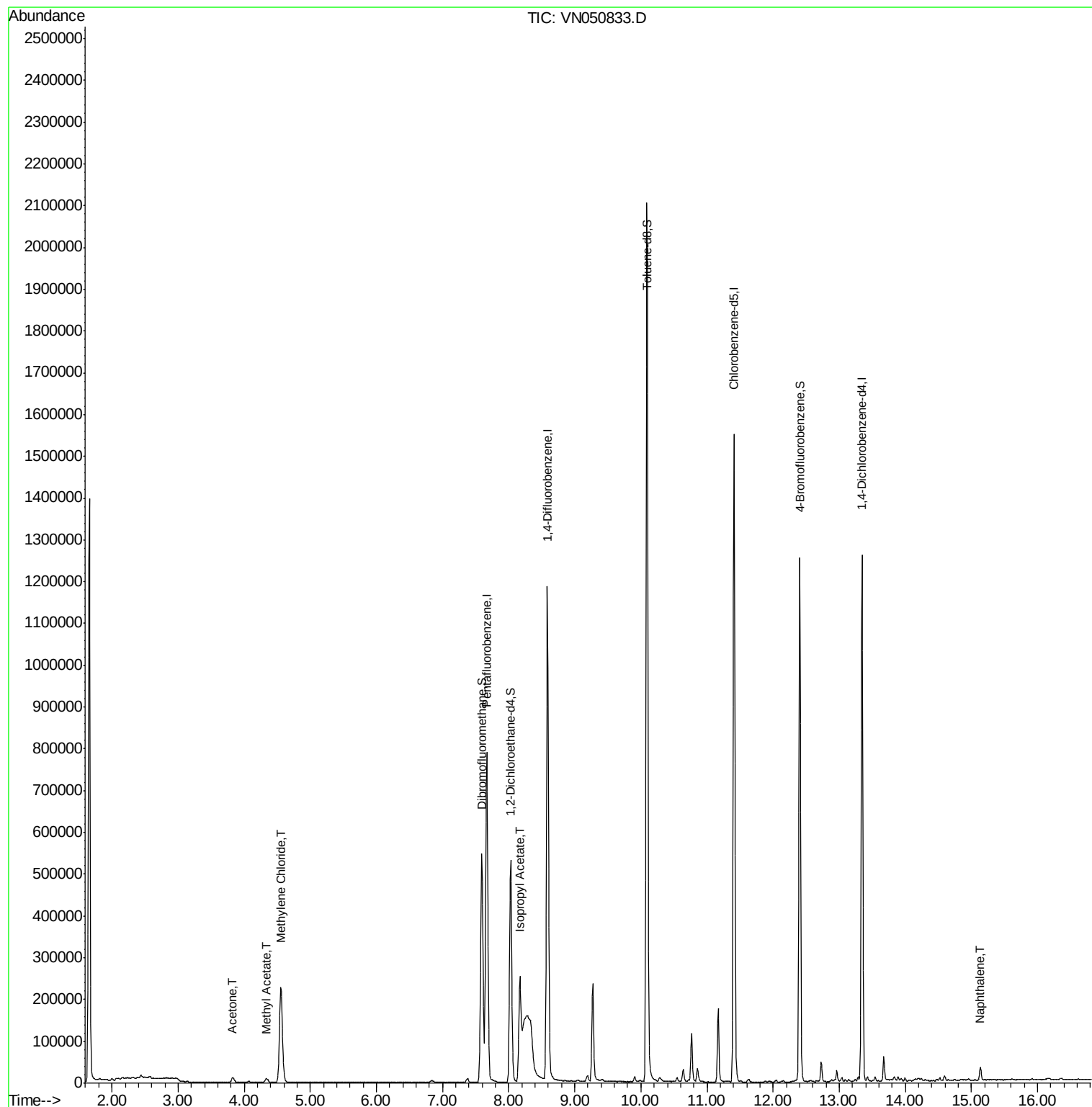
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	22253	4.28	ug/l	88
18) Methyl Acetate	4.33	43	16955	2.15	ug/l	100
20) Methylene Chloride	4.55	84	181996	19.29	ug/l	97
43) Isopropyl Acetate	8.17	43	316739	23.92	ug/l	92
95) Naphthalene	15.14	128	27497	7.15	ug/l	98

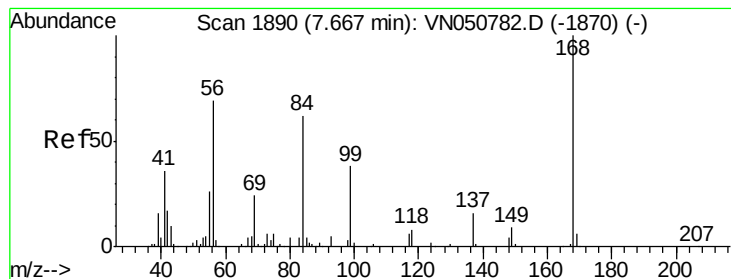
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 23 03:35:35 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050833.D

Acq: 22 Aug 2018 20:48

Instrument :

MSVOA_N

ClientSampled :

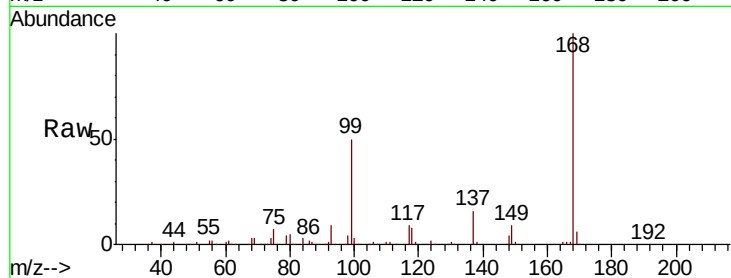
RN-SOIL

Tot Ion:168 Resp: 695338

Ion Ratio Lower Upper

168 100

99 50.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

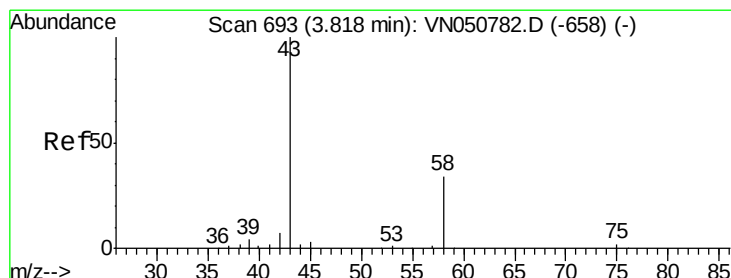
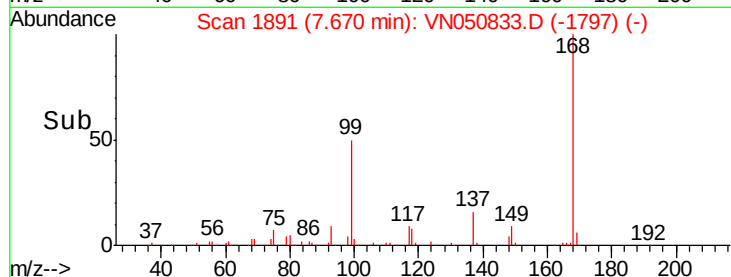
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.28 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050833.D

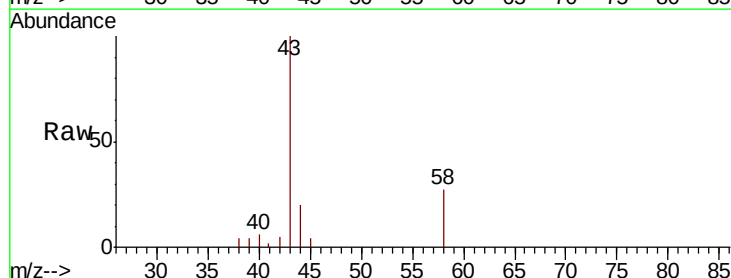
Acq: 22 Aug 2018 20:48

Tgt Ion: 43 Resp: 22253

Ion Ratio Lower Upper

43 100

58 27.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

8000

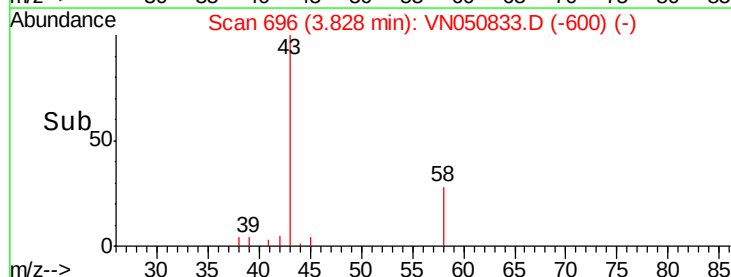
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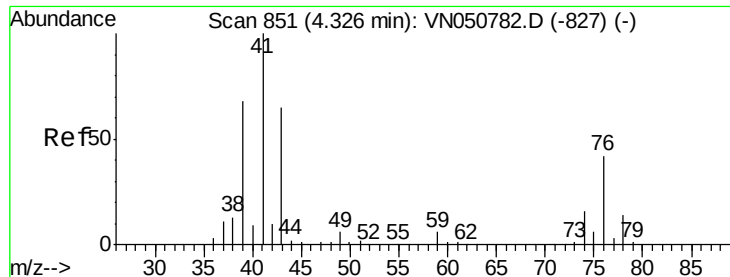
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2000

0

Time-->

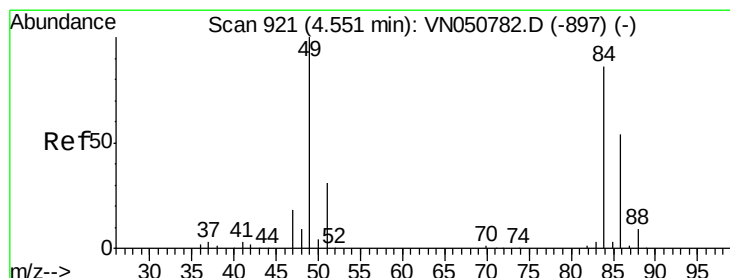
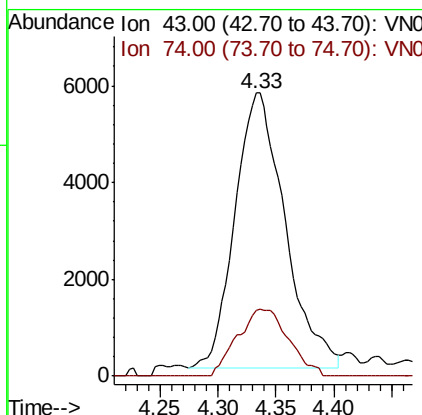
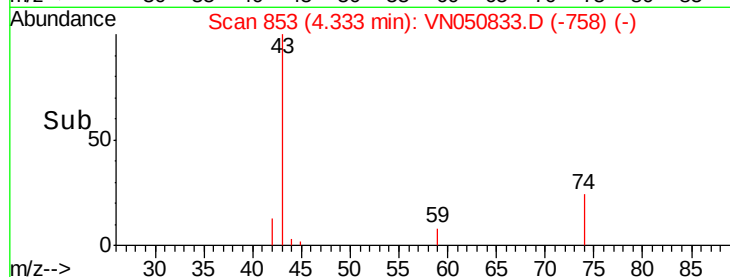
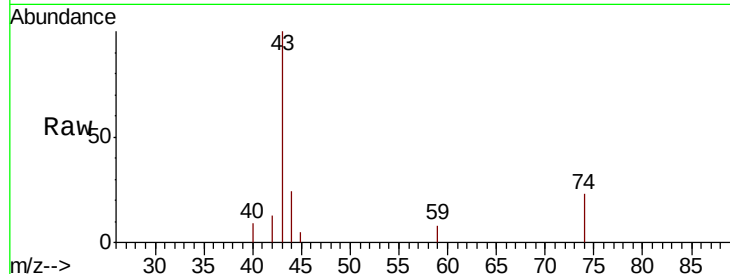




#18
Methyl Acetate
Concen: 2.15 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050833.D
Acq: 22 Aug 2018 20:48

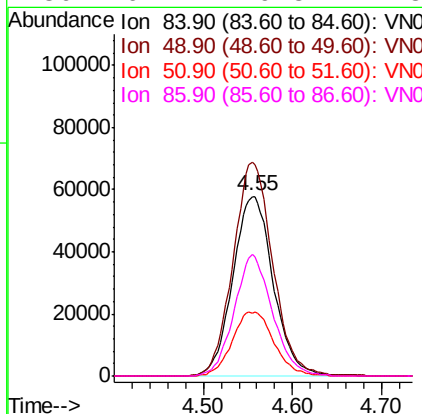
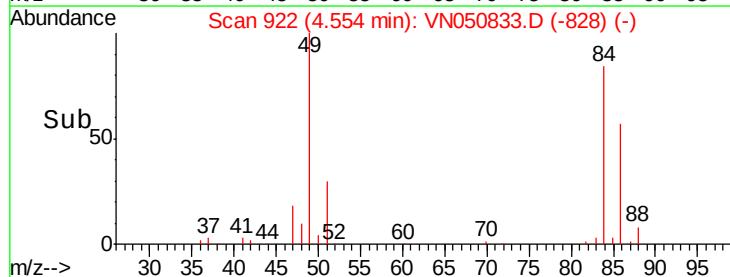
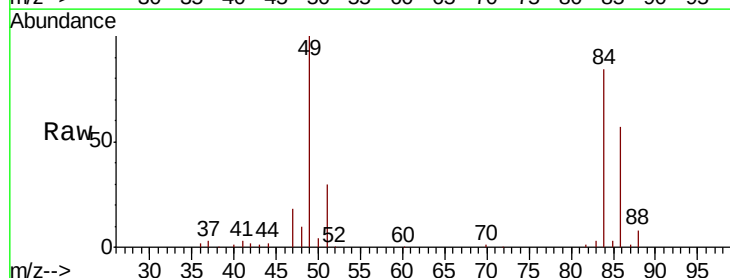
Instrument :
MSVOA_N
ClientSampleId :
RN-SOIL

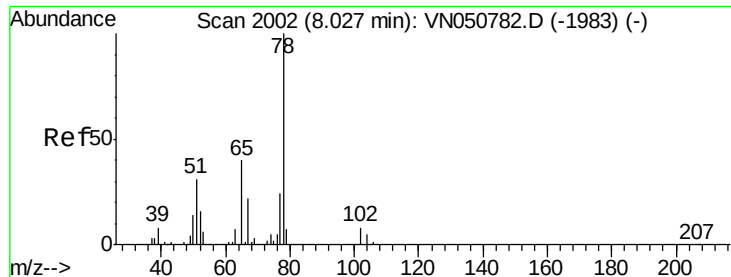
Tot Ion: 43 Resp: 16955
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.8



#20
Methylene Chloride
Concen: 19.29 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050833.D
Acq: 22 Aug 2018 20:48

Tgt Ion: 84 Resp: 181996
Ion Ratio Lower Upper
84 100
49 118.5 93.2 139.8
51 35.2 29.0 43.6
86 67.4 49.8 74.8

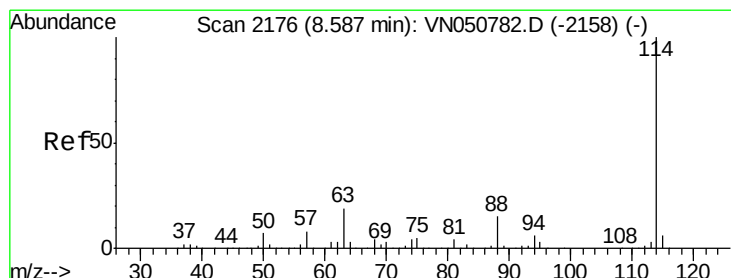
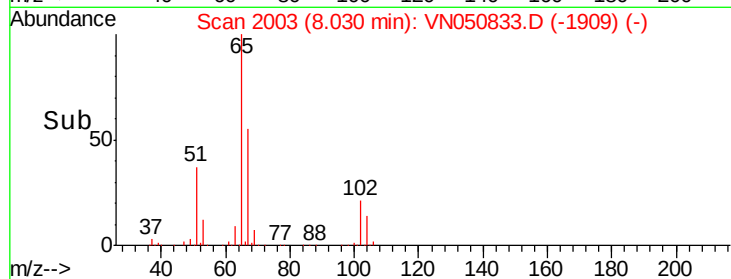
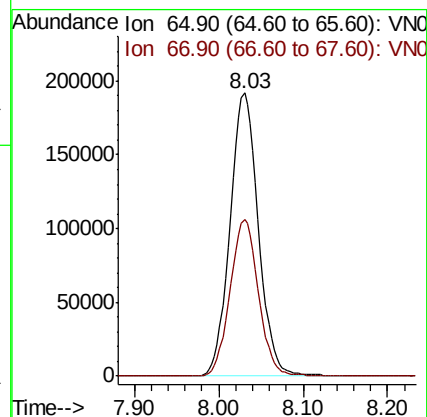
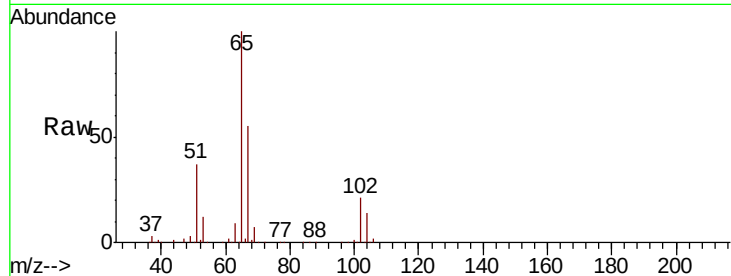




#33
 1,2-Dichloroethane-d4
 Concen: 53.50 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050833.D
 Acq: 22 Aug 2018 20:48

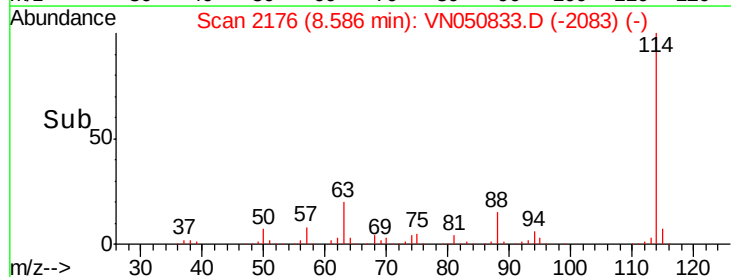
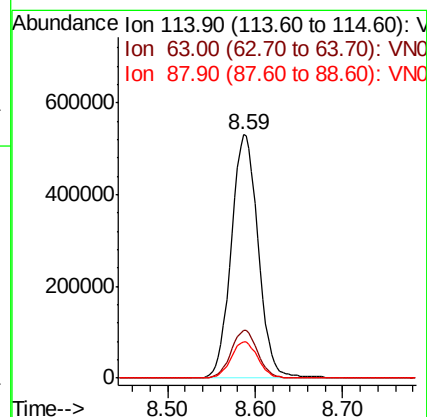
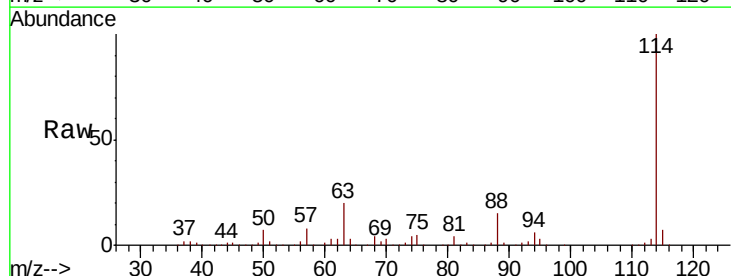
Instrument :
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 ClientSampleId :
 RN-SOIL

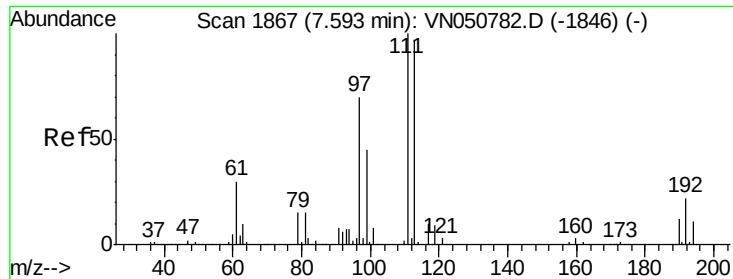
Tot Ion: 65 Resp: 447871
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050833.D
 Acq: 22 Aug 2018 20:48

Tgt Ion: 114 Resp: 1135921
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.2 0.0 30.6

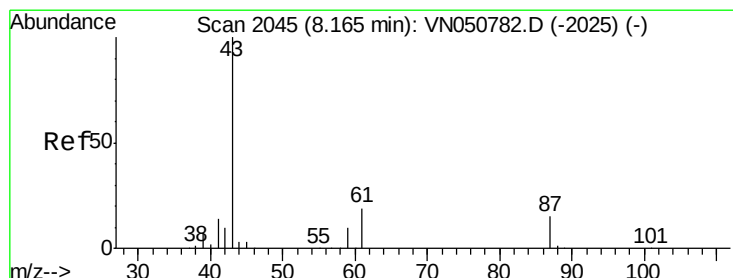
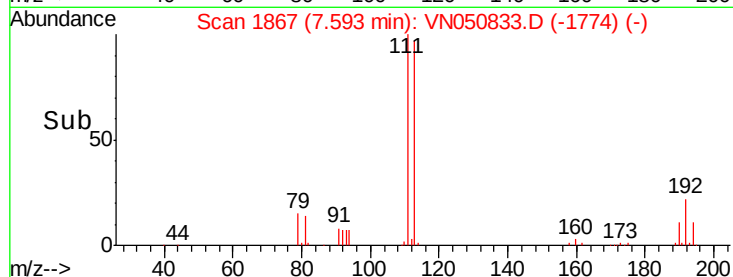
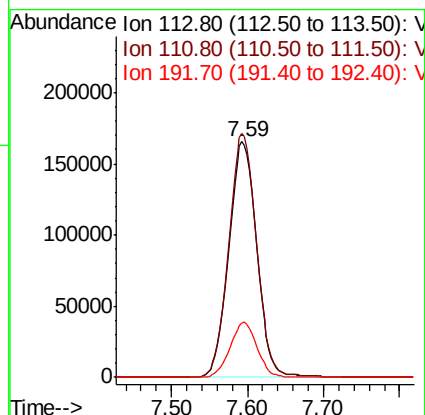
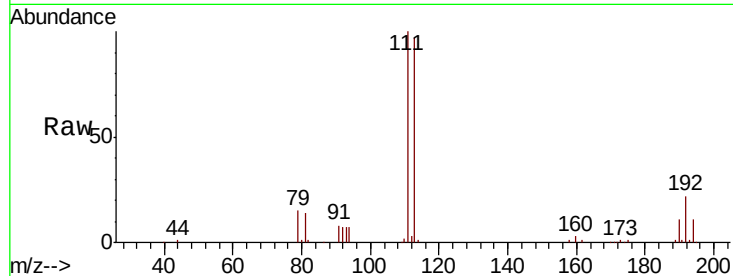




#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050833.D
 Acq: 22 Aug 2018 20:48

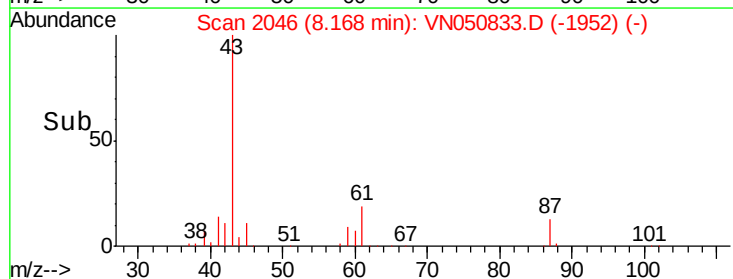
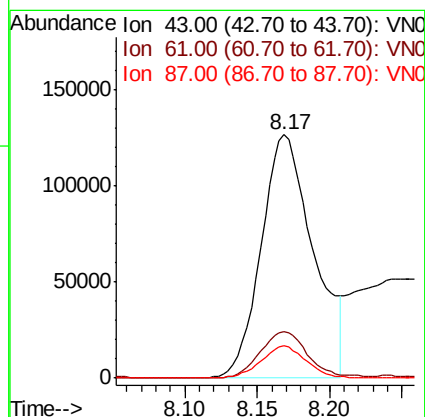
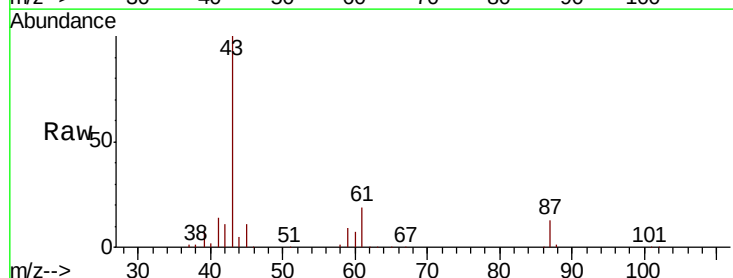
Instrument :
 MSVOA_N
 ClientSampled :
 RN-SOIL

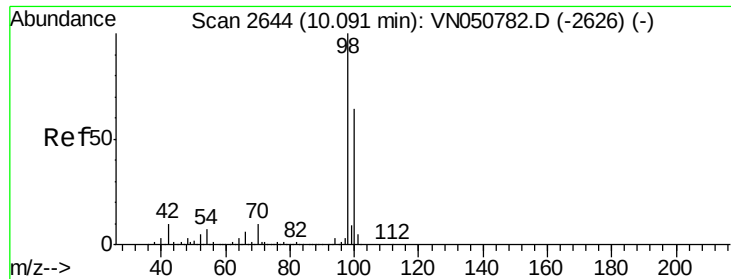
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	22.6	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 23.92 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050833.D
 Acq: 22 Aug 2018 20:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	17.5	26.3
87	11.5	11.3	16.9

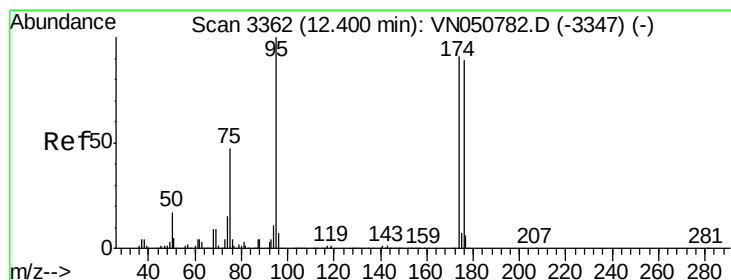
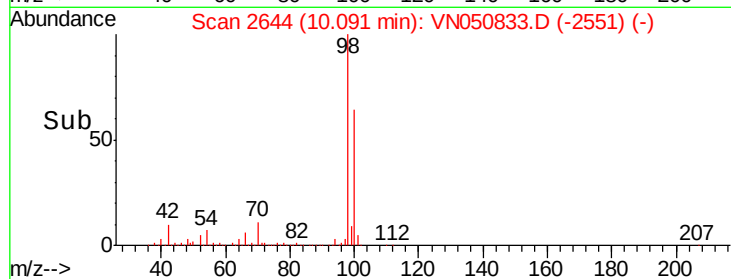
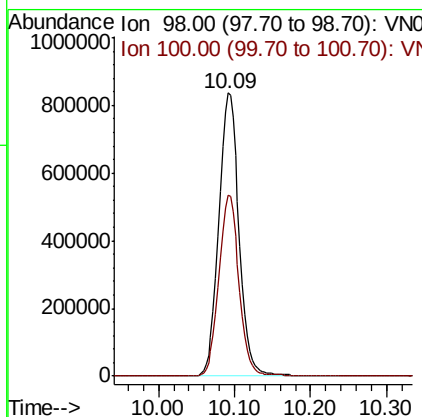
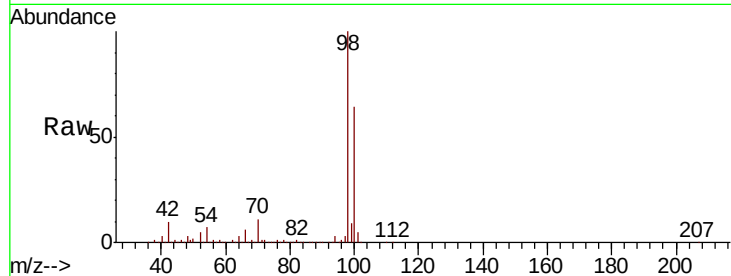




#50
Toluene-d8
Concen: 45.70 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050833.D
Acq: 22 Aug 2018 20:48

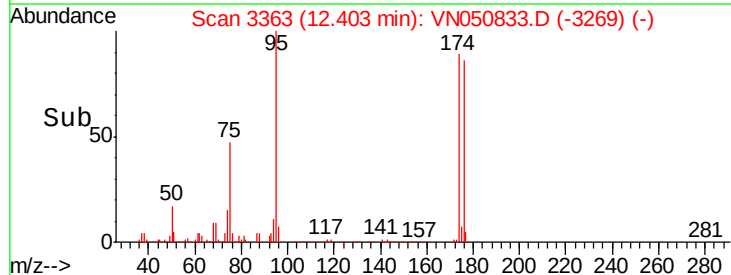
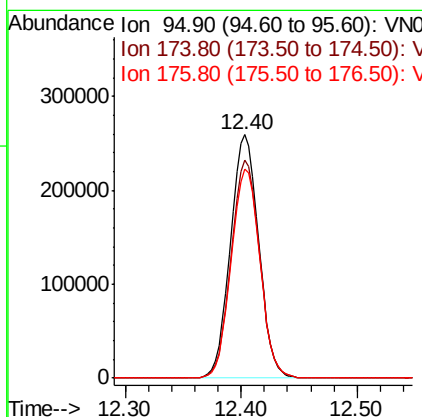
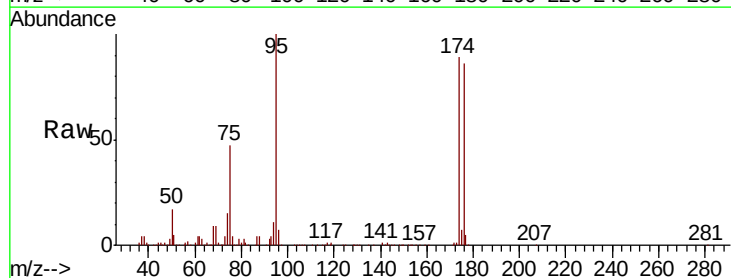
Instrument :
MSVOA_N
ClientSampleId :
RN-SOIL

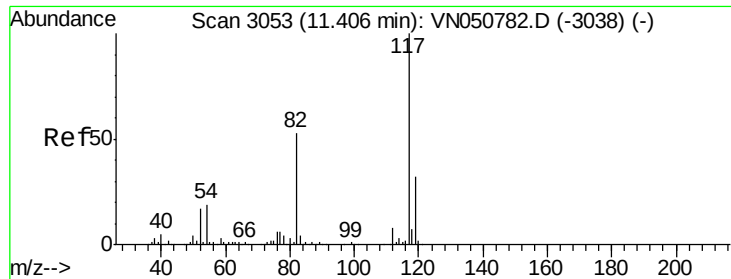
Tot Ion: 98 Resp: 1544087
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 38.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050833.D
Acq: 22 Aug 2018 20:48

Tgt Ion: 95 Resp: 434738
Ion Ratio Lower Upper
95 100
174 90.3 0.0 183.0
176 87.6 0.0 178.8

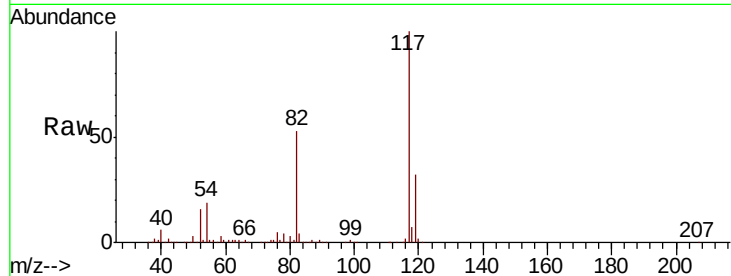




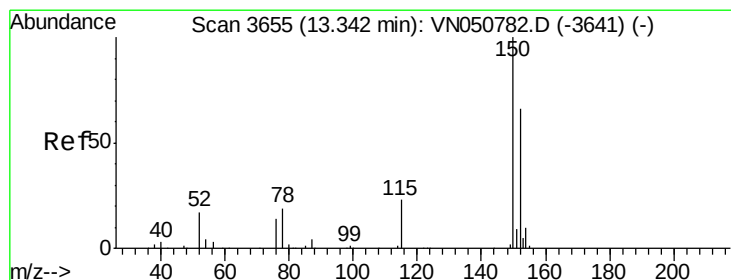
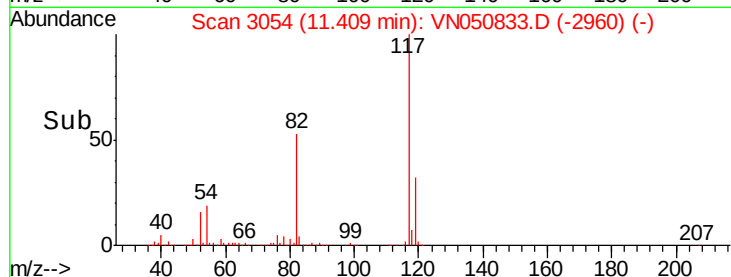
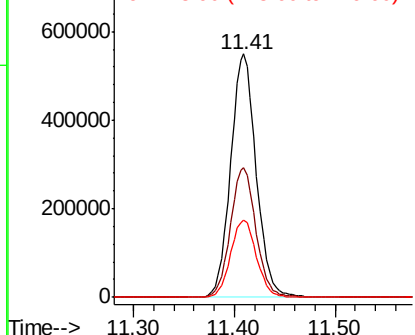
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050833.D
Acq: 22 Aug 2018 20:48

Instrument :
MSVOA_N
ClientSampleId :
RN-SOIL

Tot Ion:117 Resp: 967543
Ion Ratio Lower Upper
117 100
82 53.4 42.6 64.0
119 31.8 25.8 38.6

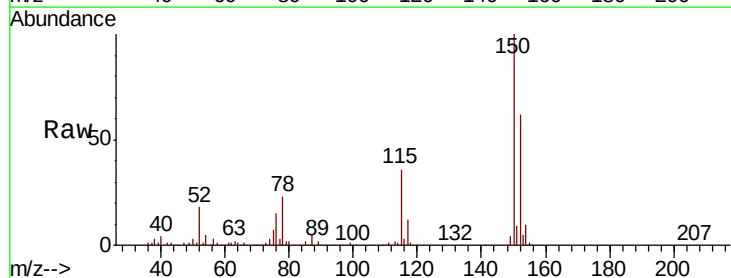


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

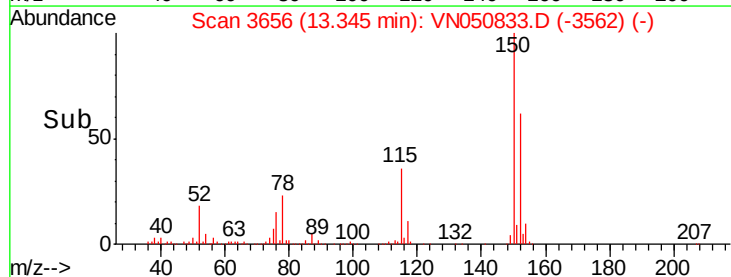
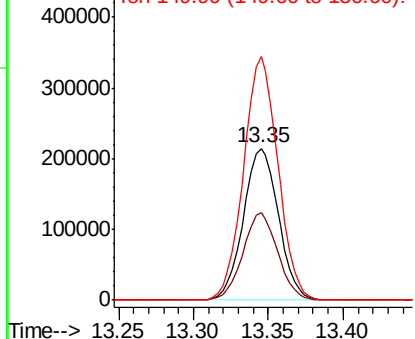


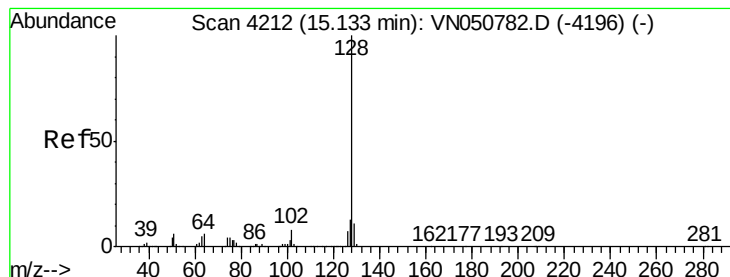
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050833.D
Acq: 22 Aug 2018 20:48

Tgt Ion:152 Resp: 350327
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.4
150 157.3 0.0 351.4



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: 7.15 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050833.D

Acq: 22 Aug 2018 20:48

Instrument :

MSVOA_N

ClientSampleId :

RN-SOIL

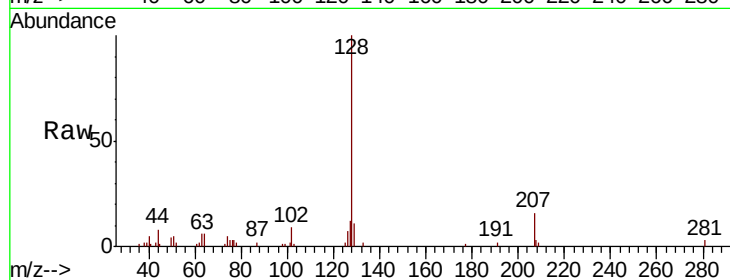
Tot Ion:128 Resp: 27497

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 10.5 8.7 13.1



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

