

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049928.D
 Acq On : 19 Jul 2018 20:19
 Operator : MD\SY
 Sample : J4051-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NS-SOIL

Quant Time: Jul 20 02:28:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	529431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	930476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	781702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289040	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	402290	55.28	ug/l	0.00
Spiked Amount						
			Recovery	=	110.56%	
35) Dibromofluoromethane	7.59	113	349392	44.73	ug/l	0.00
Spiked Amount						
			Recovery	=	89.46%	
50) Toluene-d8	10.09	98	1231338	43.26	ug/l	0.00
Spiked Amount						
			Recovery	=	86.52%	
62) 4-Bromofluorobenzene	12.40	95	338321	34.52	ug/l	0.00
Spiked Amount						
			Recovery	=	69.04%	

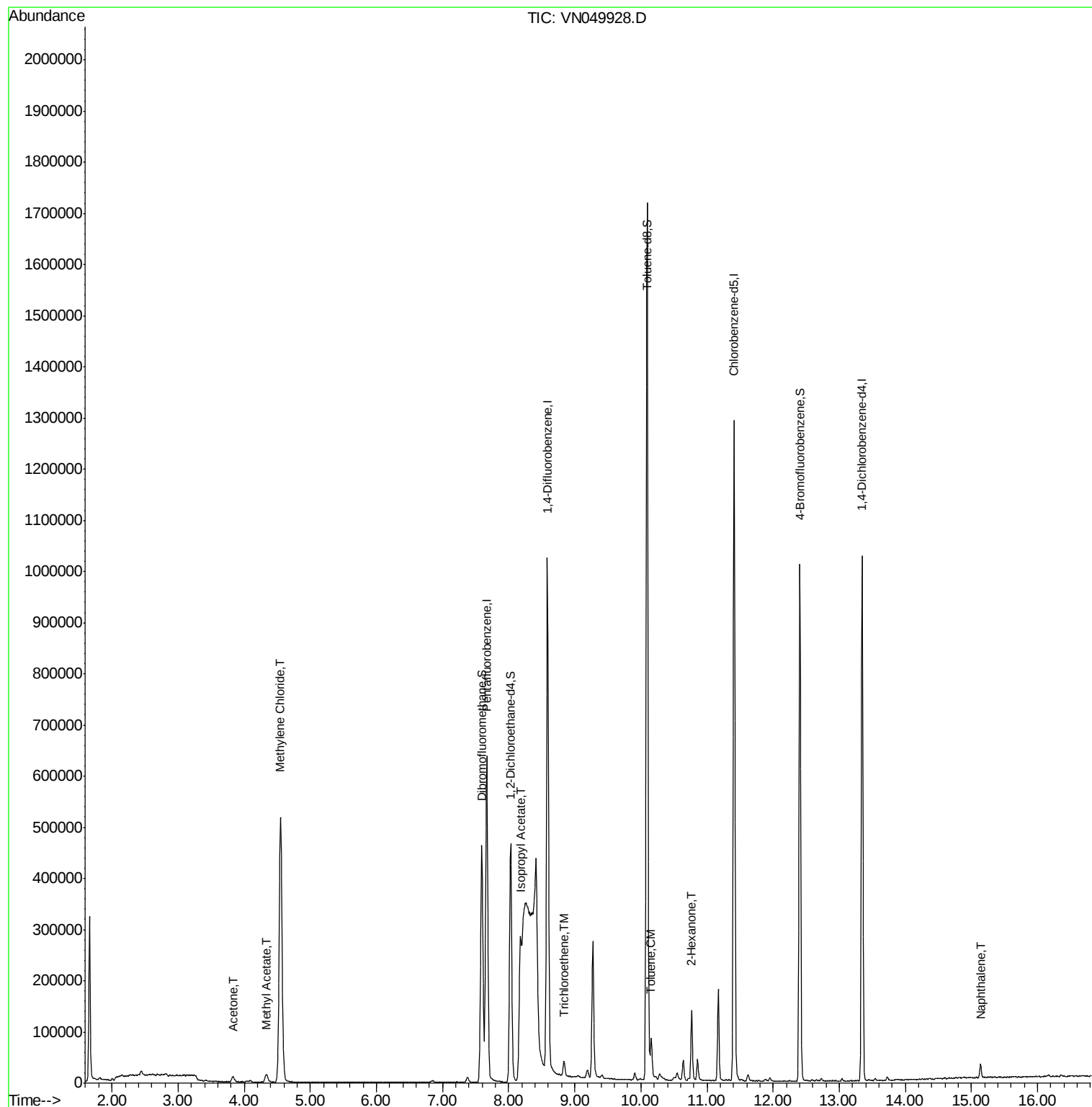
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	17308	9.19	ug/l	99
18) Methyl Acetate	4.33	43	29588	4.24	ug/l	98
20) Methylene Chloride	4.55	84	400167	55.85	ug/l	99
43) Isopropyl Acetate	8.17	43	348715	28.10	ug/l #	89
44) Trichloroethene	8.84	130	10863	1.31	ug/l	95
52) Toluene	10.16	92	30222	1.61	ug/l	98
59) 2-Hexanone	10.77	43	19229	4.13	ug/l #	57
95) Naphthalene	15.14	128	23012	6.02	ug/l	98

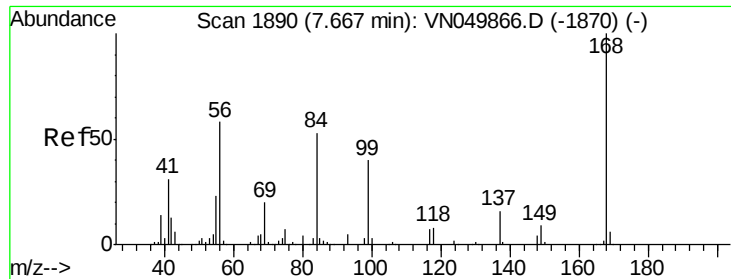
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071918\
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049928.D

Acq: 19 Jul 2018 20:19

Instrument :

MSVOA_N

ClientSampled :

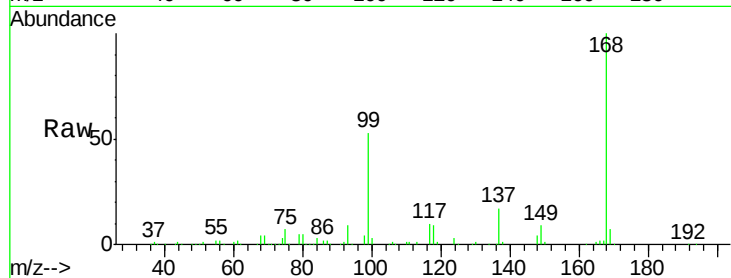
NS-SOIL

Tot Ion:168 Resp: 529431

Ion Ratio Lower Upper

168 100

99 53.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

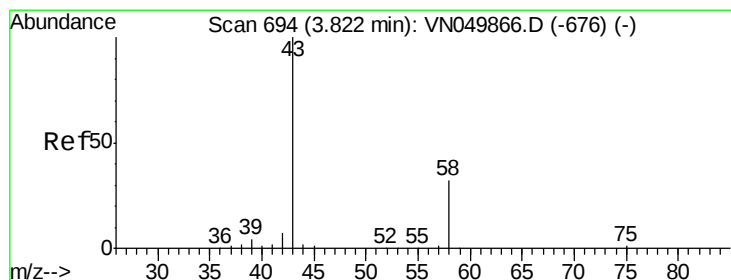
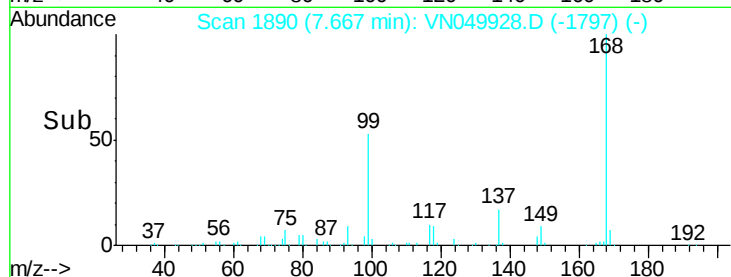
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.19 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049928.D

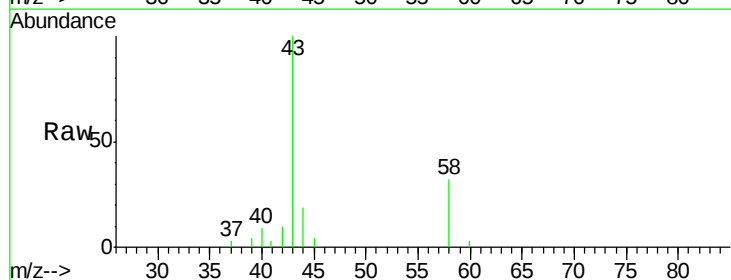
Acq: 19 Jul 2018 20:19

Tgt Ion: 43 Resp: 17308

Ion Ratio Lower Upper

43 100

58 33.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

8000

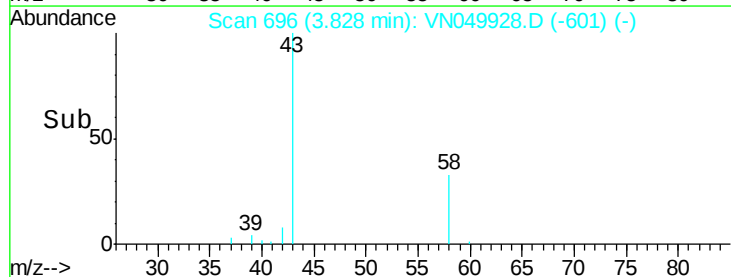
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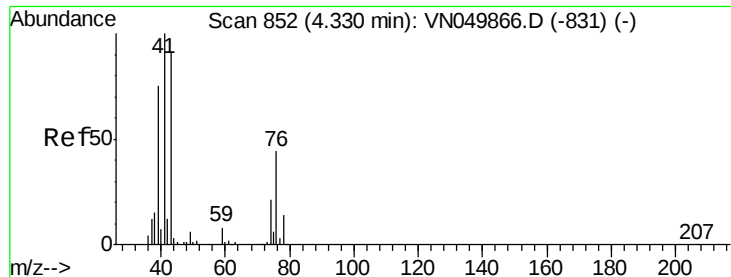
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Time-->

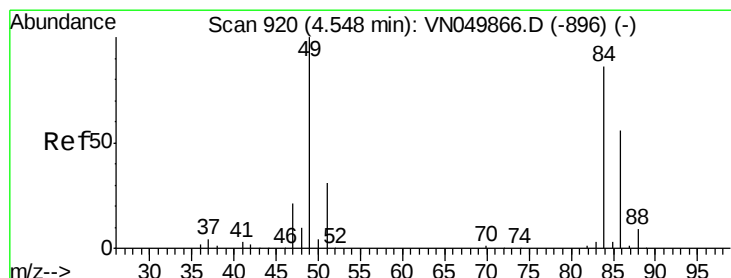
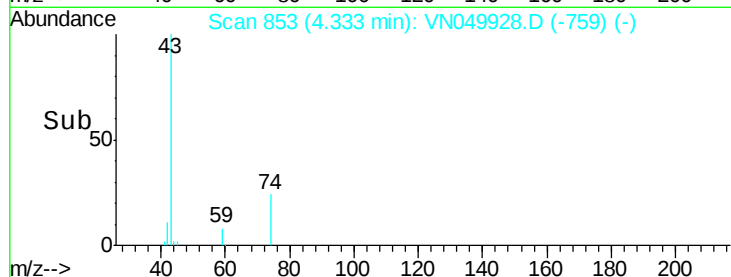
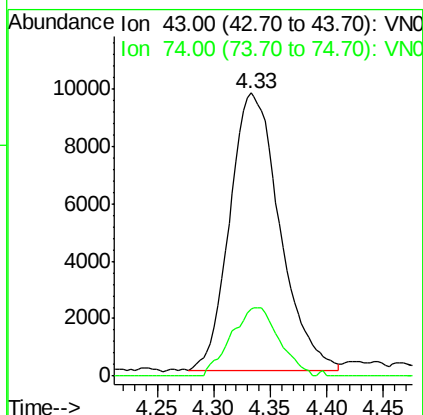
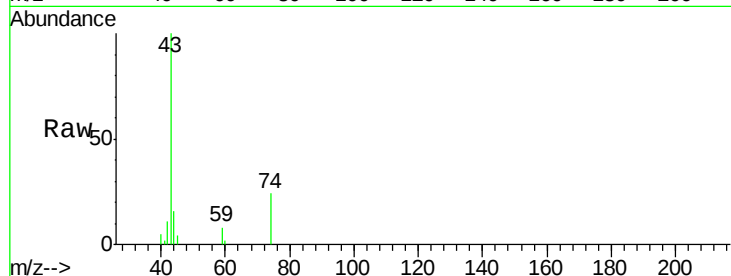




#18
Methvl Acetate
Concen: 4.24 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049928.D
Acq: 19 Jul 2018 20:19

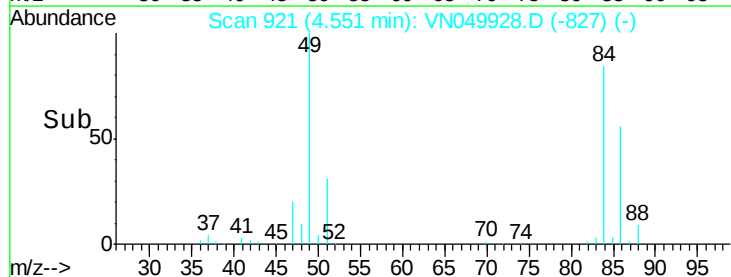
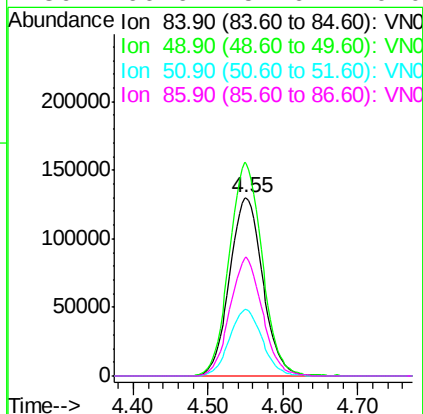
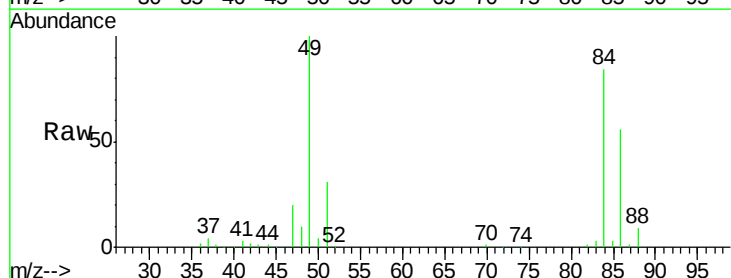
Instrument :
MSVOA_N
ClientSampled :
NS-SOIL

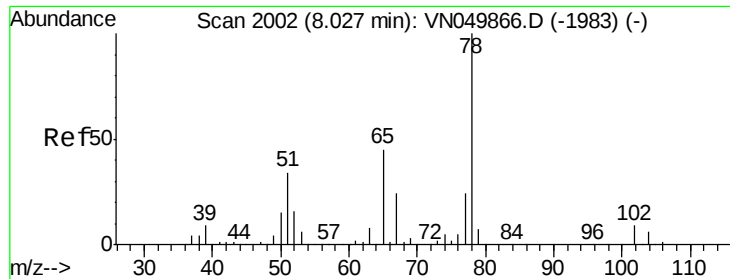
Tot Ion: 43 Resp: 29588
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8



#20
Methylene Chloride
Concen: 55.85 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049928.D
Acq: 19 Jul 2018 20:19

Tgt Ion: 84 Resp: 400167
Ion Ratio Lower Upper
84 100
49 119.1 95.4 143.2
51 37.3 28.4 42.6
86 66.6 52.6 79.0

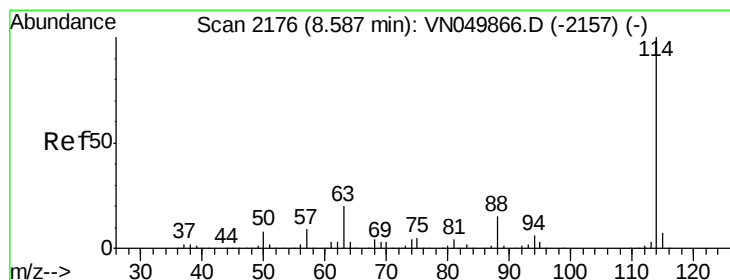
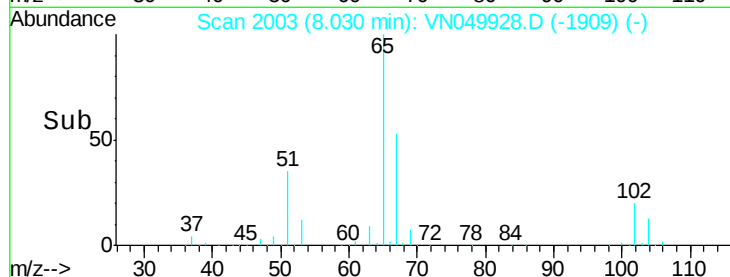
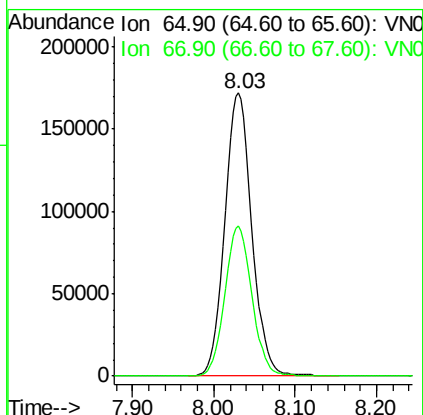
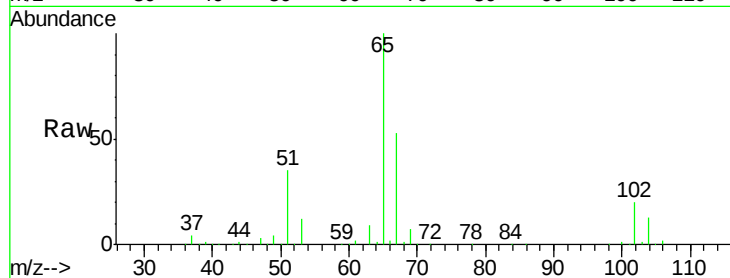




#33
 1,2-Dichloroethane-d4
 Concen: 55.28 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049928.D
 Acq: 19 Jul 2018 20:19

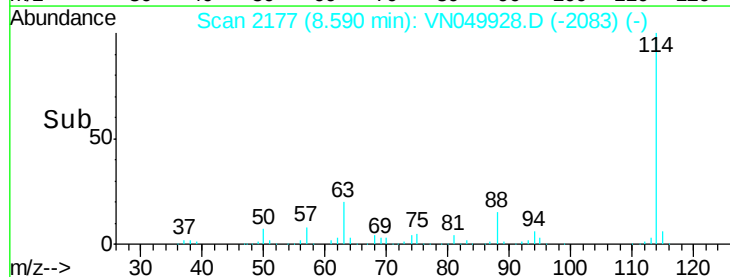
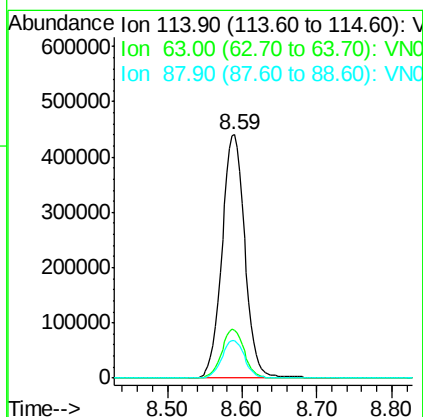
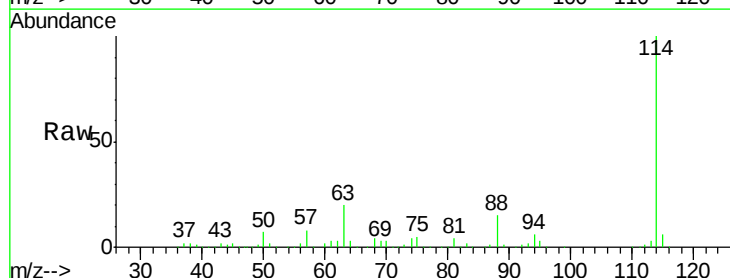
Instrument :
 MSVOA_N
 ClientSampleId :
 NS-SOIL

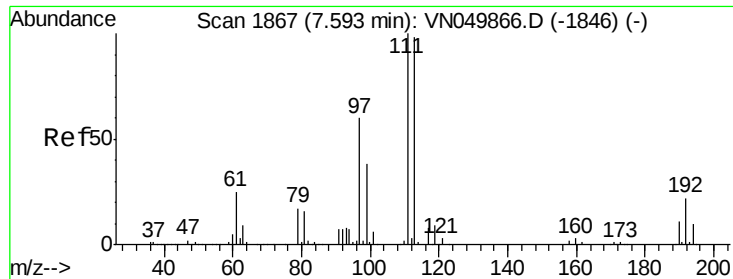
Tot Ion: 65 Resp: 402290
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049928.D
 Acq: 19 Jul 2018 20:19

Tgt Ion: 114 Resp: 930476
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.2 0.0 30.6

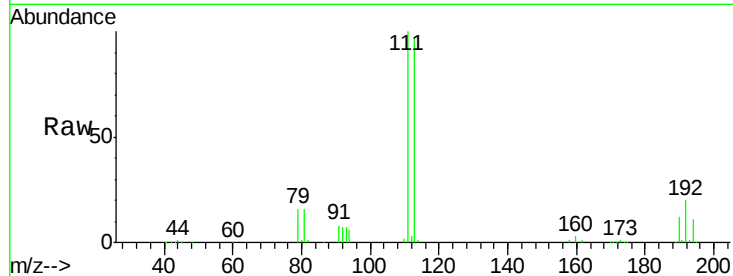




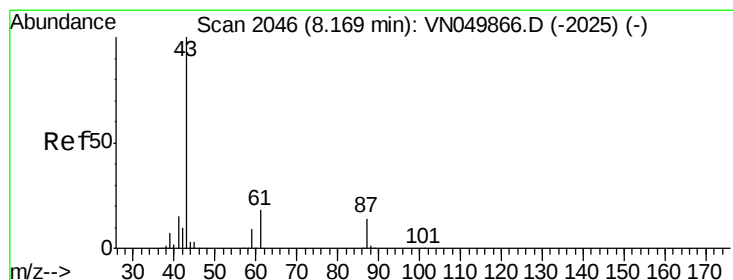
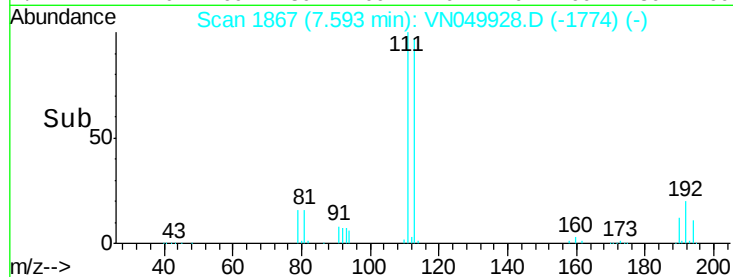
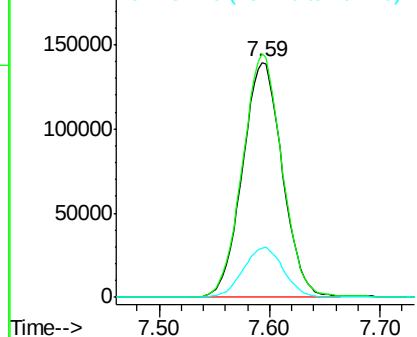
#35
 Dibromofluoromethane
 Concen: 44.73 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049928.D
 Acq: 19 Jul 2018 20:19

Instrument :
 MSVOA_N
 ClientSampled :
 NS-SOIL

Tot Ion:113 Resp: 349392
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 21.5 17.8 26.6

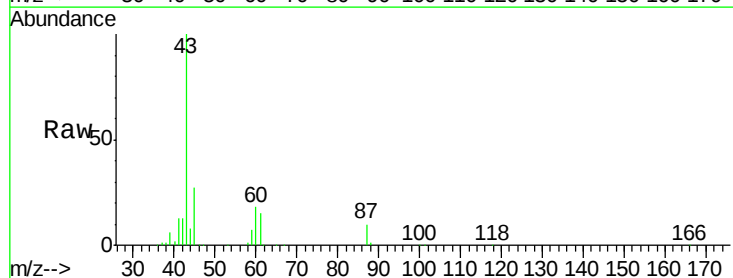


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

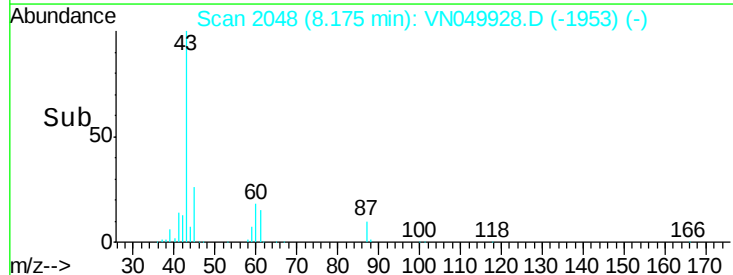
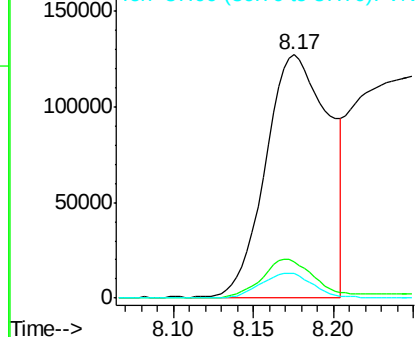


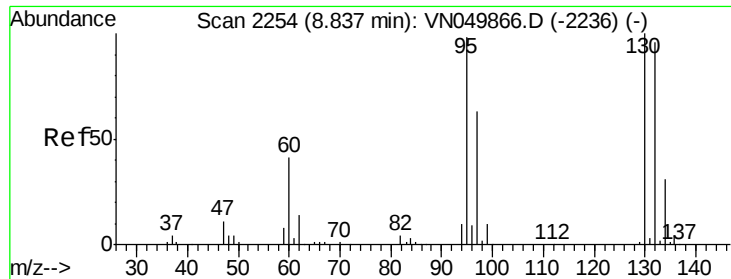
#43
 Isopropyl Acetate
 Concen: 28.10 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN049928.D
 Acq: 19 Jul 2018 20:19

Tgt Ion: 43 Resp: 348715
 Ion Ratio Lower Upper
 43 100
 61 13.7 14.9 22.3#
 87 8.5 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#44

Trichloroethene

Concen: 1.31 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049928.D

Acq: 19 Jul 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

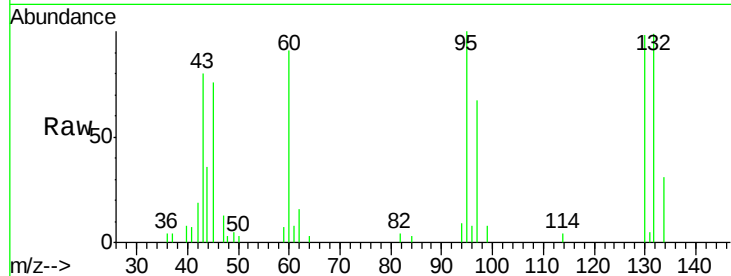
NS-SOIL

Tot Ion:130 Resp: 10863

Ion Ratio Lower Upper

130 100

95 101.6 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049928.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049928.D (-2161) (-)

8.84

6000

5000

4000

3000

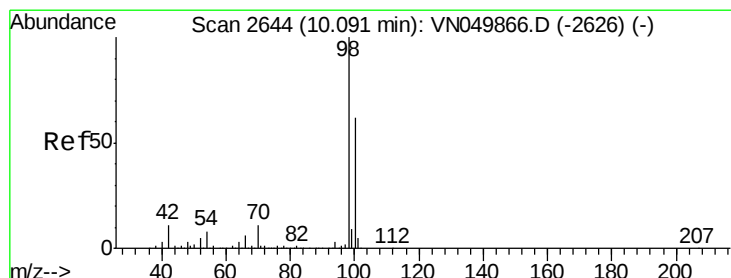
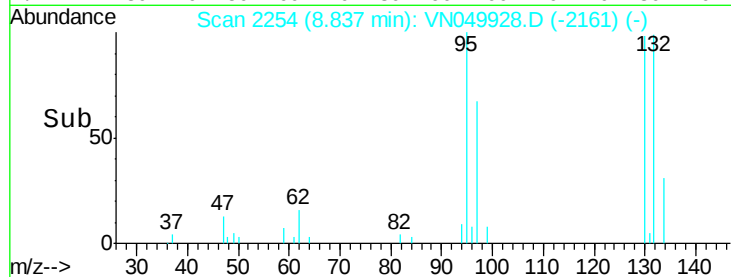
2000

1000

0

8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 43.26 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049928.D

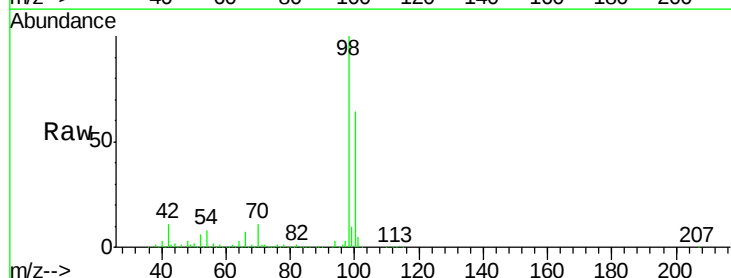
Acq: 19 Jul 2018 20:19

Tgt Ion: 98 Resp: 1231338

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049928.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049928.D (-2551) (-)

10.09

600000

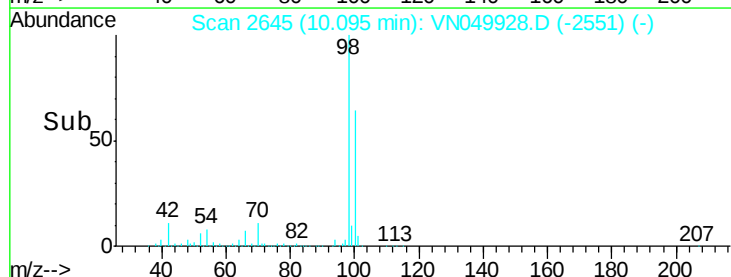
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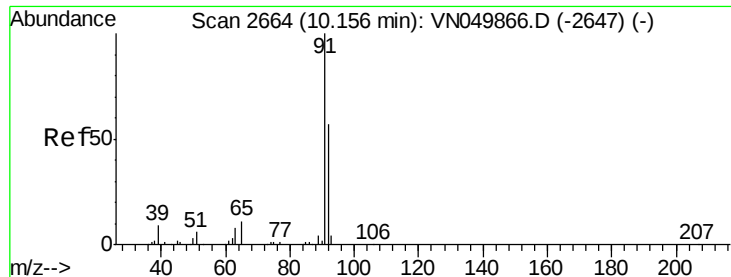
200000

0

10.00 10.10 10.20

Time-->





#52

Toluene

Concen: 1.61 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049928.D

Acq: 19 Jul 2018 20:19

Instrument :

MSVOA_N

ClientSampled :

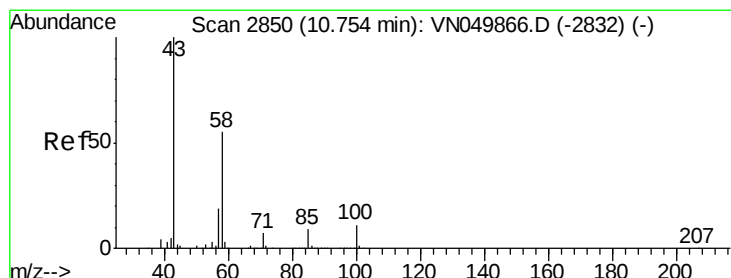
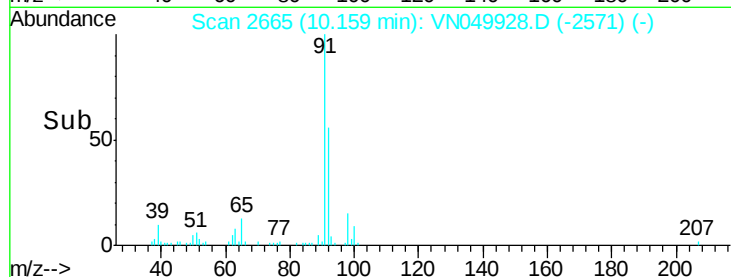
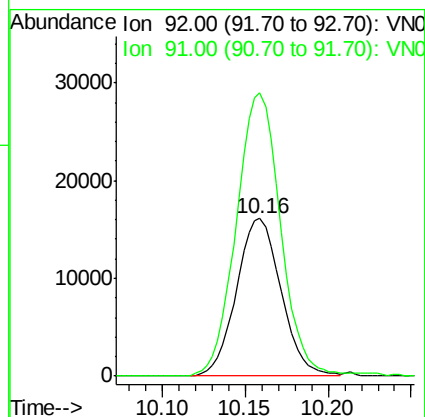
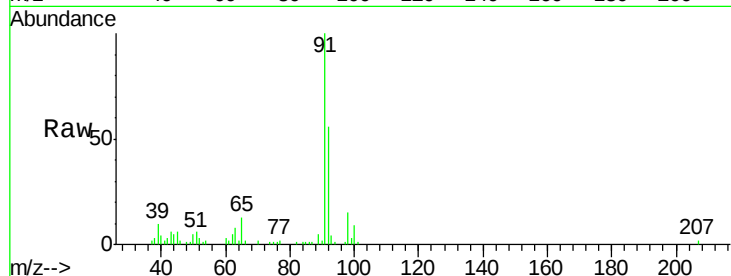
NS-SOIL

Tot Ion: 92 Resp: 30222

Ion Ratio Lower Upper

92 100

91 177.9 140.1 210.1



#59

2-Hexanone

Concen: 4.13 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049928.D

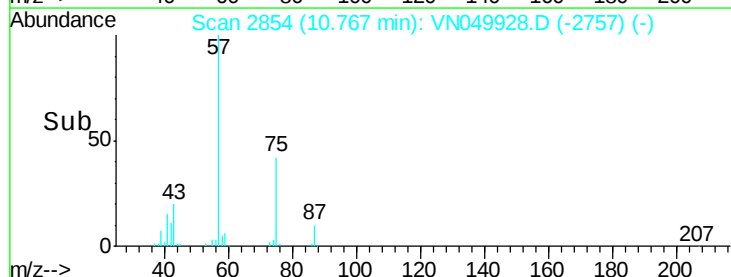
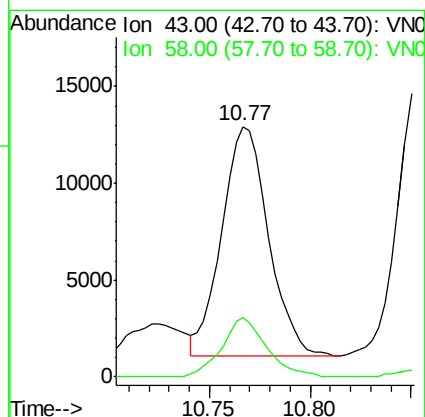
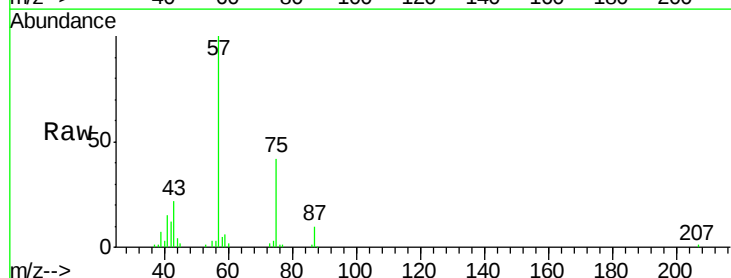
Acq: 19 Jul 2018 20:19

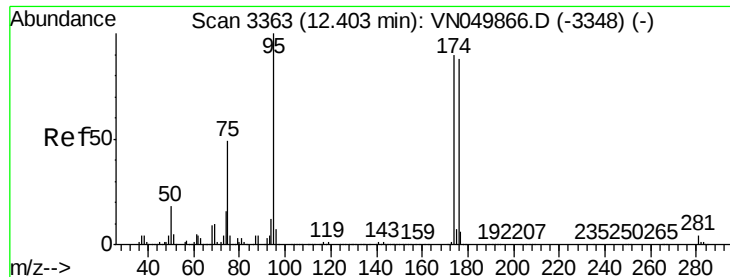
Tgt Ion: 43 Resp: 19229

Ion Ratio Lower Upper

43 100

58 24.7 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049928.D

Acq: 19 Jul 2018 20:19

Instrument :

MSVOA_N

ClientSampled :

NS-SOIL

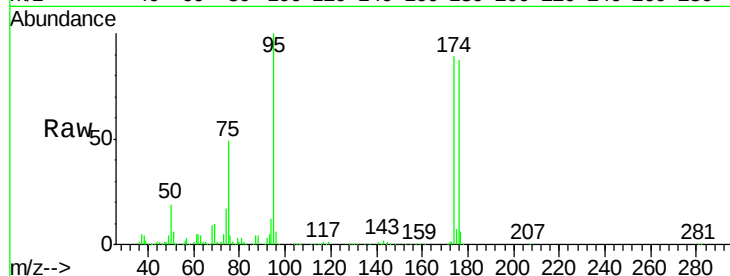
Tot Ion: 95 Resp: 338321

Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.6

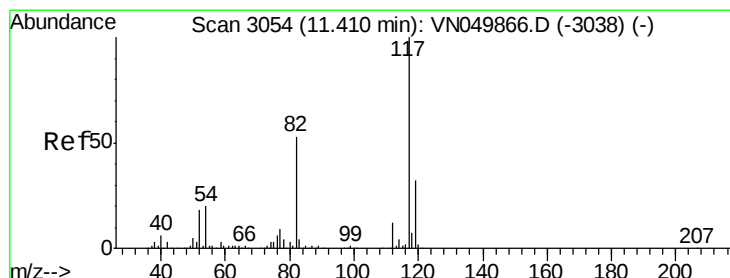
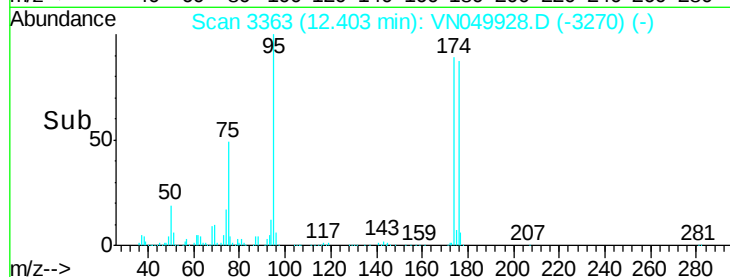
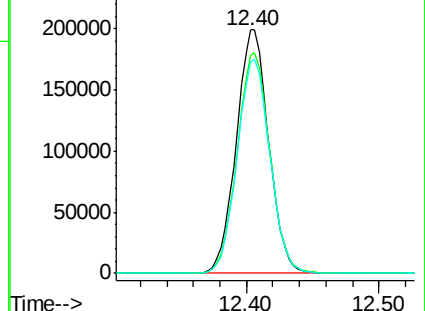
176 88.5 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049928.D (-2961) (-)

Ion 173.80 (173.50 to 174.50): VN049928.D (-2961) (-)

Ion 175.80 (175.50 to 176.50): VN049928.D (-2961) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049928.D

Acq: 19 Jul 2018 20:19

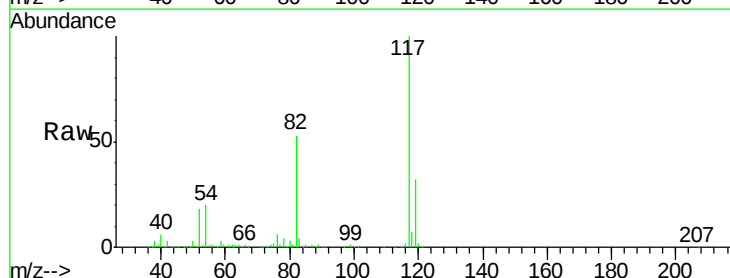
Tgt Ion: 117 Resp: 781702

Ion Ratio Lower Upper

117 100

82 52.5 41.9 62.9

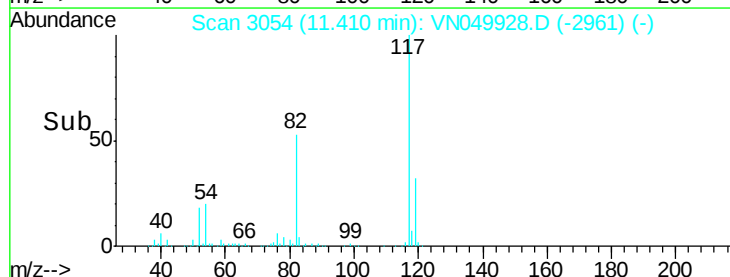
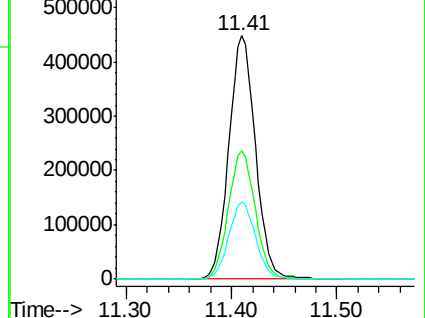
119 31.7 25.4 38.2

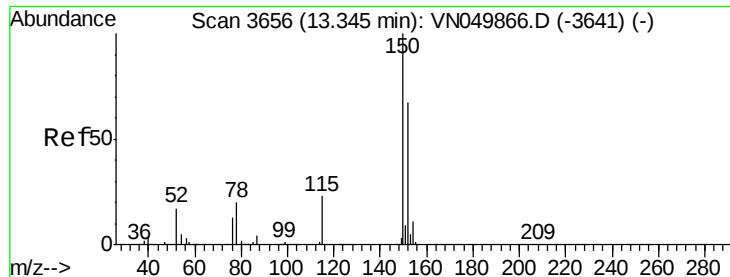


Abundance Ion 116.90 (116.60 to 117.60): VN049928.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049928.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049928.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049928.D

Acq: 19 Jul 2018 20:19

Instrument :

MSVOA_N

ClientSampleId :

NS-SOIL

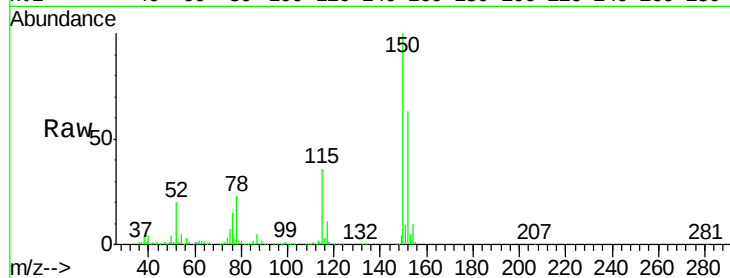
Tot Ion:152 Resp: 289040

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

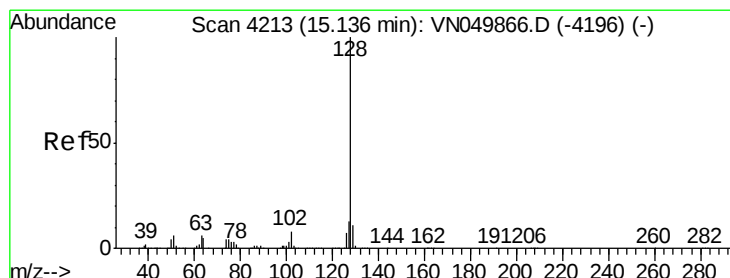
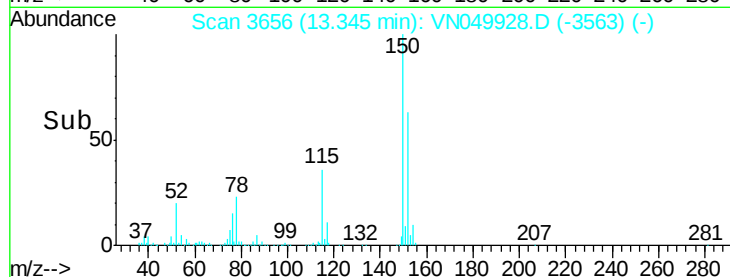
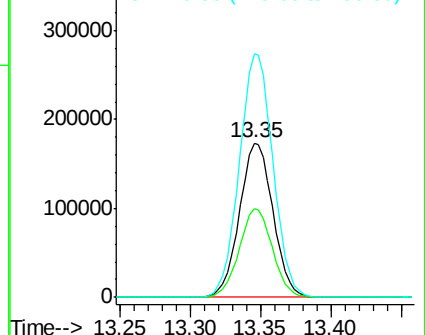
150 158.2 0.0 347.6



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: 6.02 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049928.D

Acq: 19 Jul 2018 20:19

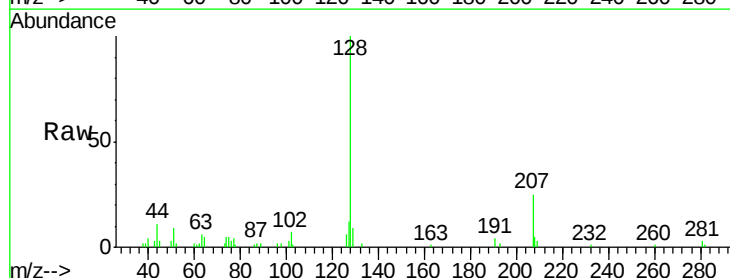
Tgt Ion:128 Resp: 23012

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 10.2 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

