

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049366.D
 Acq On : 19 Jun 2018 1:58
 Operator : MD\SY
 Sample : J3551-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 19 04:24:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

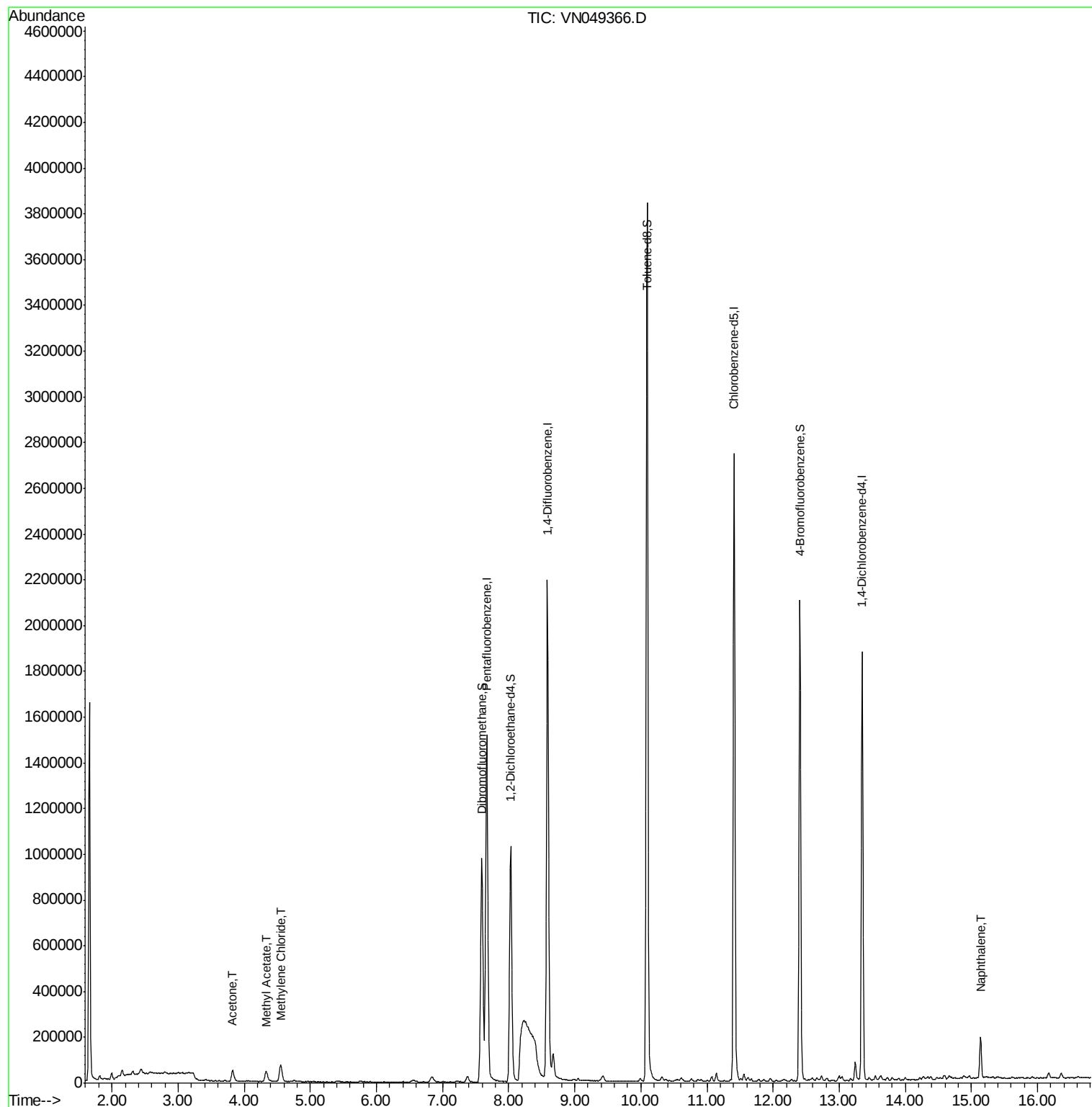
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1288327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2064733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1710857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	532556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	861298	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	7.59	113	757373	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
50) Toluene-d8	10.09	98	2800118	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
62) 4-Bromofluorobenzene	12.41	95	744678	35.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.82%	
Target Compounds						
16) Acetone	3.82	43	80798	19.475	ug/l	89
18) Methyl Acetate	4.33	43	91968	7.270	ug/l #	78
20) Methylene Chloride	4.55	84	55922	3.227	ug/l	92
95) Naphthalene	15.14	128	162613	12.763	ug/l	99

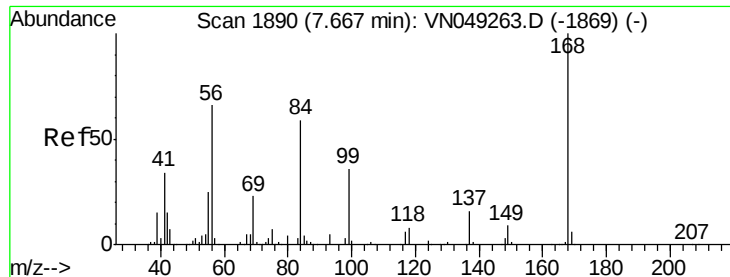
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
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Acq On : 19 Jun 2018 1:58
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampled :

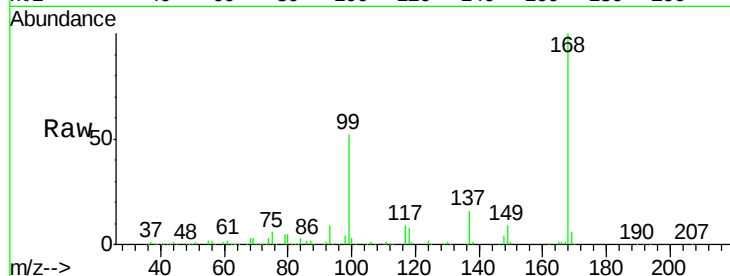
OILY-SOIL

Tot Ion:168 Resp: 1288327

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

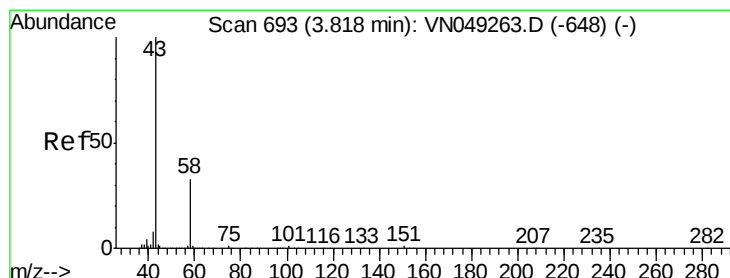
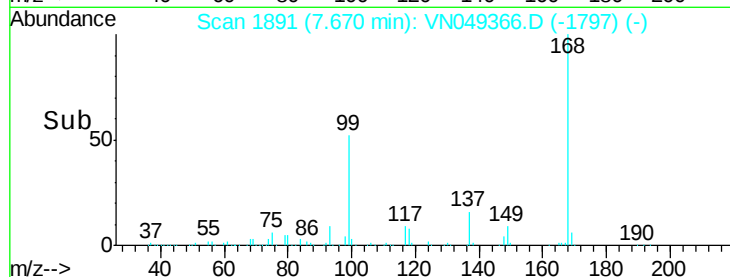
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 19.475 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049366.D

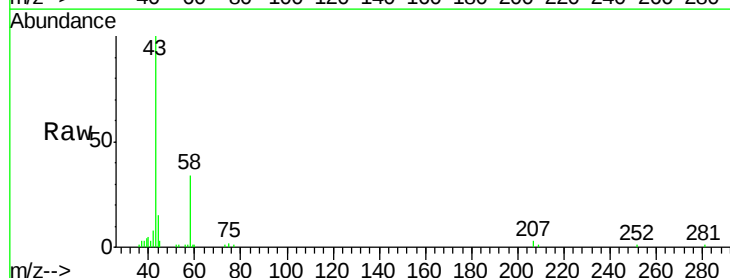
Acq: 19 Jun 2018 1:58

Tgt Ion: 43 Resp: 80798

Ion Ratio Lower Upper

43 100

58 33.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

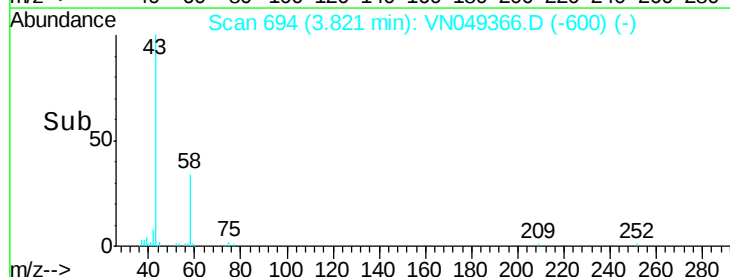
30000

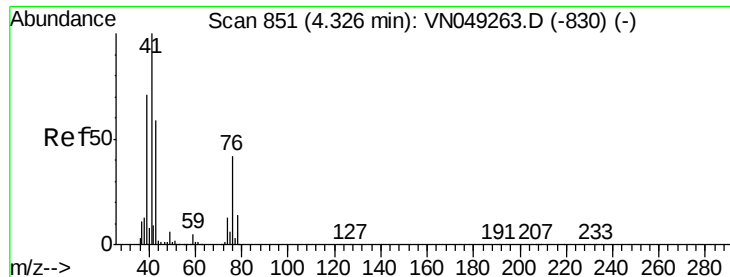
20000

10000

0

Time-->

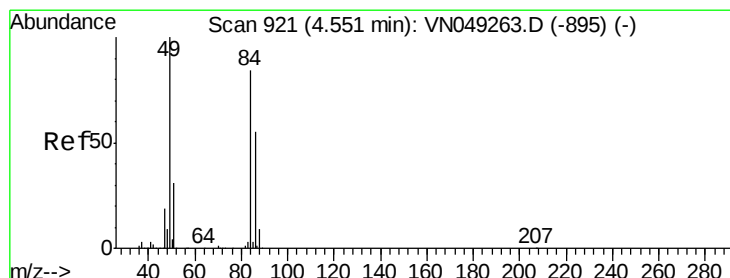
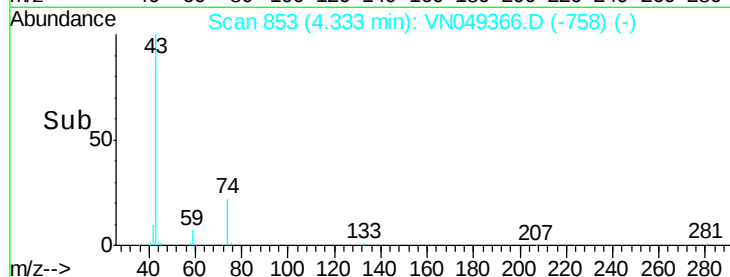
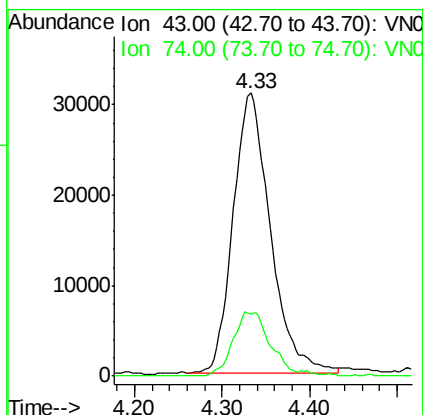
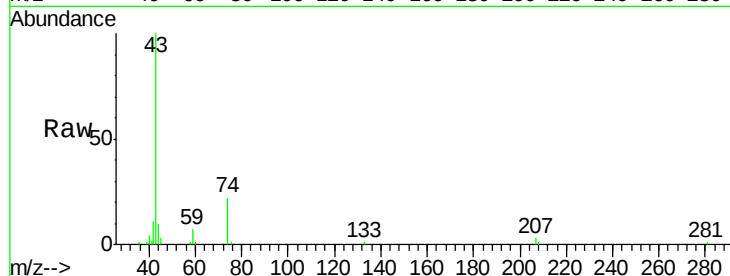




#18
Methvl Acetate
Concen: 7.270 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

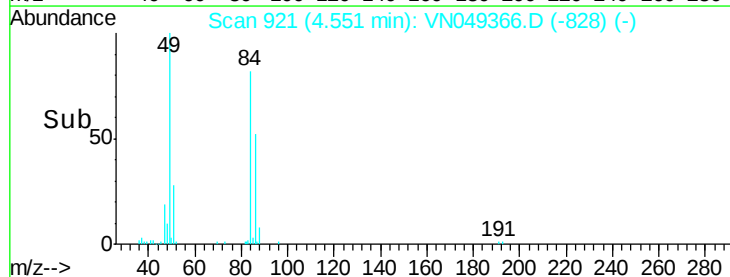
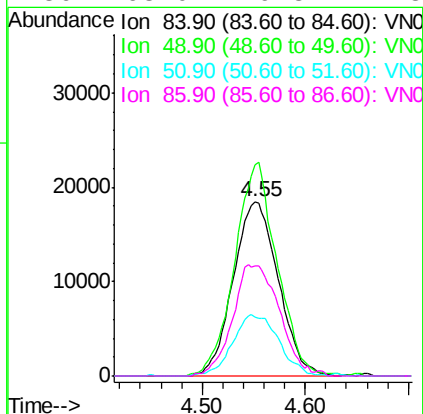
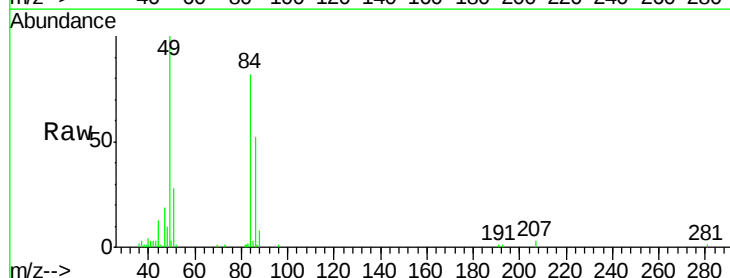
Instrument :
MSVOA_N
ClientSampleId :
OILY-SOIL

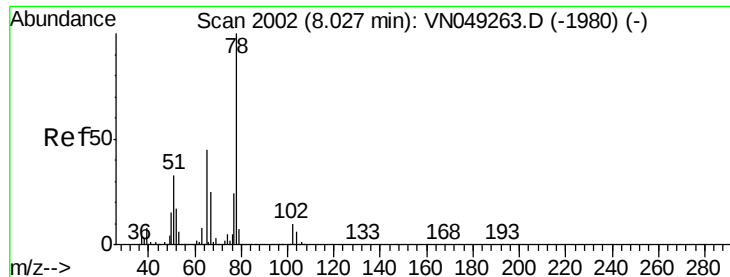
Tot Ion: 43 Resp: 91968
Ion Ratio Lower Upper
43 100
74 11.3 17.4 26.0#



#20
Methylene Chloride
Concen: 3.227 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

Tgt Ion: 84 Resp: 55922
Ion Ratio Lower Upper
84 100
49 120.7 106.9 160.3
51 34.0 32.7 49.1
86 63.0 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.405 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampleId :

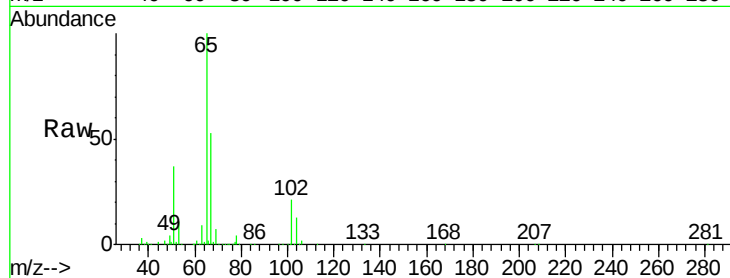
OILY-SOIL

Tot Ion: 65 Resp: 861298

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049366.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049366.D (-1980) (-)

8.03

400000

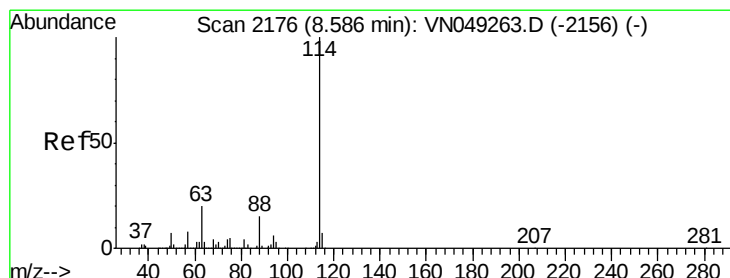
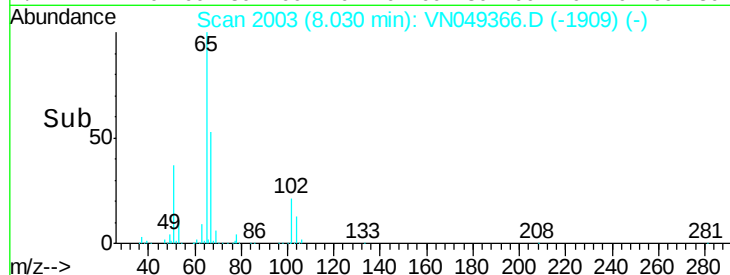
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

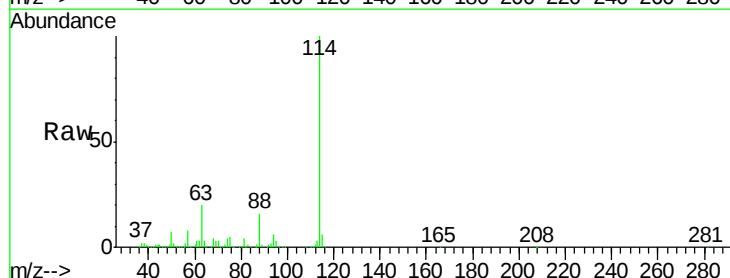
Tgt Ion: 114 Resp: 2064733

Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.4

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049366.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049366.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049366.D (-2156) (-)

8.59

1200000

1000000

800000

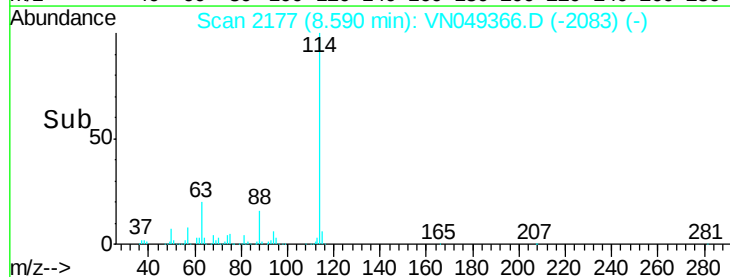
600000

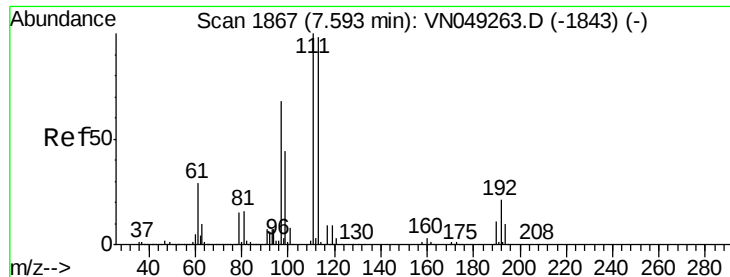
400000

200000

0

Time-->

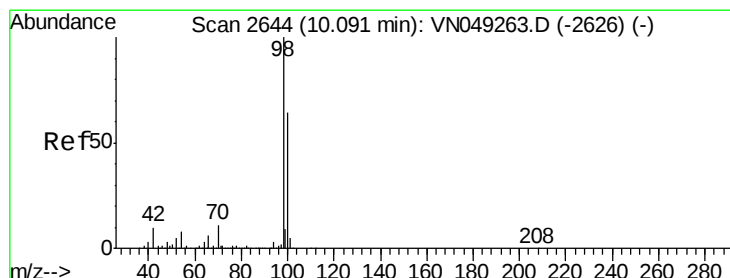
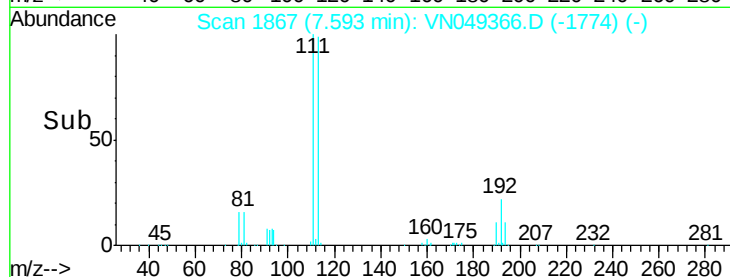
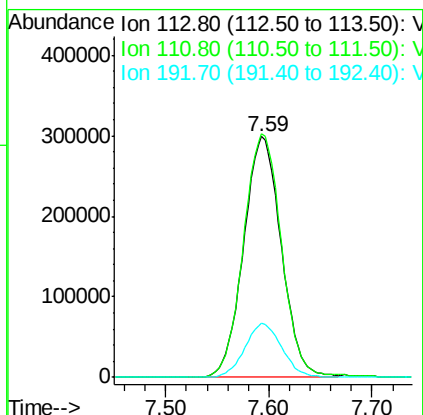
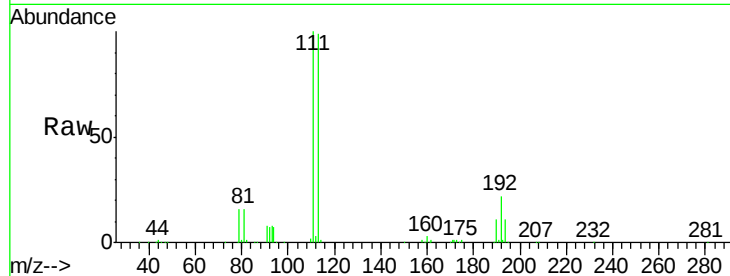




#35
Dibromofluoromethane
Concen: 45.339 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

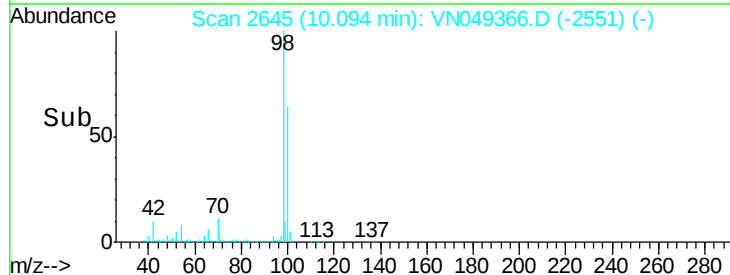
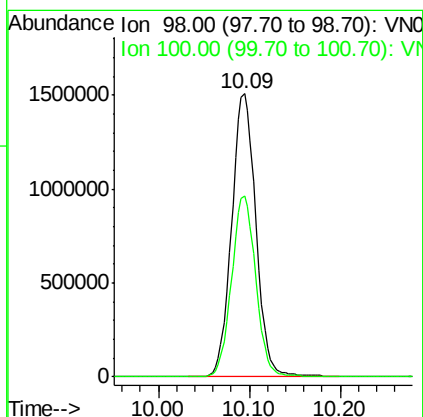
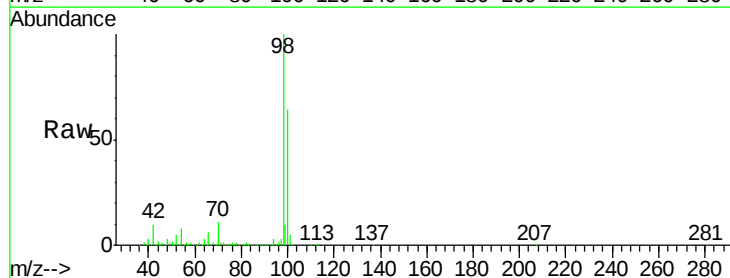
Instrument :
MSVOA_N
ClientSampleId :
OILY-SOIL

Tot Ion:113 Resp: 757373
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 22.2 15.0 22.6



#50
Toluene-d8
Concen: 44.023 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049366.D
Acq: 19 Jun 2018 1:58

Tgt Ion: 98 Resp: 2800118
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 35.408 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampled :

OILY-SOIL

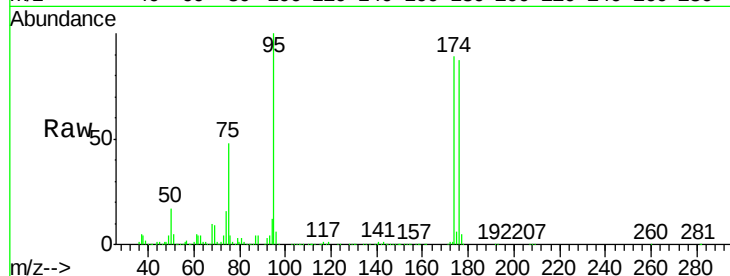
Tot Ion: 95 Resp: 744678

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 86.1 0.0 157.4



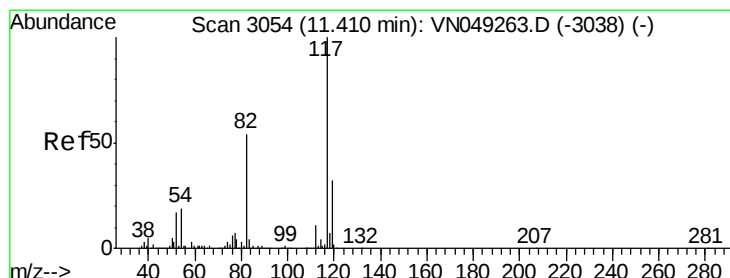
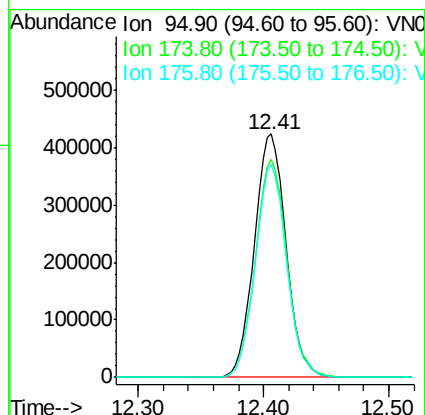
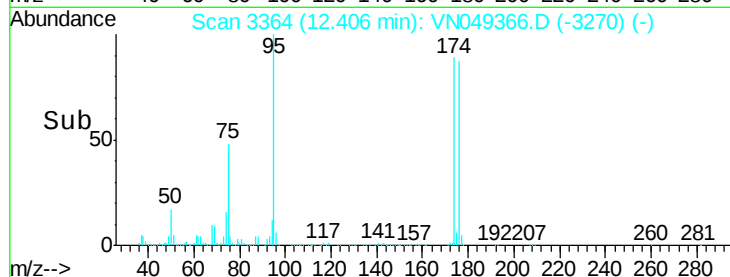
Abundance Ion 94.90 (94.60 to 95.60): VN049366.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049366.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049366.D (-3347) (-)

12.41

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

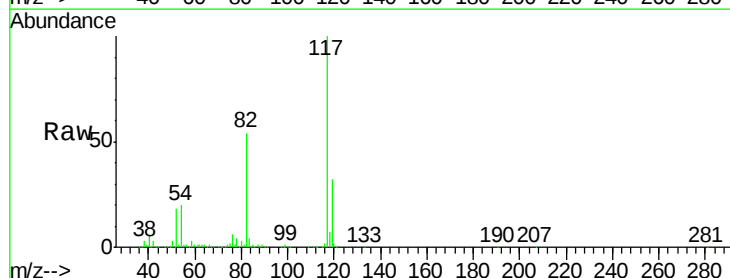
Tgt Ion: 117 Resp: 1710857

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

119 32.1 25.5 38.3



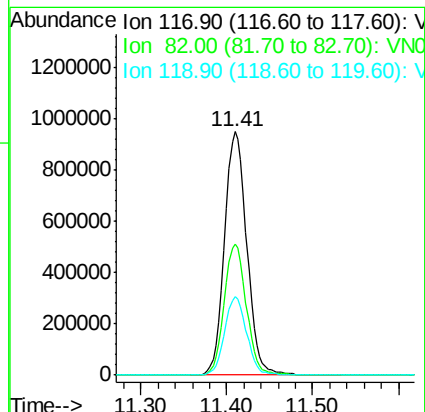
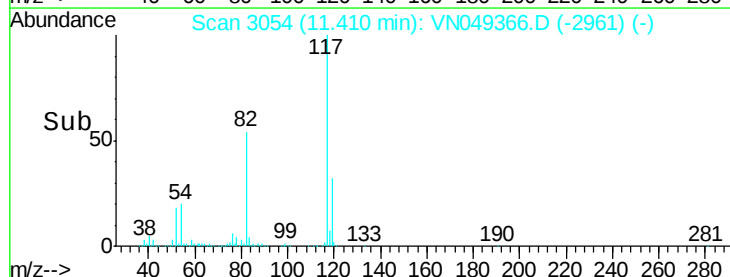
Abundance Ion 116.90 (116.60 to 117.60): VN049366.D (-3038) (-)

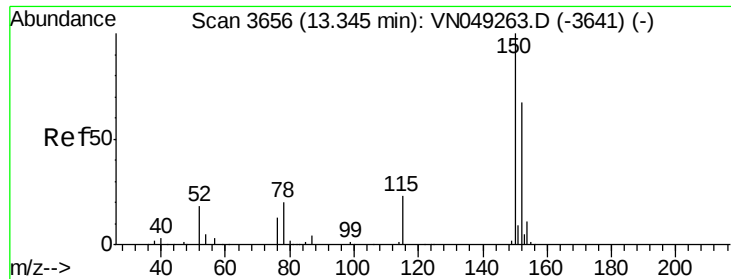
Ion 82.00 (81.70 to 82.70): VN049366.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049366.D (-3038) (-)

11.41

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOIL

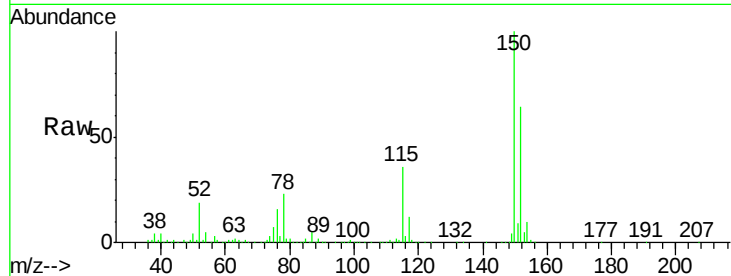
Tot Ion:152 Resp: 532556

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.1

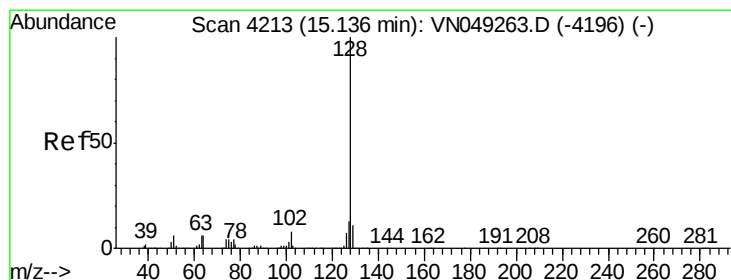
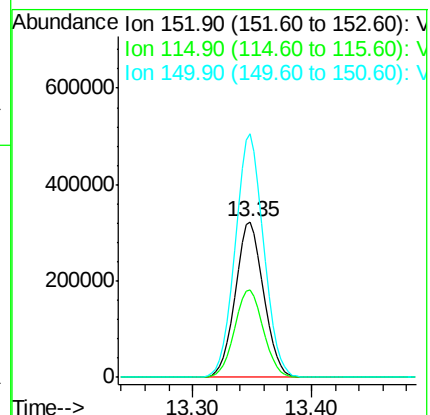
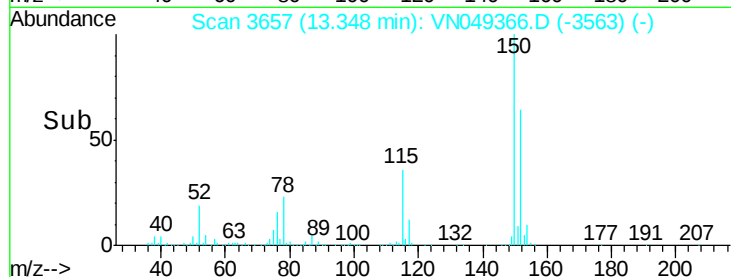
150 156.9 0.0 351.0



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: 12.763 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049366.D

Acq: 19 Jun 2018 1:58

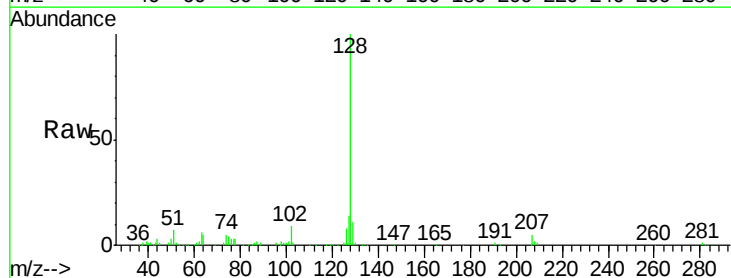
Tgt Ion:128 Resp: 162613

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.1 8.5 12.7



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

