

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049450.D
 Acq On : 20 Jun 2018 21:21
 Operator : MD\SY
 Sample : J3594-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL-4

Quant Time: Jun 21 02:31:40 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

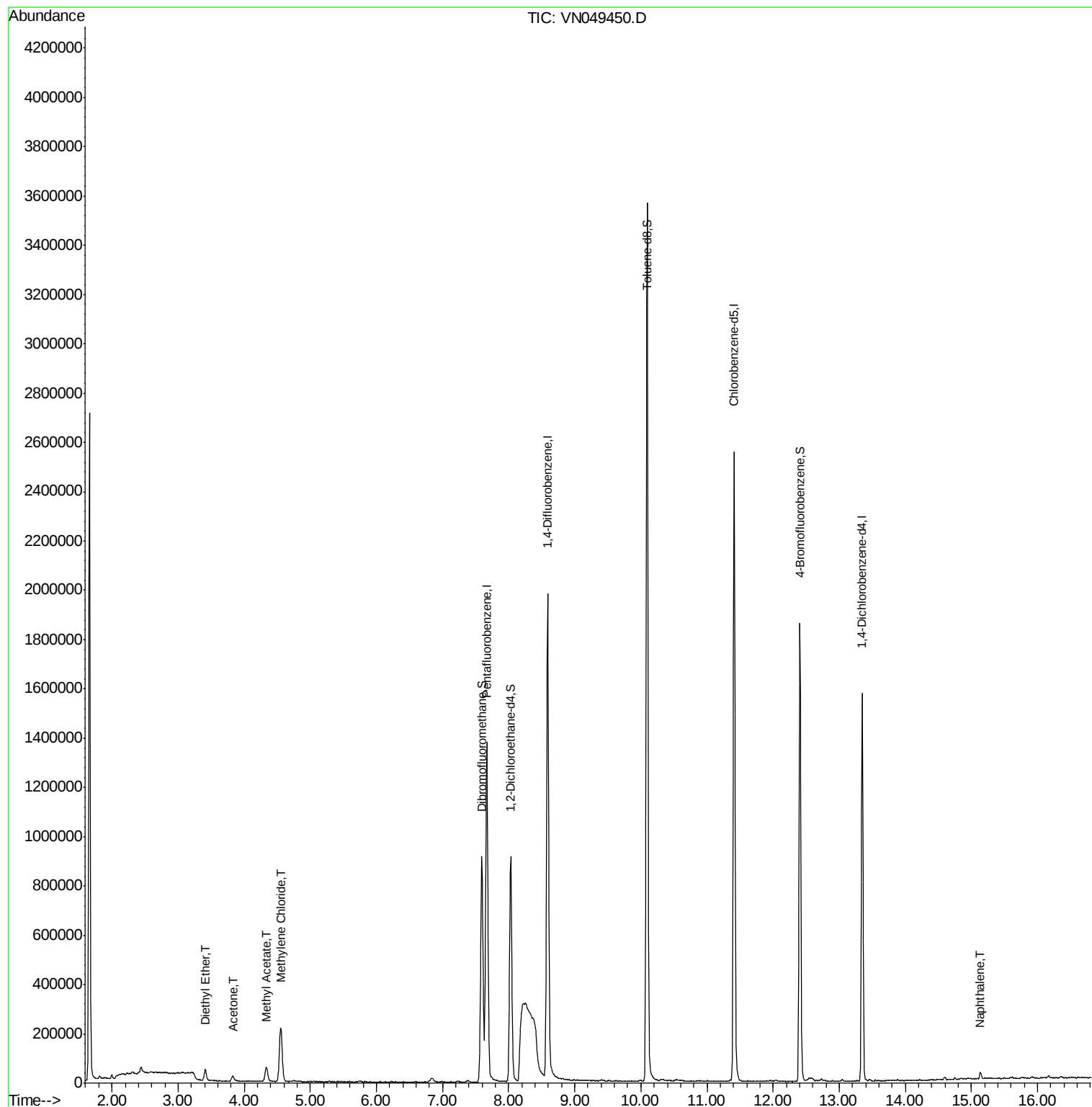
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1188395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1902122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1570330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	455627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	800951	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	7.60	113	707539	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
50) Toluene-d8	10.09	98	2575024	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
62) 4-Bromofluorobenzene	12.41	95	659629	34.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.10%	
Target Compounds						
8) Diethyl Ether	3.41	74	22419	2.74	ug/l	Qvalue 100
16) Acetone	3.82	43	35302	9.22	ug/l	93
18) Methyl Acetate	4.33	43	115995	9.94	ug/l	95
20) Methylene Chloride	4.55	84	168303	10.53	ug/l	90
95) Naphthalene	15.13	128	22398	3.85	ug/l	98

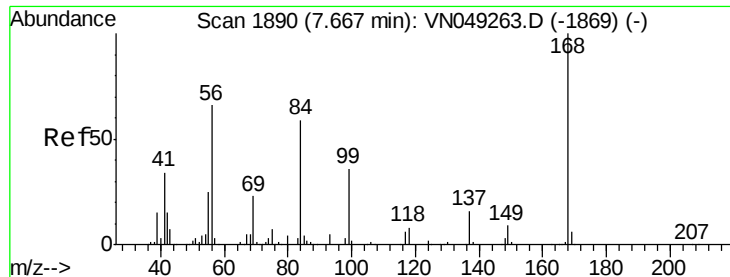
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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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: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049450.D

Acq: 20 Jun 2018 21:21

Instrument :

MSVOA_N

ClientSampleId :

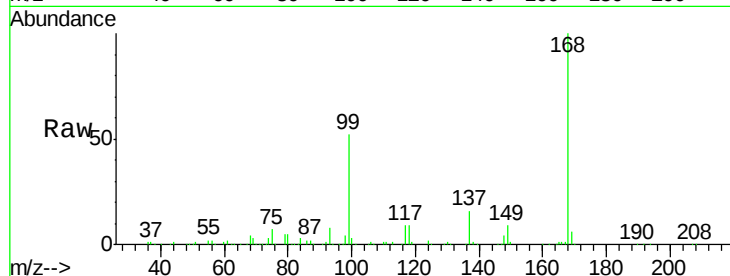
HC-SOIL-4

Tot Ion:168 Resp: 1188395

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

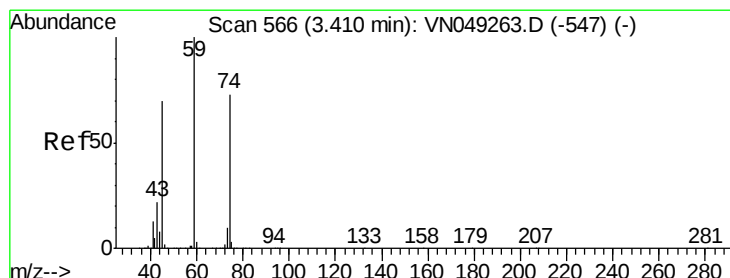
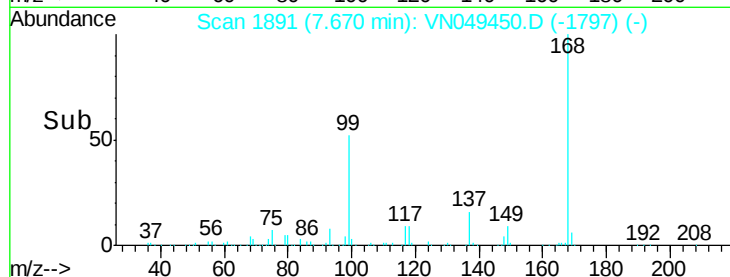
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 2.74 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049450.D

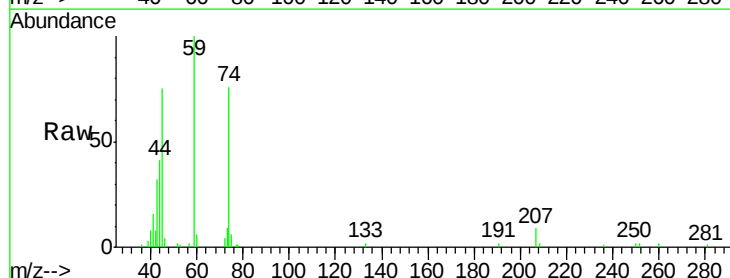
Acq: 20 Jun 2018 21:21

Tgt Ion: 74 Resp: 22419

Ion Ratio Lower Upper

74 100

45 104.4 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

12000

10000

8000

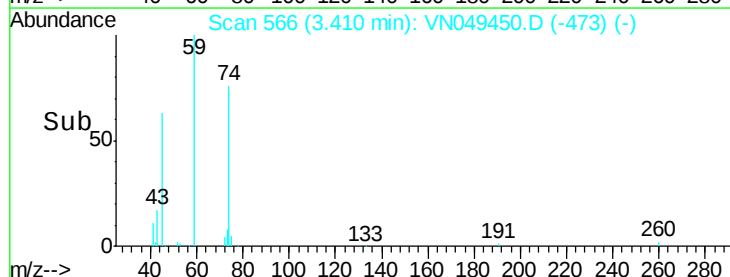
6000

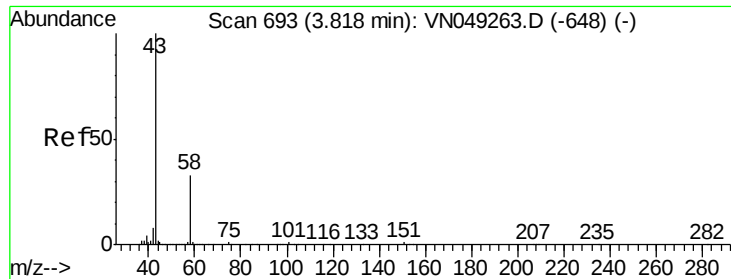
4000

2000

0

Time-->





#16

Acetone

Concen: 9.22 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049450.D

Acq: 20 Jun 2018 21:21

Instrument :

MSVOA_N

ClientSampleId :

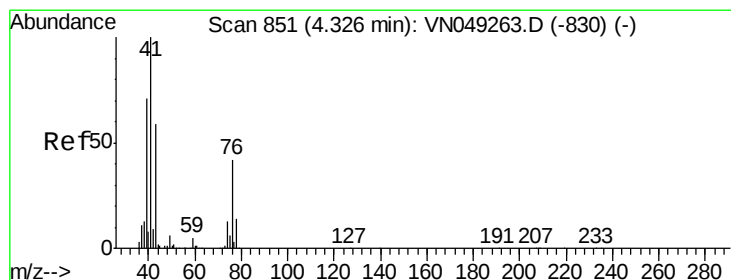
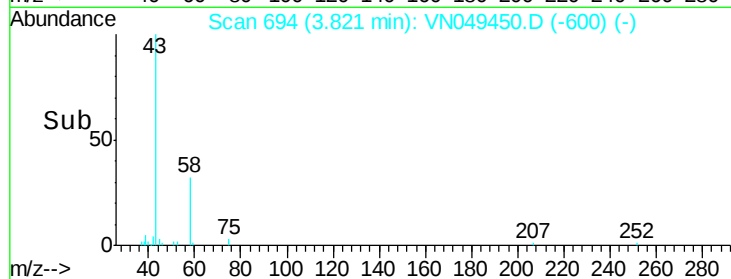
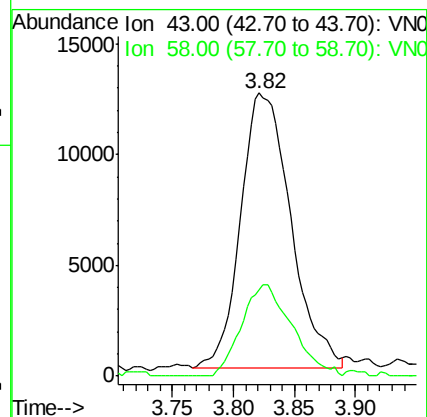
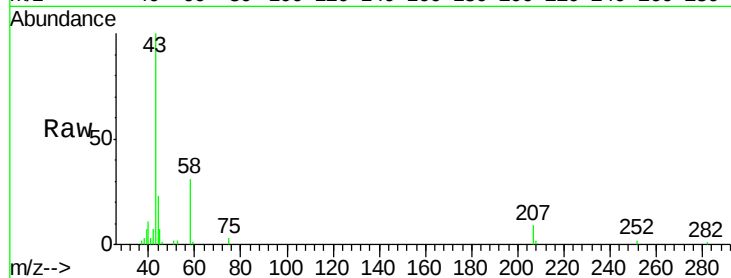
HC-SOIL-4

Tot Ion: 43 Resp: 35302

Ion Ratio Lower Upper

43 100

58 31.5 22.4 33.6



#18

Methyl Acetate

Concen: 9.94 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049450.D

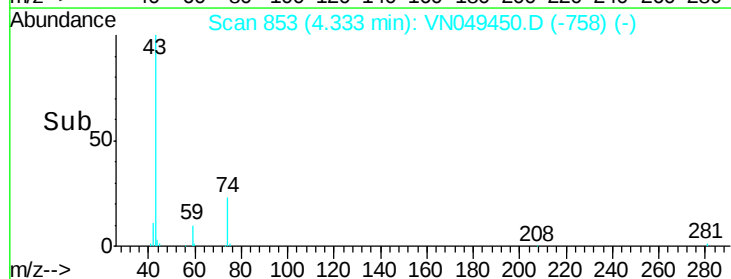
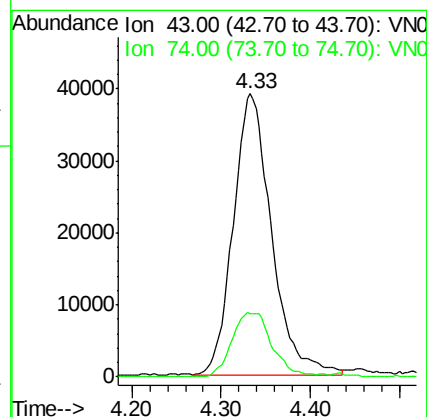
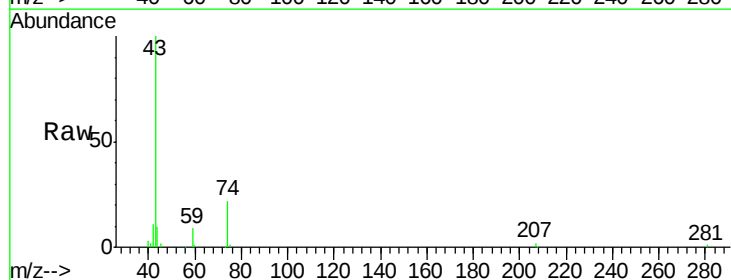
Acq: 20 Jun 2018 21:21

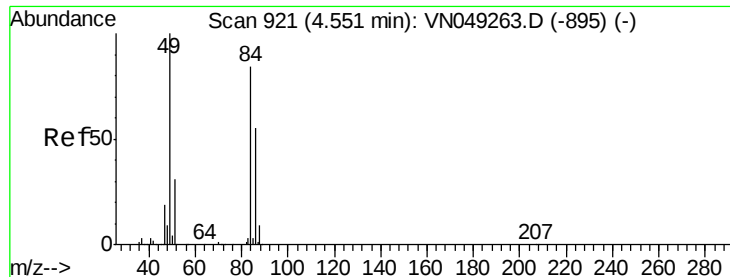
Tgt Ion: 43 Resp: 115995

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0





#20

Methylene Chloride

Concen: 10.53 ug/l

RT: 4.55 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN049450.D

Acq: 20 Jun 2018 21:21

Instrument :

MSVOA_N

ClientSampled :

HC-SOIL-4

Tot Ion: 84 Resp: 168303

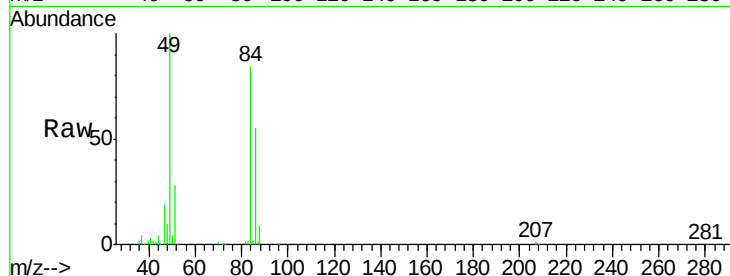
Ion Ratio Lower Upper

84 100

49 119.7 106.9 160.3

51 34.0 32.7 49.1

86 65.6 49.8 74.8

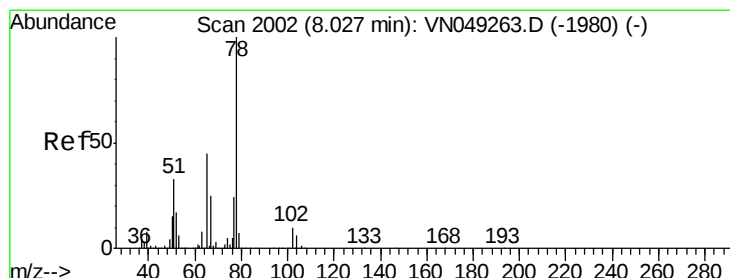
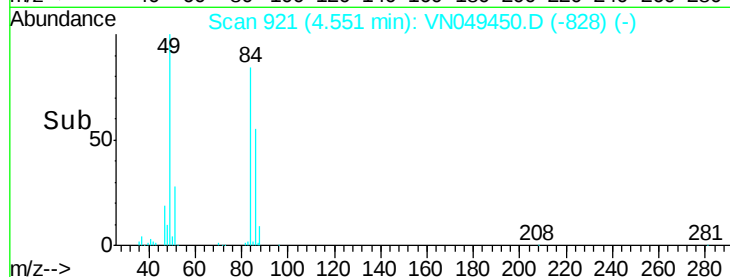
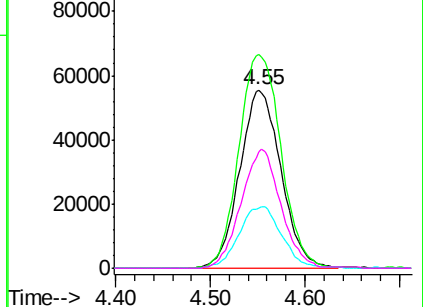


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.81 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049450.D

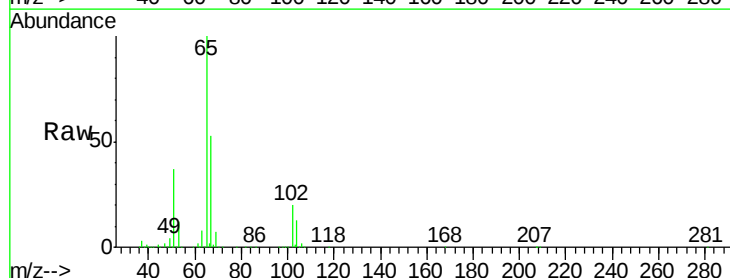
Acq: 20 Jun 2018 21:21

Tgt Ion: 65 Resp: 800951

Ion Ratio Lower Upper

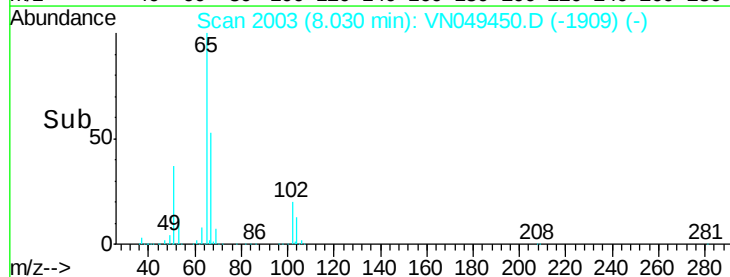
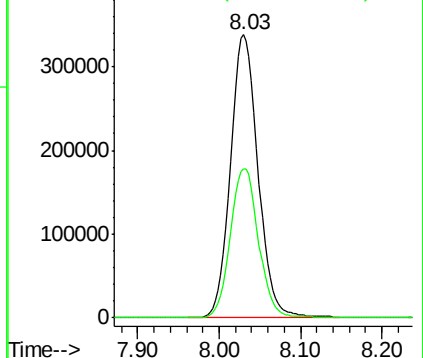
65 100

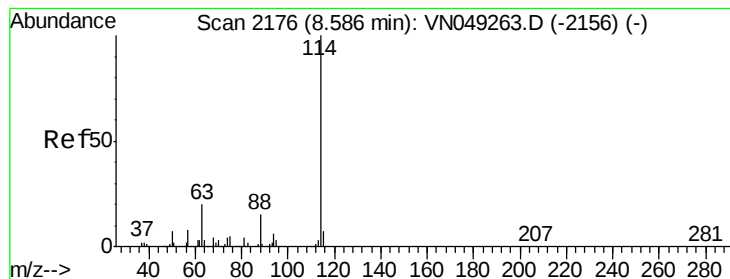
67 54.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049450.D

Acq: 20 Jun 2018 21:21

Instrument :

MSVOA_N

ClientSampleId :

HC-SOIL-4

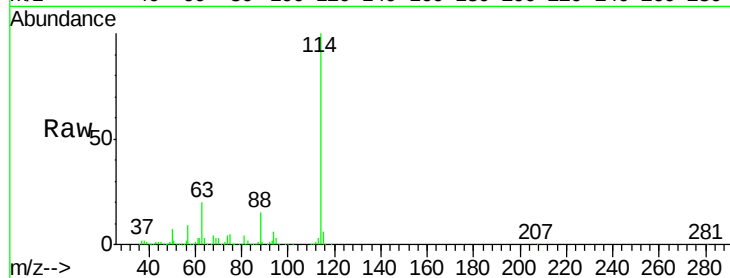
Tot Ion:114 Resp: 1902122

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

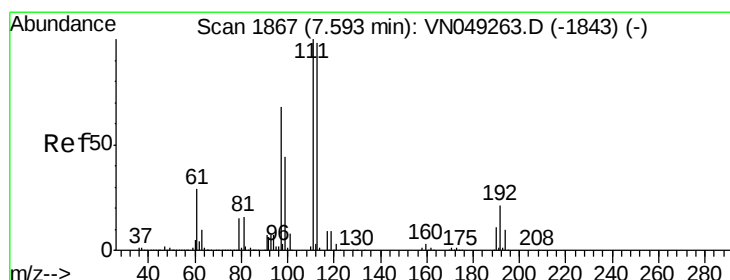
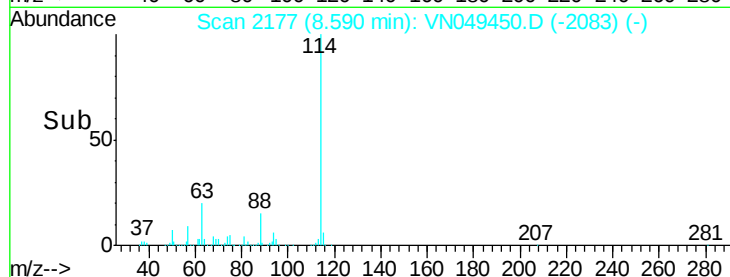
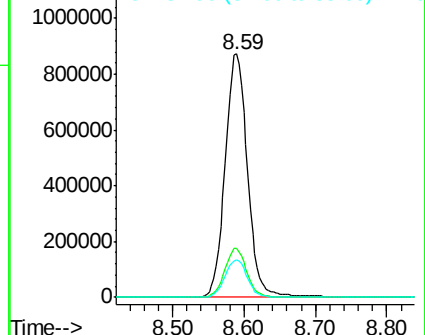
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.98 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN049450.D

Acq: 20 Jun 2018 21:21

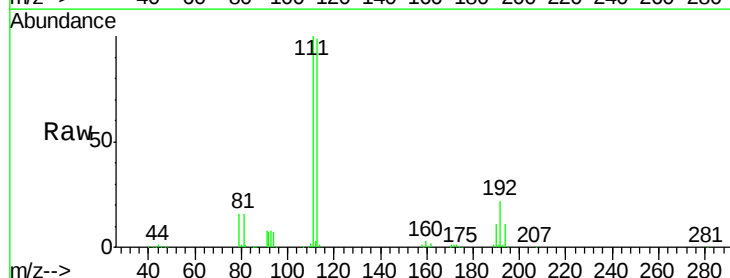
Tgt Ion:113 Resp: 707539

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

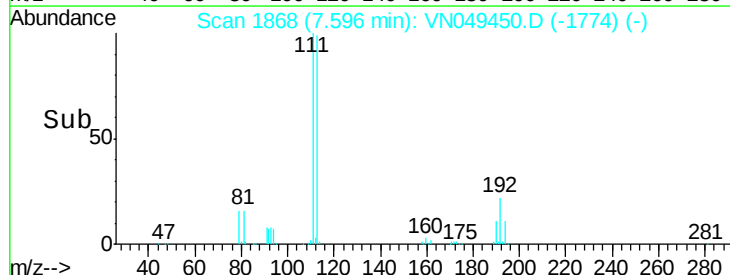
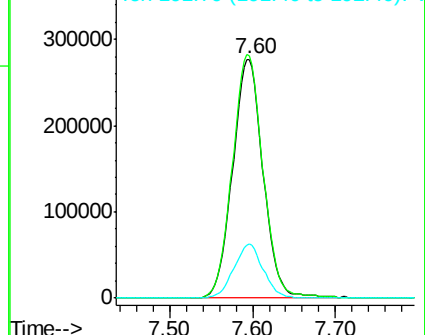
192 21.8 15.0 22.6

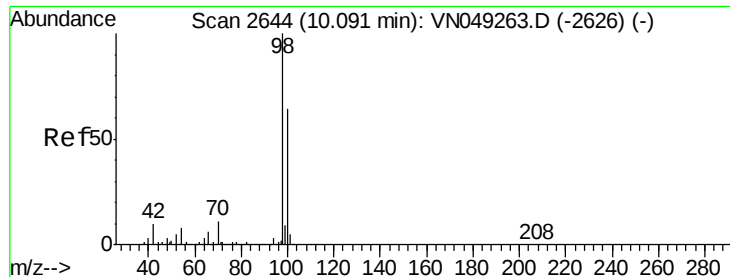


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.95 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049450.D

Acq: 20 Jun 2018 21:21

Instrument :

MSVOA_N

ClientSampled :

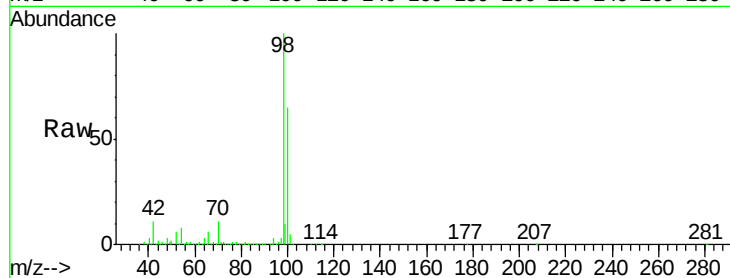
HC-SOIL-4

Tot Ion: 98 Resp: 2575024

Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

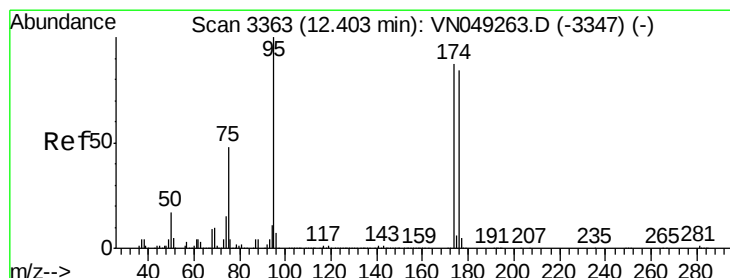
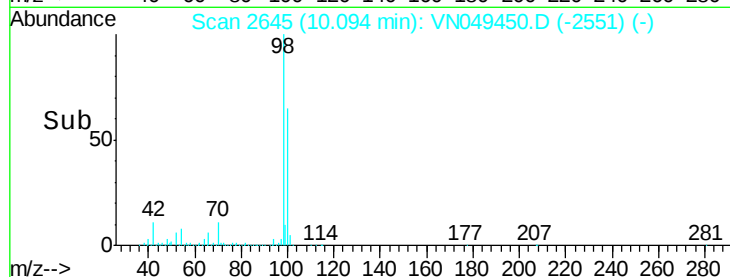
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.05 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049450.D

Acq: 20 Jun 2018 21:21

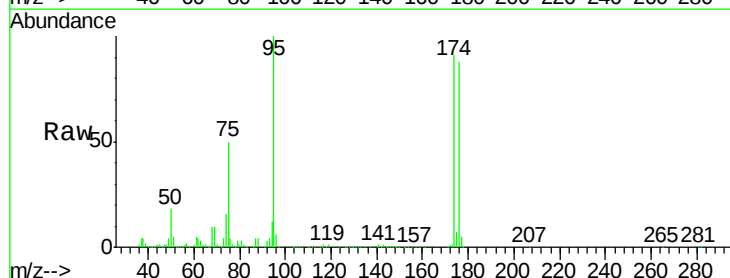
Tgt Ion: 95 Resp: 659629

Ion Ratio Lower Upper

95 100

174 89.0 0.0 165.6

176 86.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.41

500000

400000

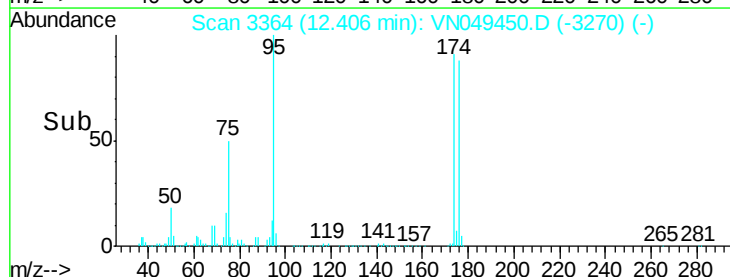
300000

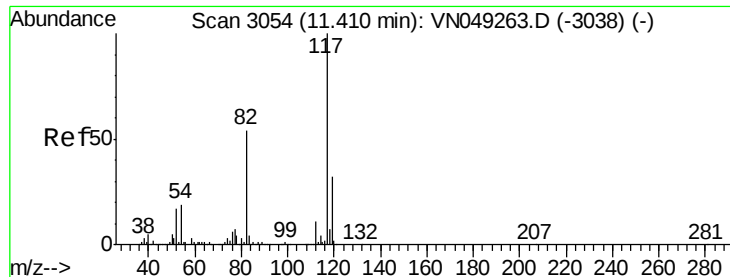
200000

100000

0

Time-->

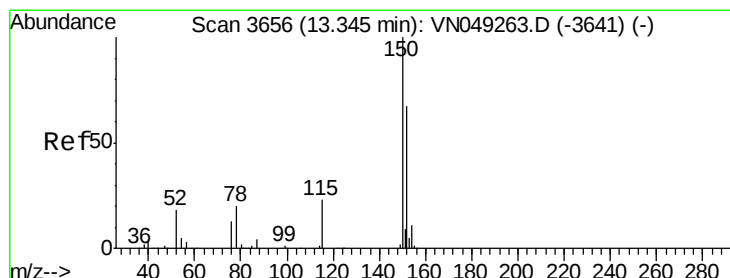
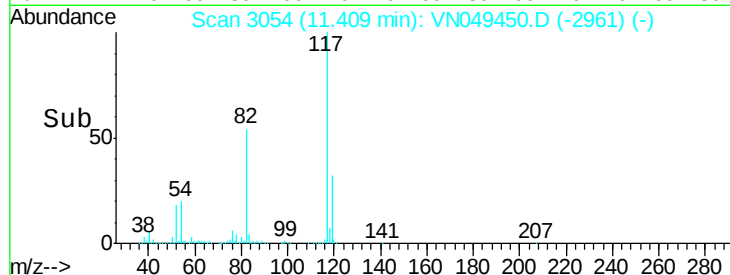
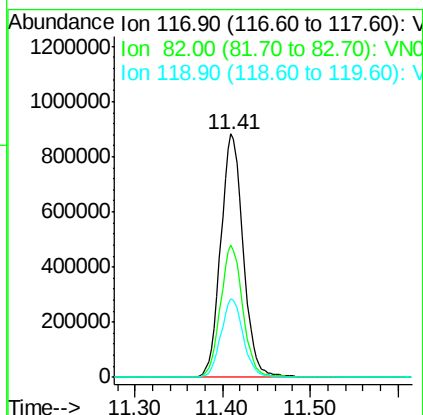
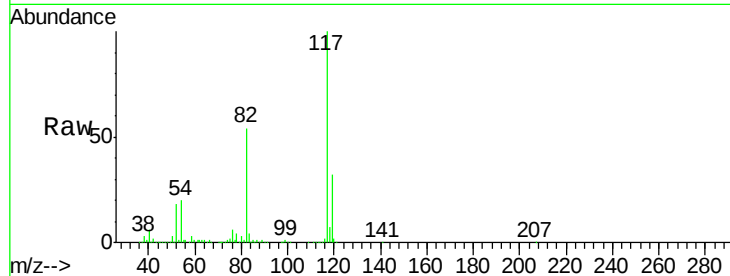




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049450.D
Acq: 20 Jun 2018 21:21

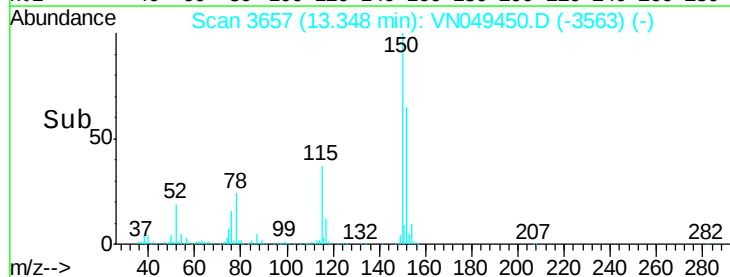
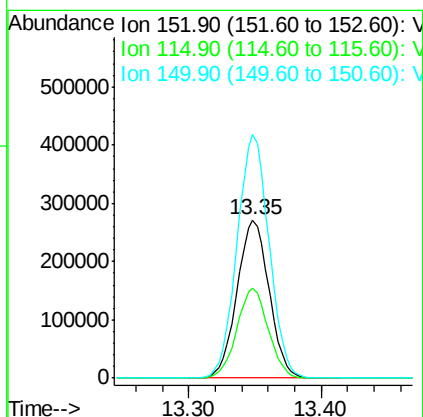
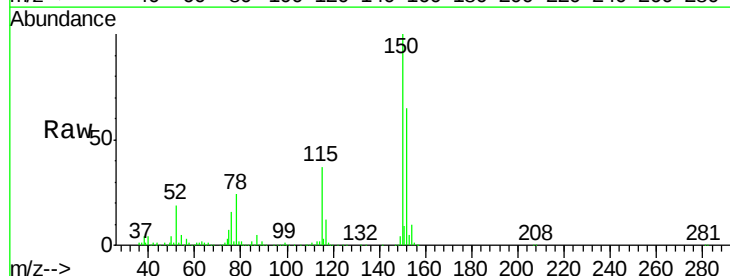
Instrument :
MSVOA_N
ClientSampled :
HC-SOIL-4

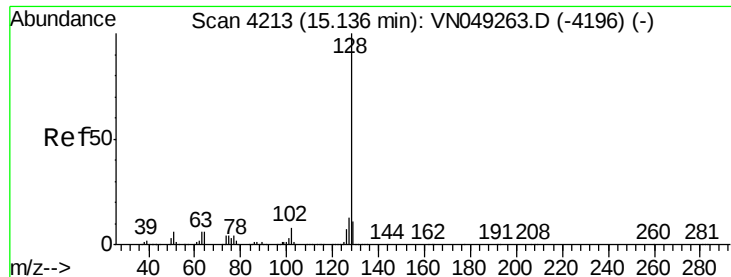
Tot Ion:117 Resp: 1570330
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049450.D
Acq: 20 Jun 2018 21:21

Tgt Ion:152 Resp: 455627
Ion Ratio Lower Upper
152 100
115 55.7 28.7 86.1
150 154.2 0.0 351.0

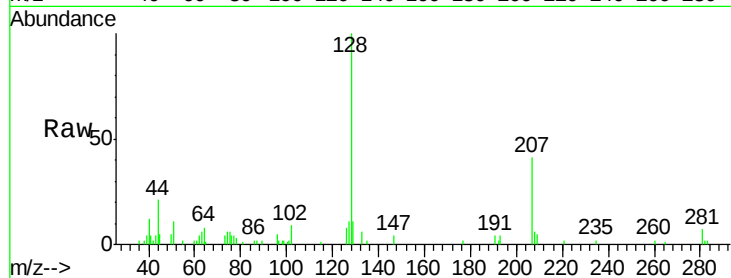




#95
Naphthalene
Concen: 3.85 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049450.D
Acq: 20 Jun 2018 21:21

Instrument :
MSVOA_N
ClientSampleId :
HC-SOIL-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	11.0	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

