

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049453.D
 Acq On : 20 Jun 2018 22:38
 Operator : MD\SY
 Sample : J3594-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL-2

Quant Time: Jun 21 03:12:25 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

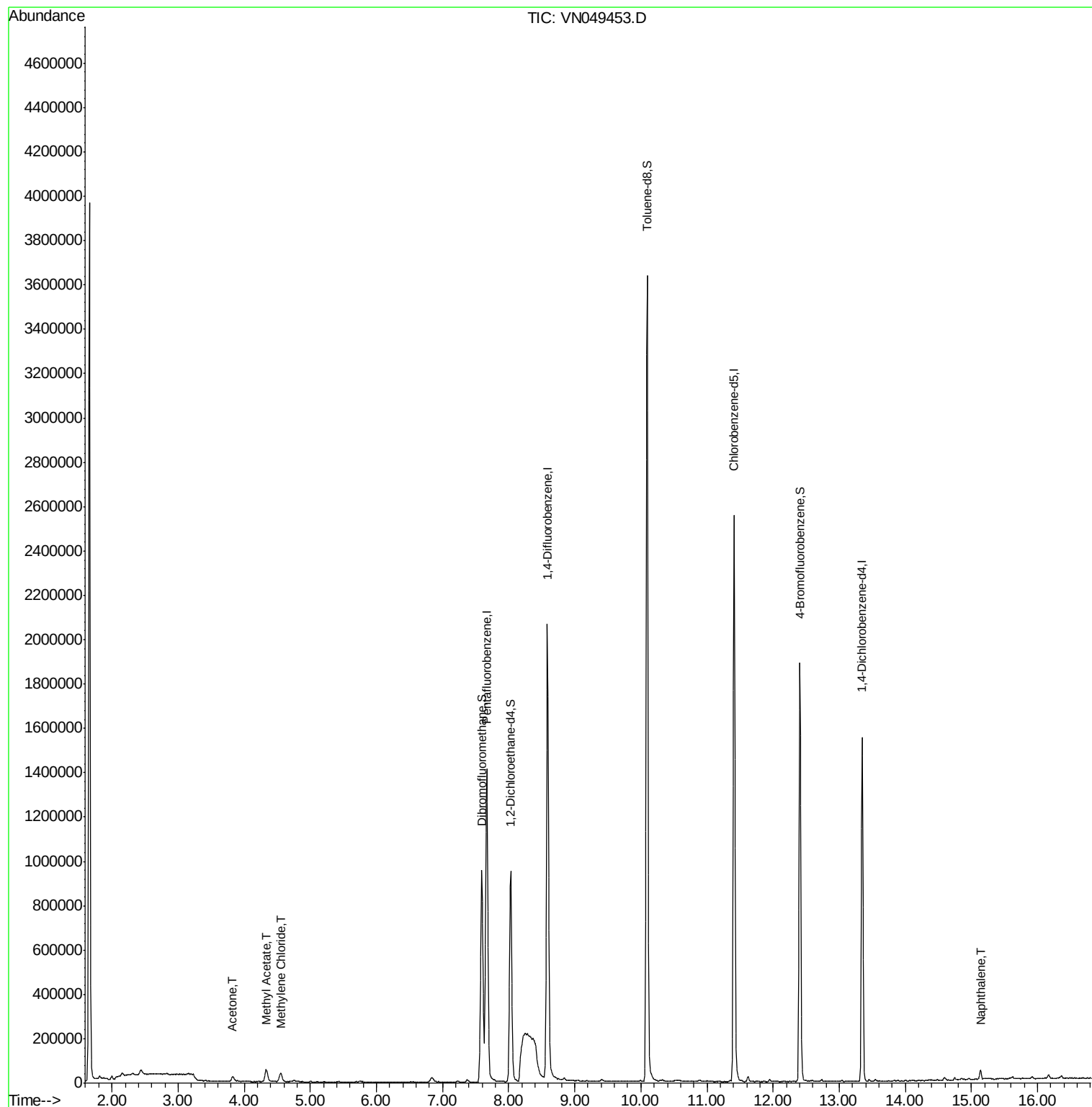
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1228682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1951350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1578967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	821107	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	730776	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
50) Toluene-d8	10.09	98	2642414	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.41	95	666192	33.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.04%	
Target Compounds						
16) Acetone	3.82	43	41253	10.43	ug/l	# 89
18) Methyl Acetate	4.33	43	108364	8.98	ug/l	93
20) Methylene Chloride	4.55	84	30060	1.82	ug/l	85
95) Naphthalene	15.14	128	34662	4.80	ug/l	99

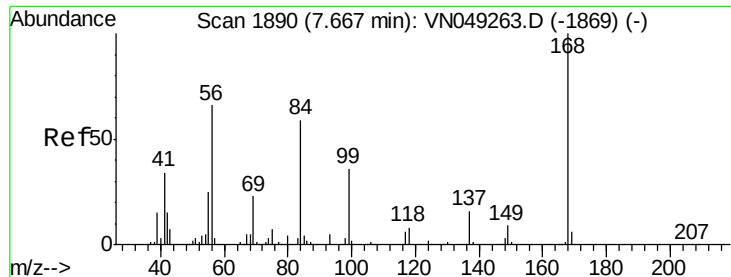
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampled :
HC-SOIL-2

Quant Time: Jun 21 03:12:25 2018
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: VN049453.D

Acq: 20 Jun 2018 22:38

Instrument :

MSVOA_N

ClientSampleId :

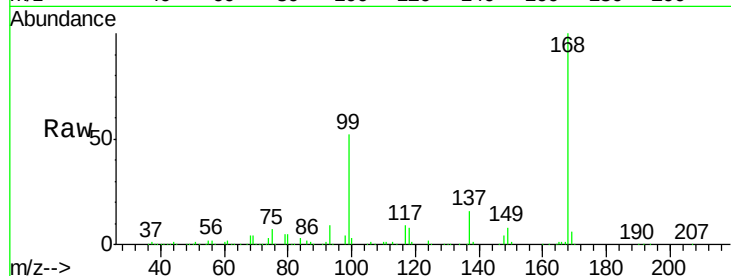
HC-SOIL-2

Tot Ion:168 Resp: 1228682

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

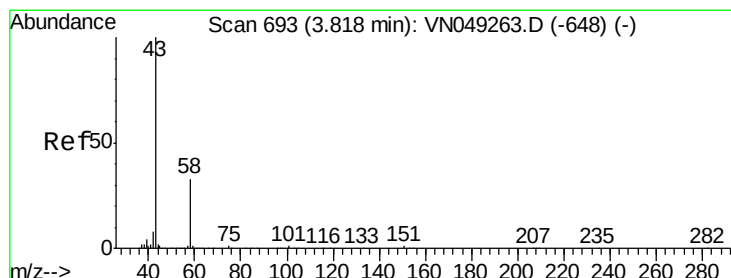
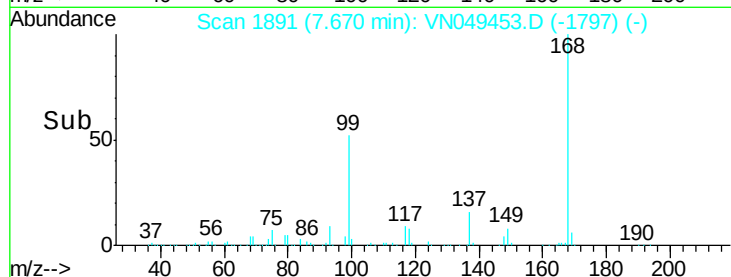
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.43 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049453.D

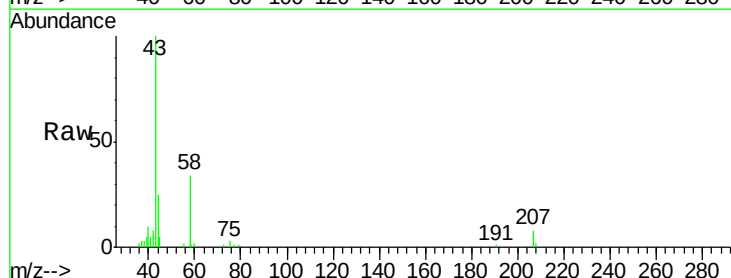
Acq: 20 Jun 2018 22:38

Tgt Ion: 43 Resp: 41253

Ion Ratio Lower Upper

43 100

58 33.6 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

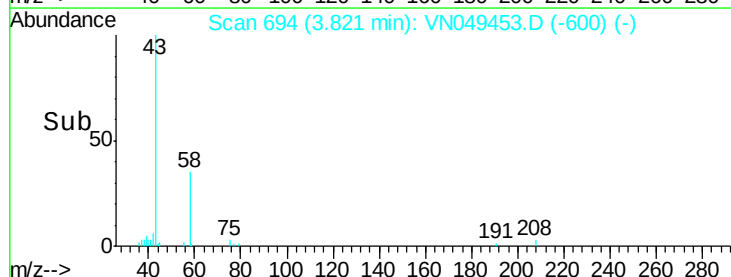
15000

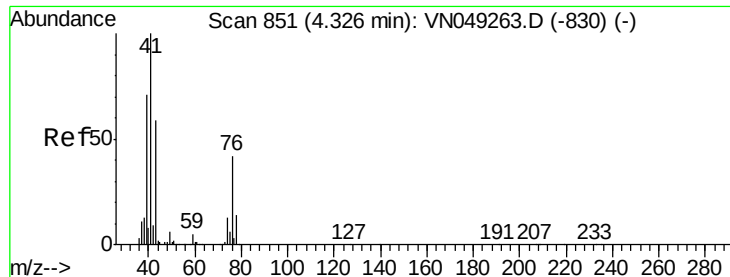
10000

5000

0

Time-->

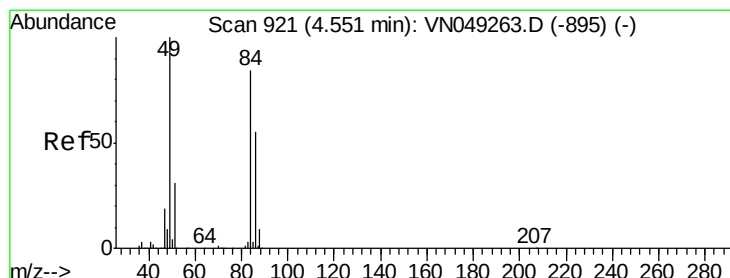
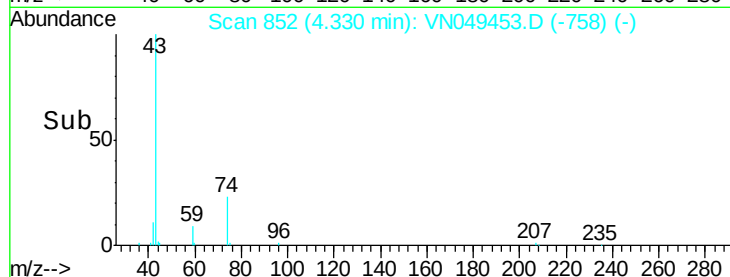
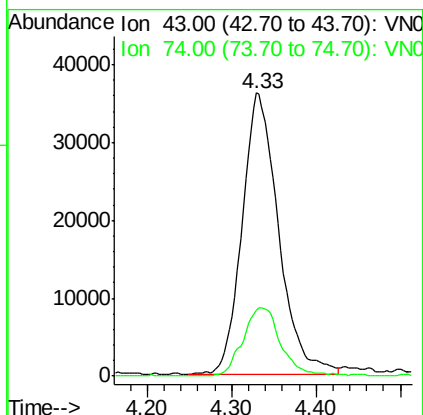
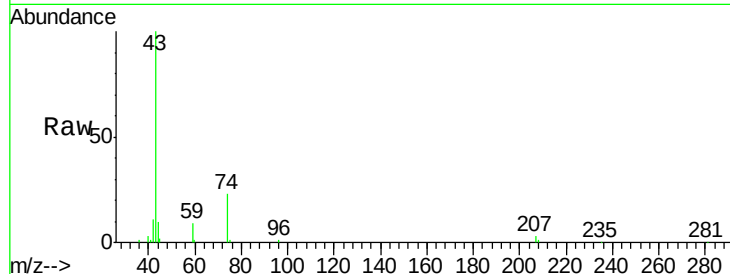




#18
Methvl Acetate
Concen: 8.98 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049453.D
Acq: 20 Jun 2018 22:38

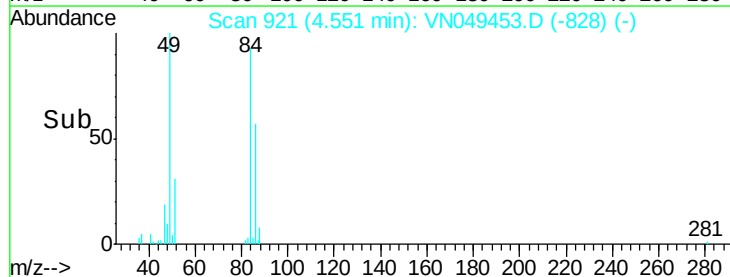
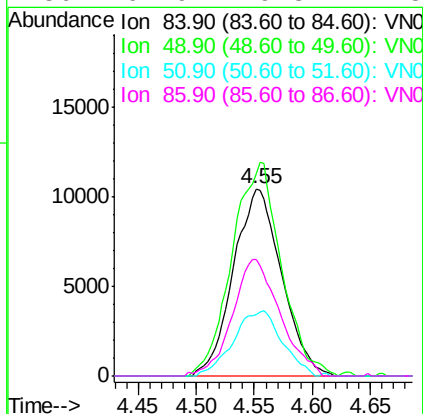
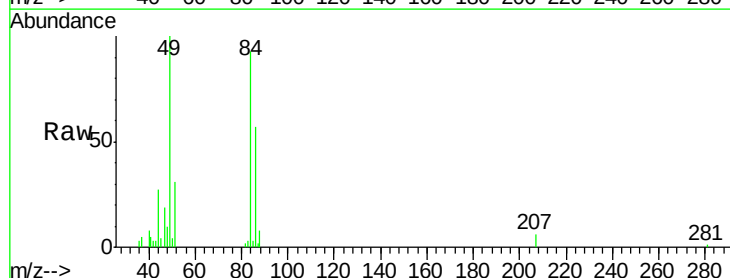
Instrument :
MSVOA_N
ClientSampled :
HC-SOIL-2

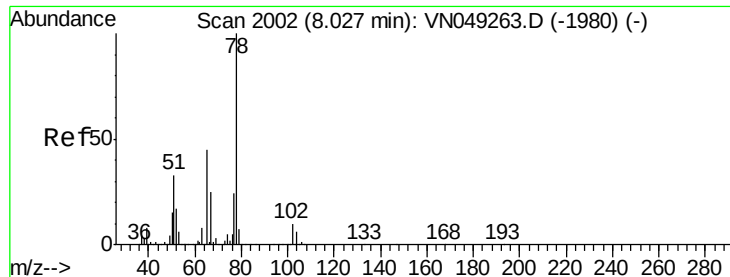
Tot Ion: 43 Resp: 108364
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0



#20
Methylene Chloride
Concen: 1.82 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049453.D
Acq: 20 Jun 2018 22:38

Tgt Ion: 84 Resp: 30060
Ion Ratio Lower Upper
84 100
49 107.9 106.9 160.3
51 33.0 32.7 49.1
86 61.9 49.8 74.8

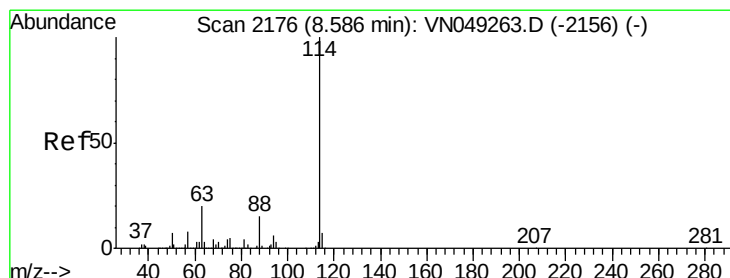
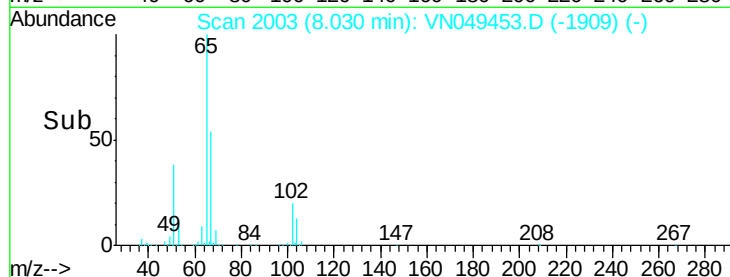
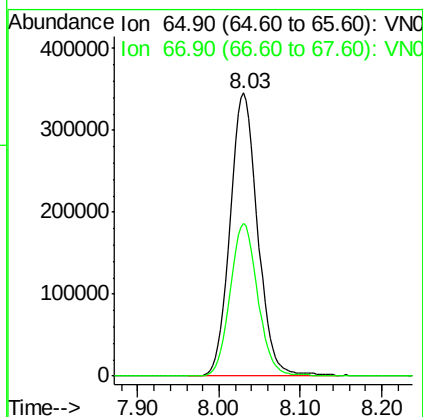
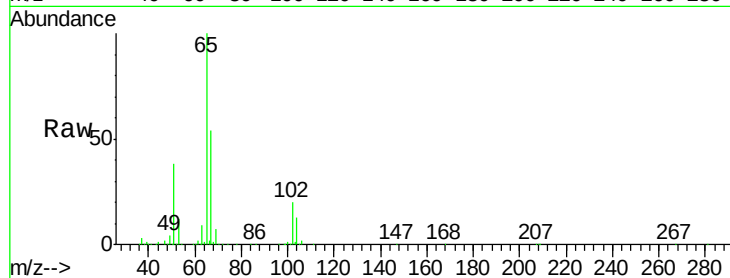




#33
 1,2-Dichloroethane-d4
 Concen: 50.39 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049453.D
 Acq: 20 Jun 2018 22:38

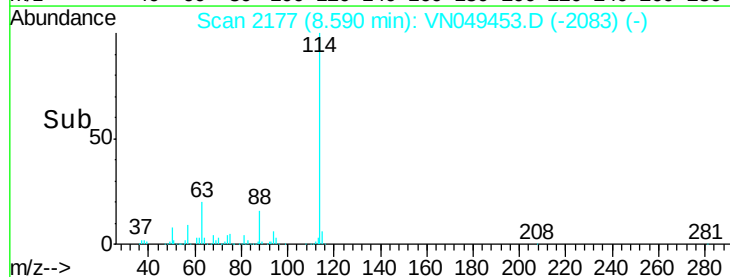
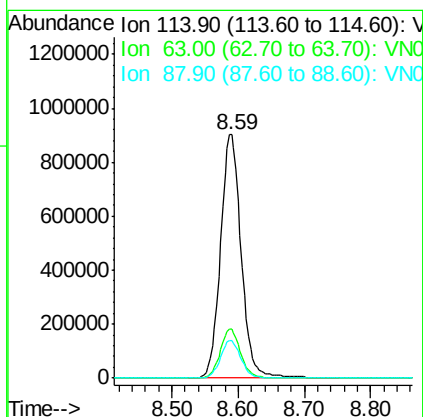
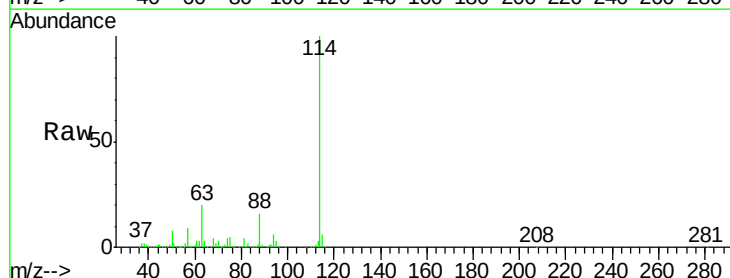
Instrument :
 MSVOA_N
 ClientSampleId :
 HC-SOIL-2

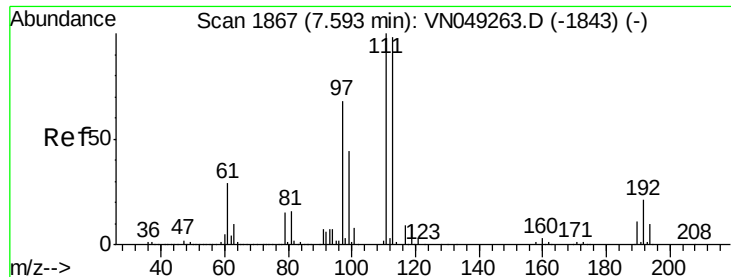
Tot Ion: 65 Resp: 821107
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049453.D
 Acq: 20 Jun 2018 22:38

Tgt Ion: 114 Resp: 1951350
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.29 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049453.D

Acq: 20 Jun 2018 22:38

Instrument :

MSVOA_N

ClientSampleId :

HC-SOIL-2

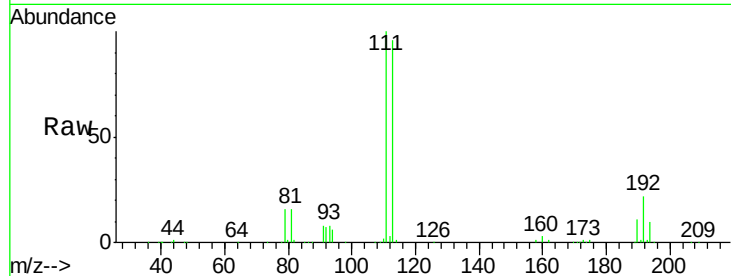
Tot Ion:113 Resp: 730776

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

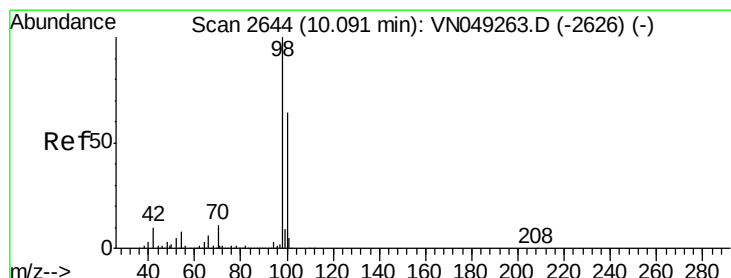
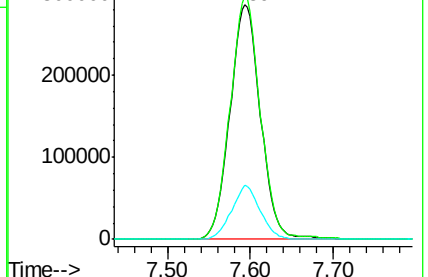
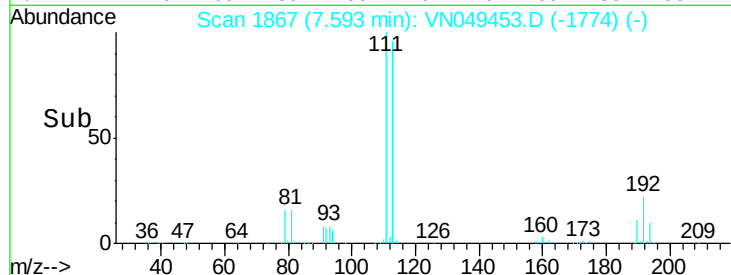
192 21.7 15.0 22.6



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: 43.96 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049453.D

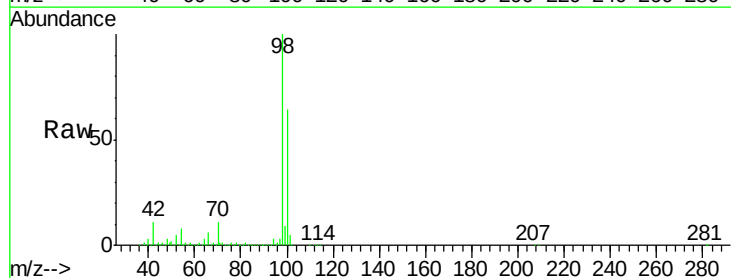
Acq: 20 Jun 2018 22:38

Tgt Ion: 98 Resp: 2642414

Ion Ratio Lower Upper

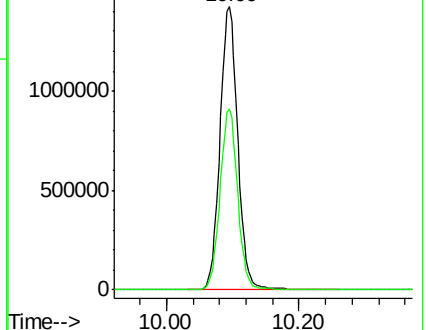
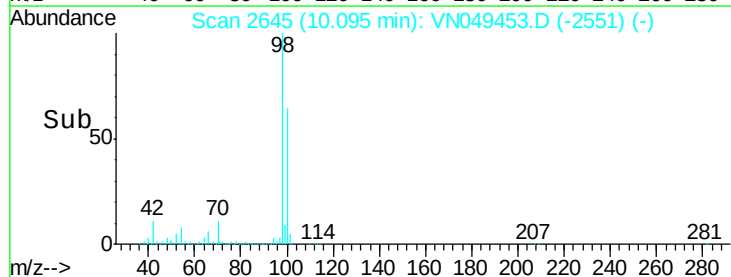
98 100

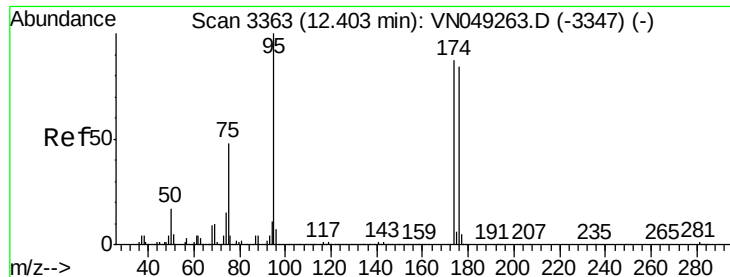
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 33.52 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049453.D

Acq: 20 Jun 2018 22:38

Instrument :

MSVOA_N

ClientSampleId :

HC-SOIL-2

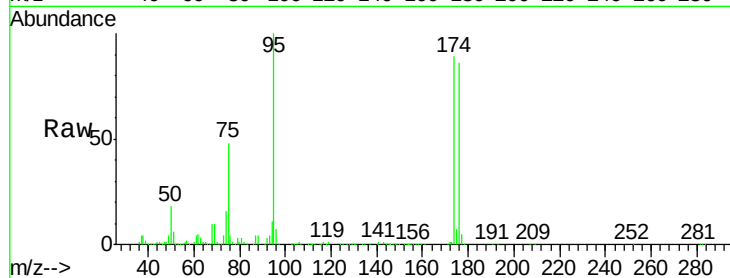
Tot Ion: 95 Resp: 666192

Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.6

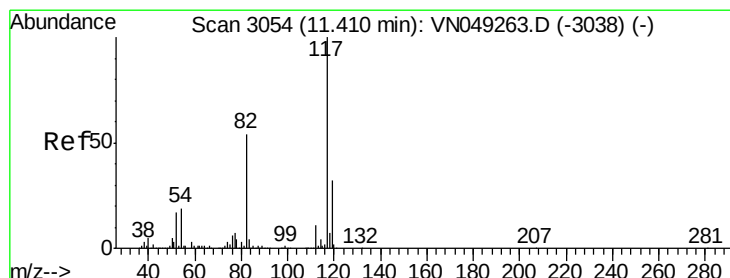
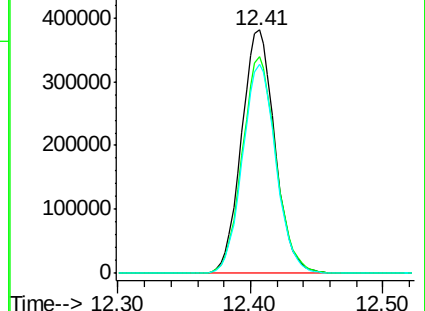
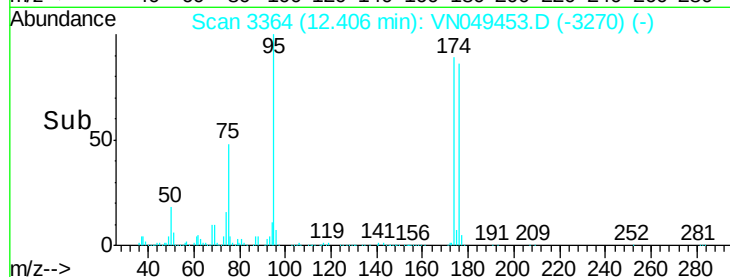
176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049453.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049453.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049453.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049453.D

Acq: 20 Jun 2018 22:38

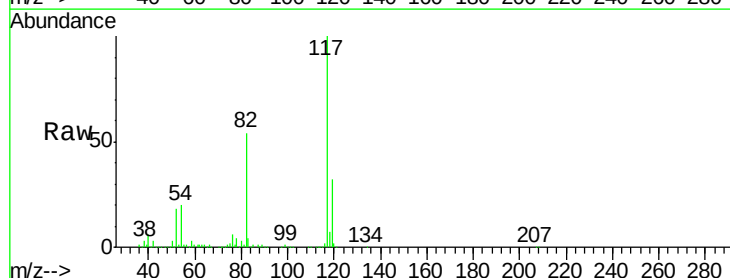
Tgt Ion: 117 Resp: 1578967

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

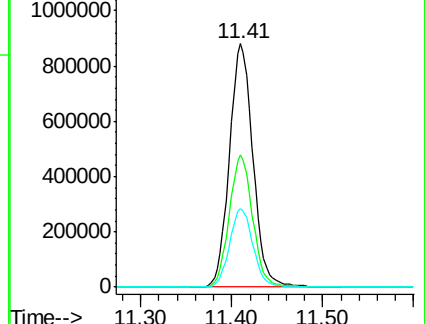
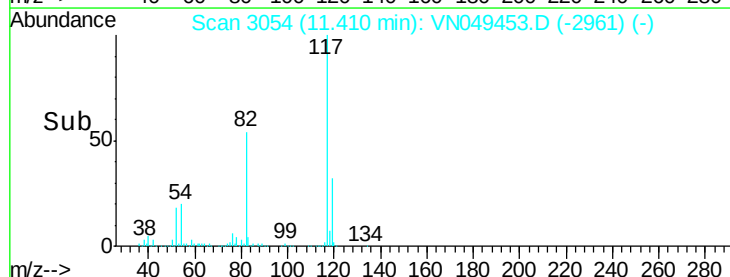
119 32.3 25.5 38.3

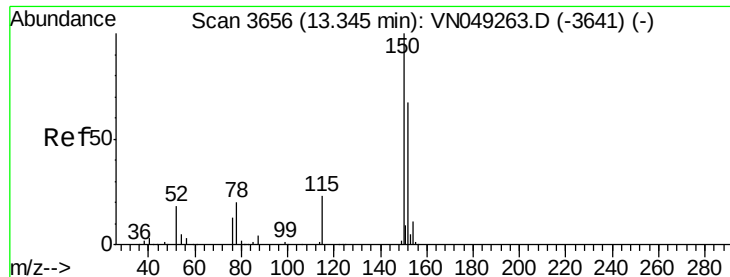


Abundance Ion 116.90 (116.60 to 117.60): VN049453.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049453.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049453.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049453.D

Acq: 20 Jun 2018 22:38

Instrument :

MSVOA_N

ClientSampled :

HC-SOIL-2

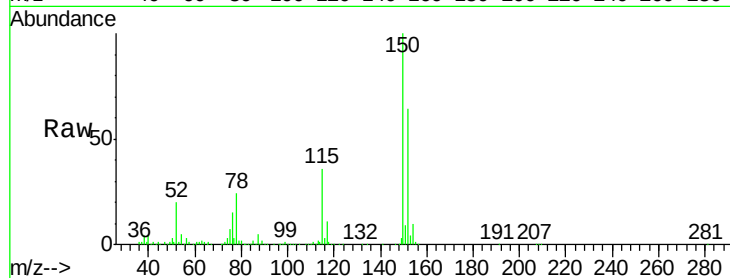
Tot Ion:152 Resp: 456278

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.1

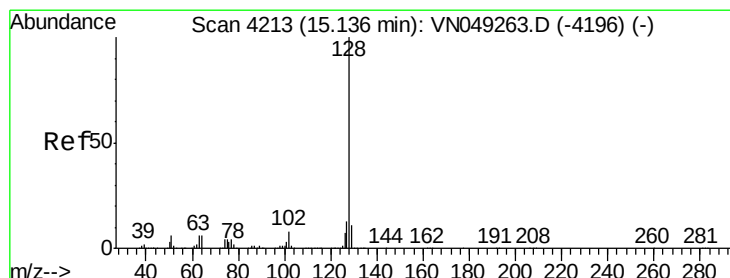
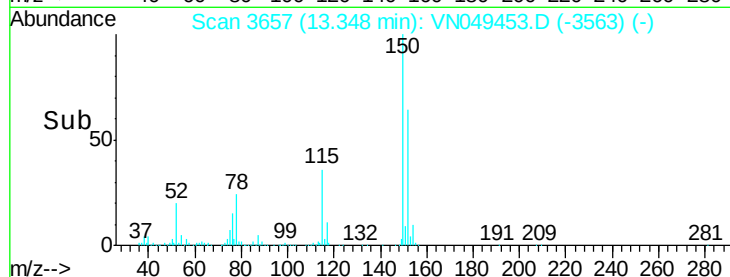
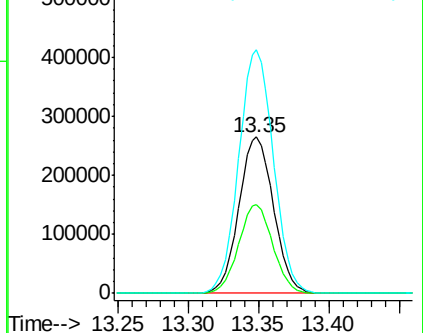
150 156.0 0.0 351.0



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: 4.80 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049453.D

Acq: 20 Jun 2018 22:38

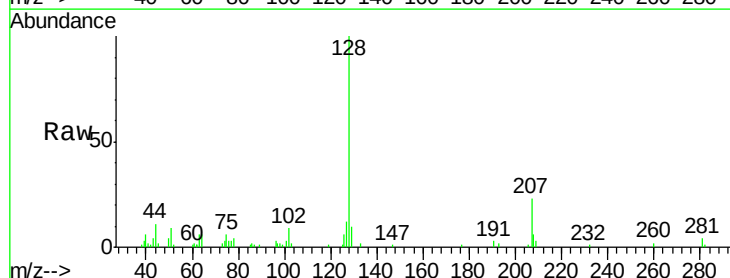
Tgt Ion:128 Resp: 34662

Ion Ratio Lower Upper

128 100

127 14.1 10.6 16.0

129 10.6 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

