

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052442.D
 Acq On : 21 Nov 2018 16:57
 Operator : MD\SY
 Sample : J6024-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PS-SOIL

Quant Time: Nov 22 01:04:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	299749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	511162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	437711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	233318	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	7.59	113	168603	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.09	98	648587	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	197449	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

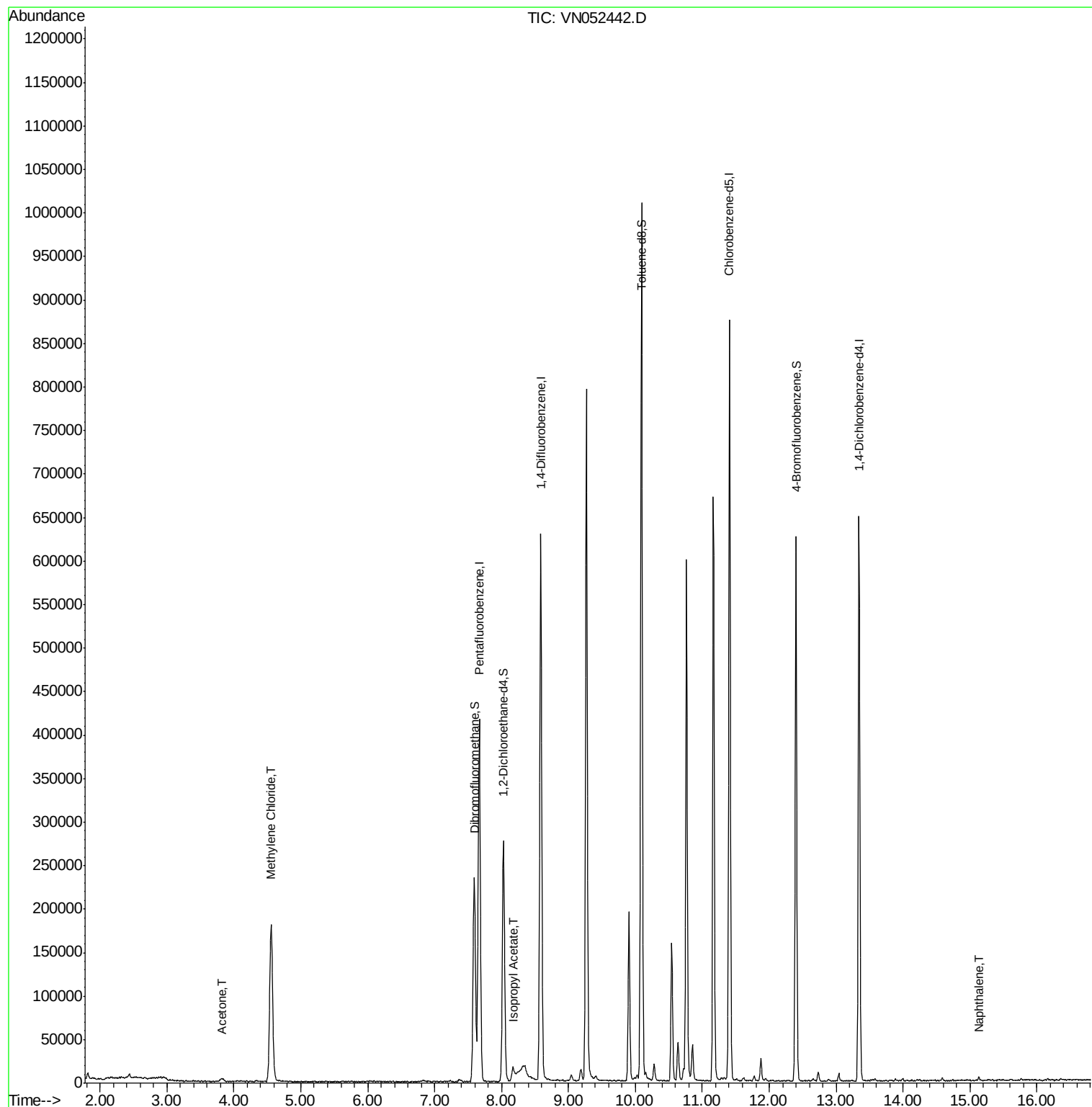
Target Compounds						Qvalue
16) Acetone	3.82	43	6864	5.89	ug/l	99
20) Methylene Chloride	4.56	84	117075	32.77	ug/l	96
43) Isopropyl Acetate	8.17	43	19922	2.78	ug/l #	94
95) Naphthalene	15.14	128	2643	3.06	ug/l #	91

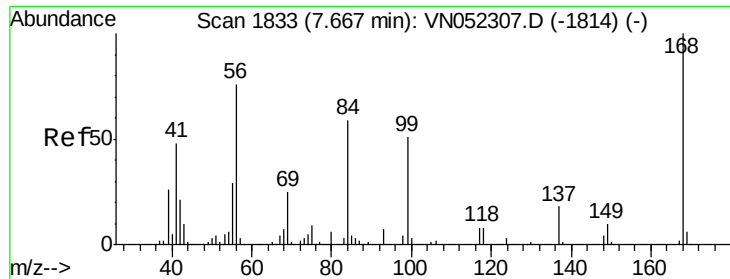
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052442.D

Acq: 21 Nov 2018 16:57

Instrument :

MSVOA_N

ClientSampleId :

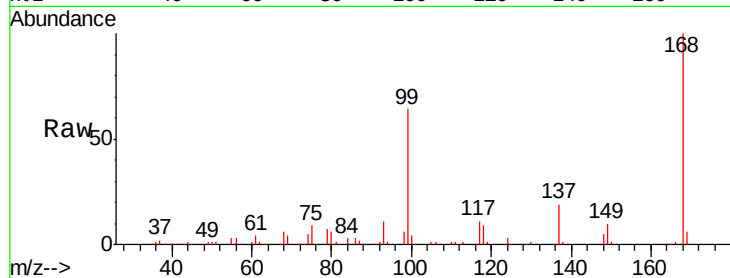
PS-SOIL

Tgt Ion:168 Resp: 299749

Ion Ratio Lower Upper

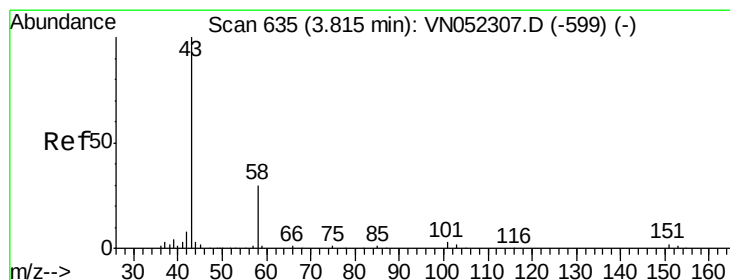
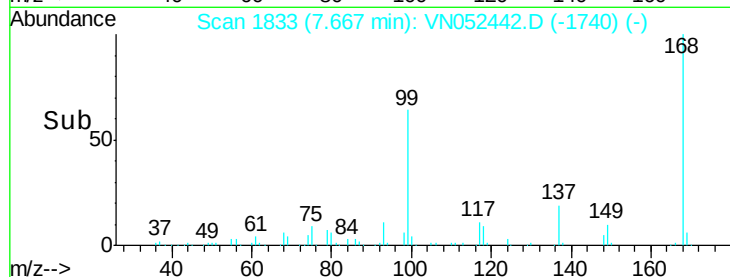
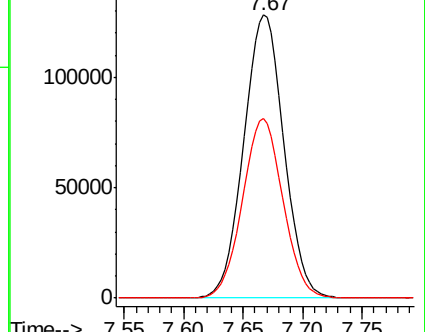
168 100

99 63.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)



#16

Acetone

Concen: 5.89 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052442.D

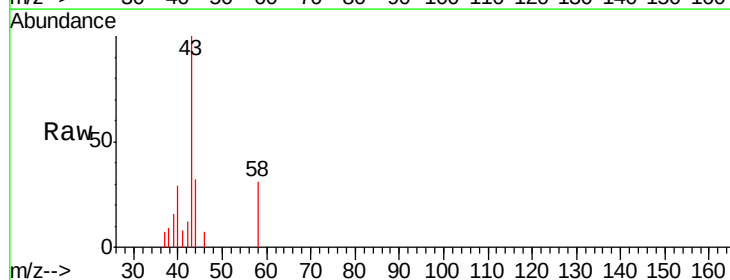
Acq: 21 Nov 2018 16:57

Tgt Ion: 43 Resp: 6864

Ion Ratio Lower Upper

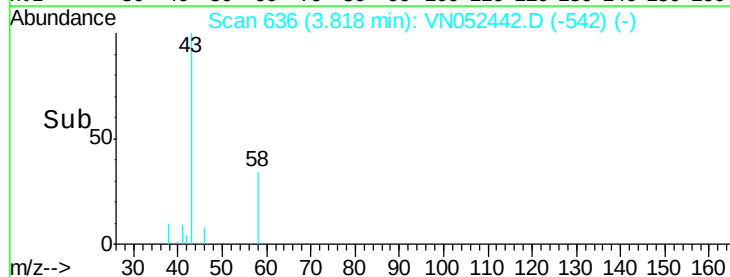
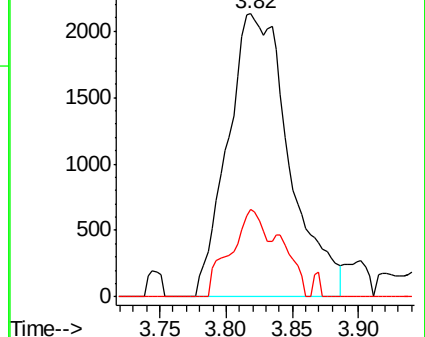
43 100

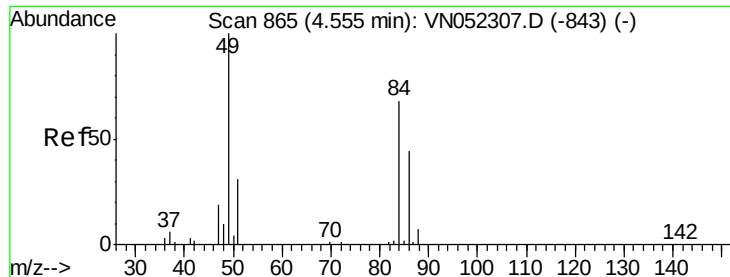
58 30.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

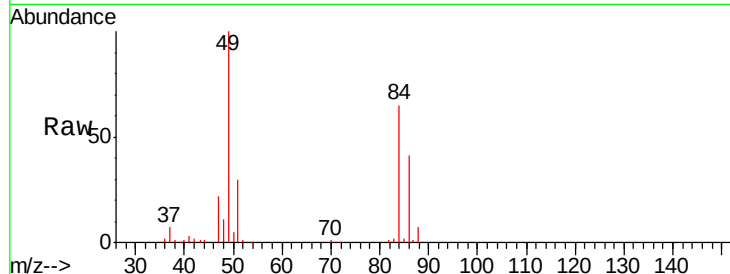




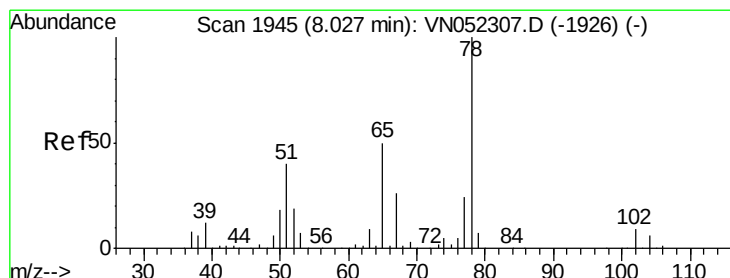
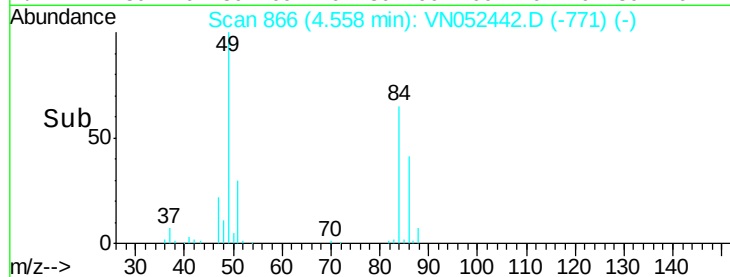
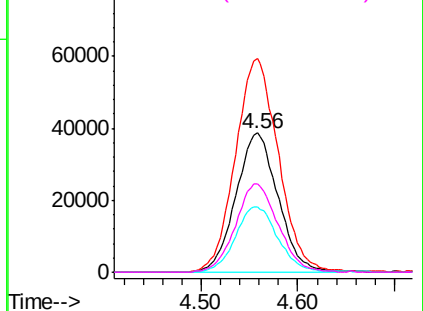
#20
Methylene Chloride
Concen: 32.77 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052442.D
Acq: 21 Nov 2018 16:57

Instrument :
MSVOA_N
ClientSampled :
PS-SOIL

Tgt Ion: 84 Resp: 117075
Ion Ratio Lower Upper
84 100
49 153.5 118.2 177.2
51 46.7 36.1 54.1
86 63.1 51.6 77.4

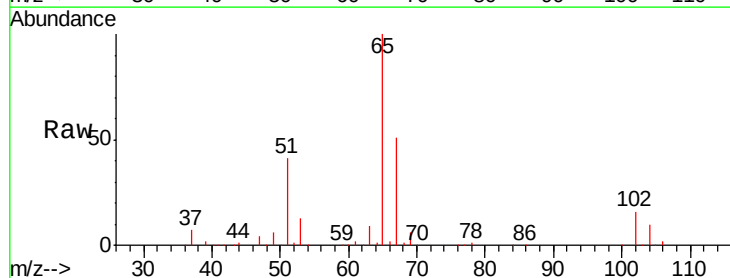


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

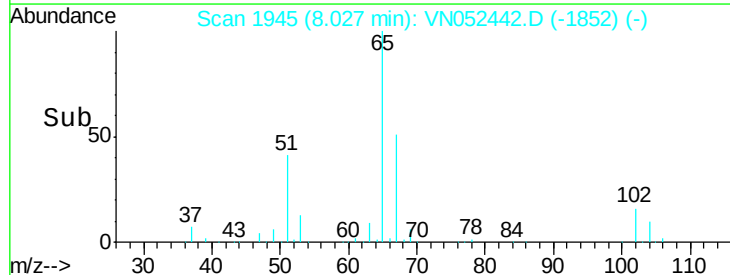
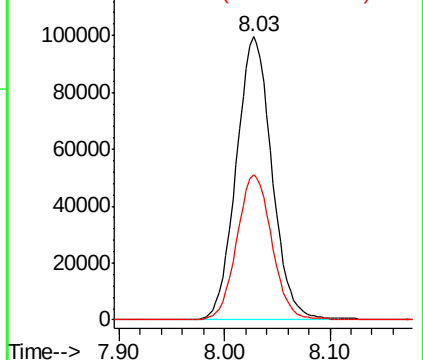


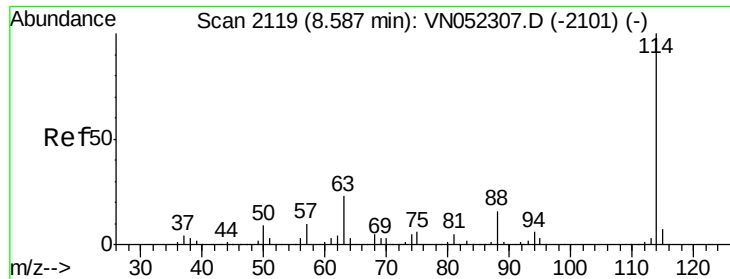
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052442.D
Acq: 21 Nov 2018 16:57

Tgt Ion: 65 Resp: 233318
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

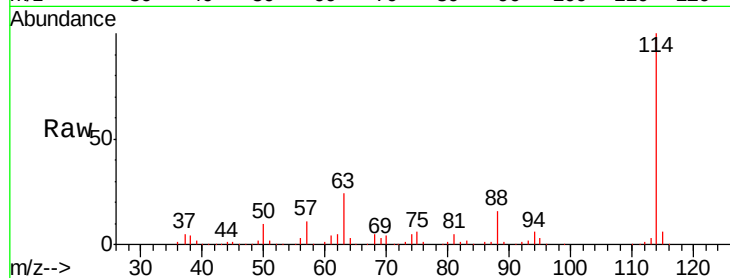




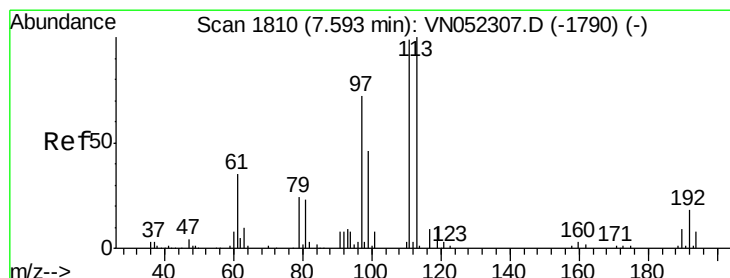
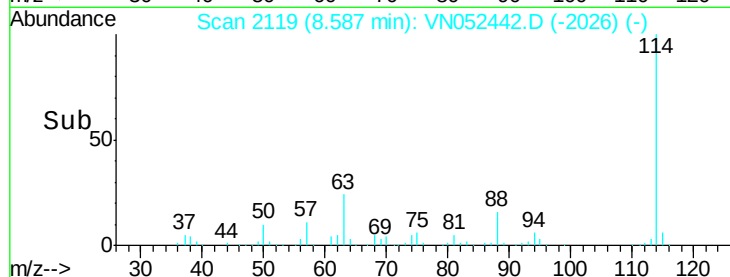
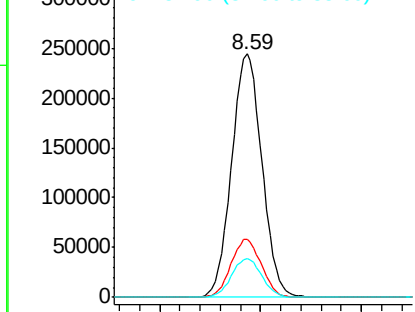
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052442.D
 Acq: 21 Nov 2018 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PS-SOIL

Tgt Ion:114 Resp: 511162
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 45.4
 88 15.8 0.0 31.2

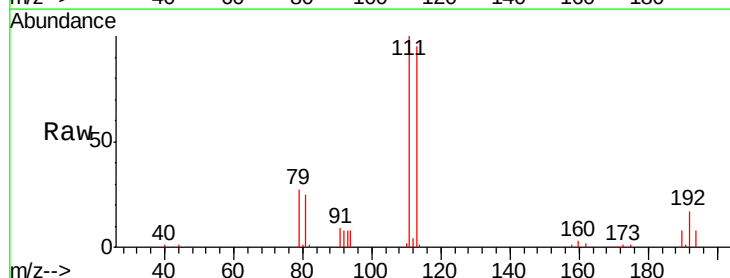


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

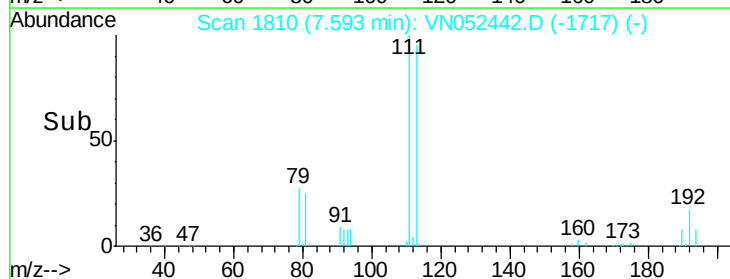
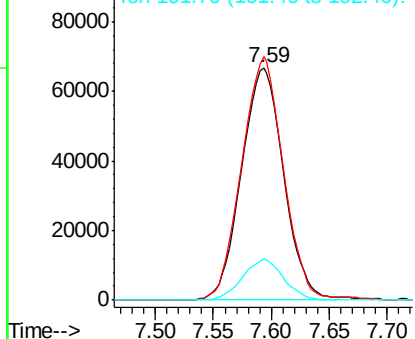


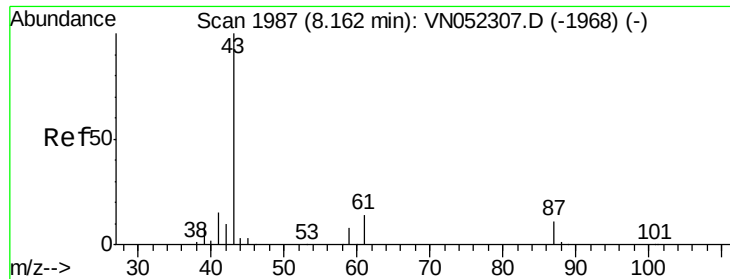
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052442.D
 Acq: 21 Nov 2018 16:57

Tgt Ion:113 Resp: 168603
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 17.2 13.8 20.6



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: 2.78 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052442.D

Acq: 21 Nov 2018 16:57

Instrument :

MSVOA_N

ClientSampled :

PS-SOIL

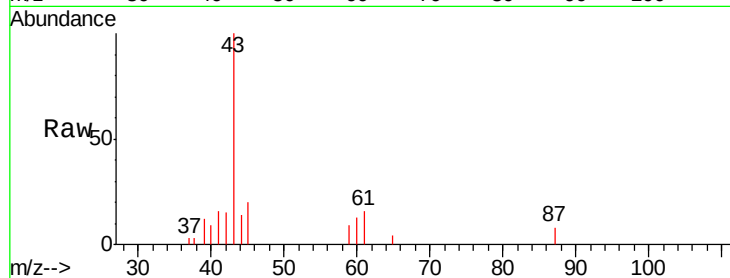
Tgt Ion: 43 Resp: 19922

Ion Ratio Lower Upper

43 100

61 14.3 12.0 18.0

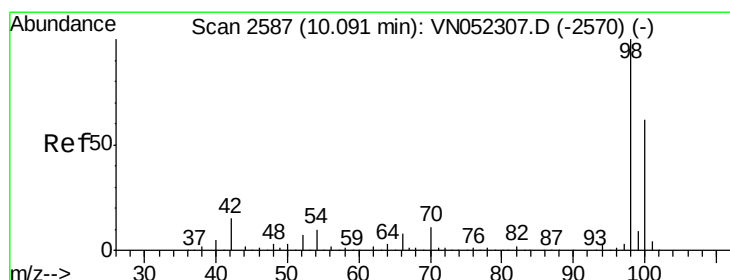
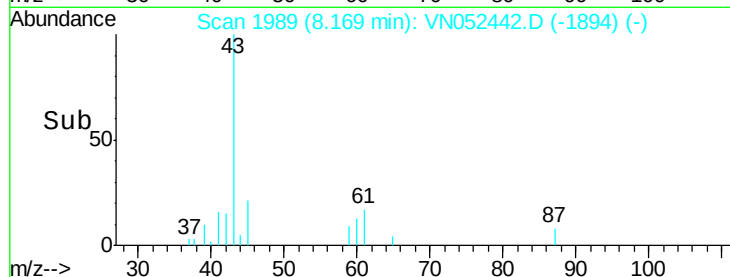
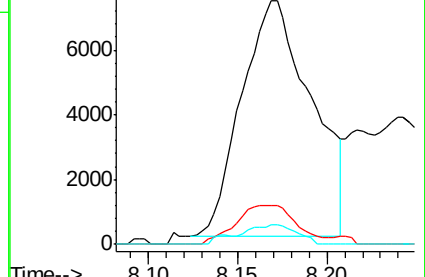
87 5.7 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052442.D

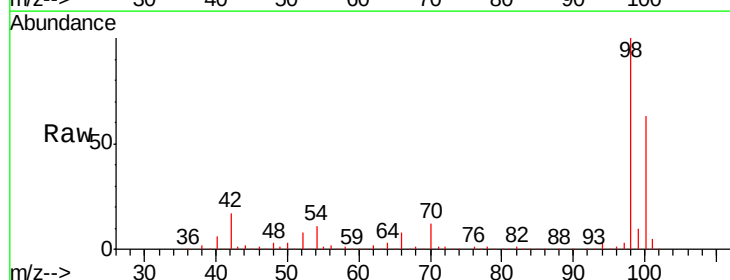
Acq: 21 Nov 2018 16:57

Tgt Ion: 98 Resp: 648587

Ion Ratio Lower Upper

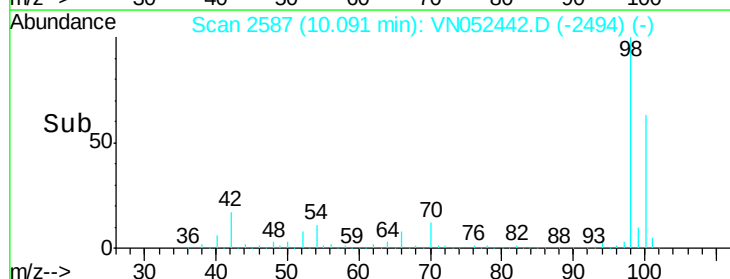
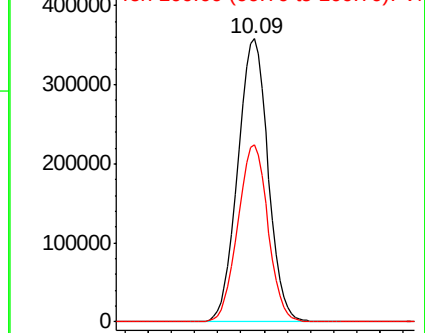
98 100

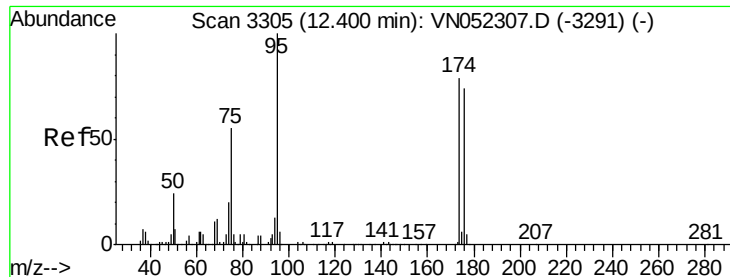
100 62.2 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052442.D

Acq: 21 Nov 2018 16:57

Instrument :

MSVOA_N

ClientSampleId :

PS-SOIL

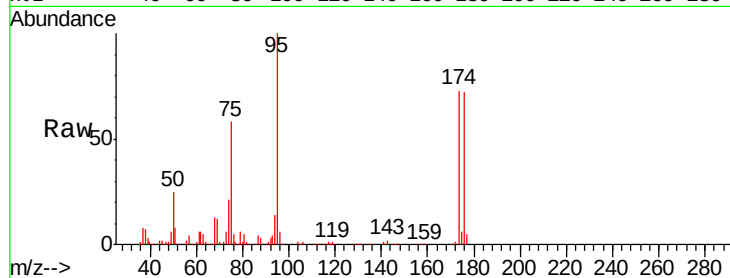
Tgt Ion: 95 Resp: 197449

Ion Ratio Lower Upper

95 100

174 73.4 0.0 156.0

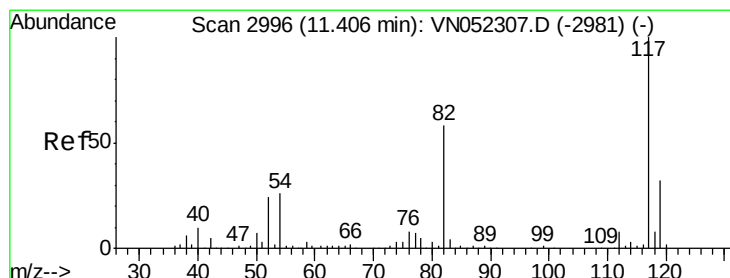
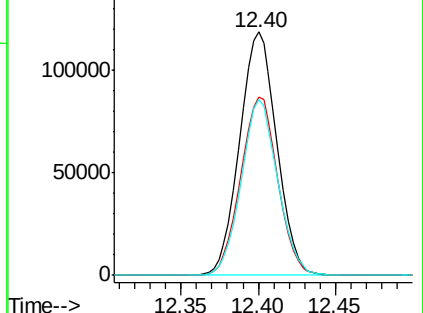
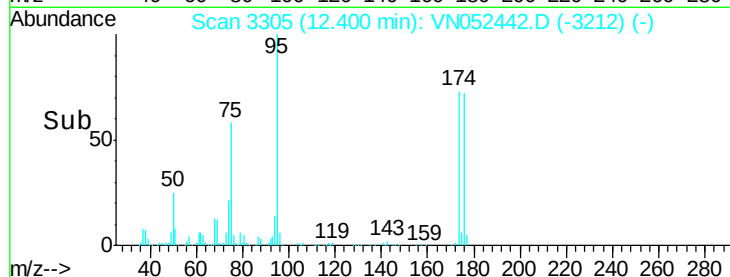
176 70.9 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052442.D

Acq: 21 Nov 2018 16:57

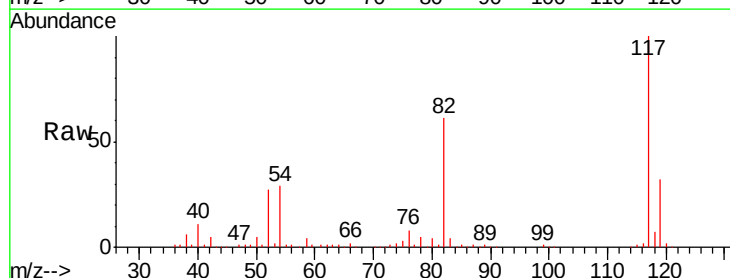
Tgt Ion: 117 Resp: 437711

Ion Ratio Lower Upper

117 100

82 60.9 46.5 69.7

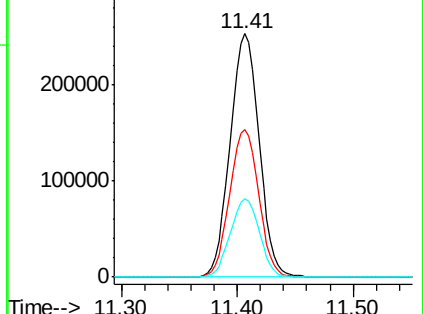
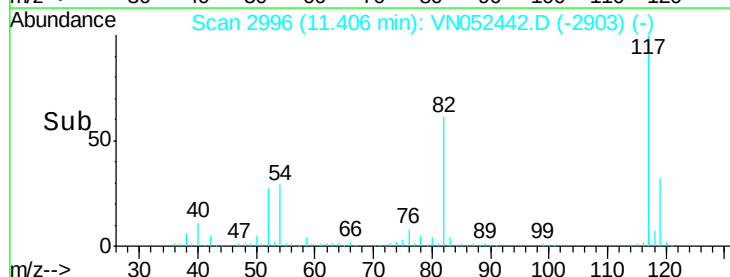
119 32.1 25.7 38.5

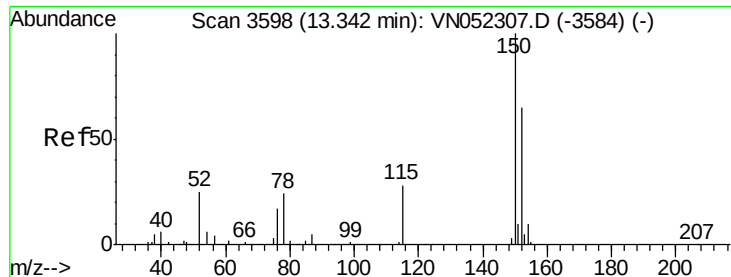


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052442.D

Acq: 21 Nov 2018 16:57

Instrument :

MSVOA_N

ClientSampleId :

PS-SOIL

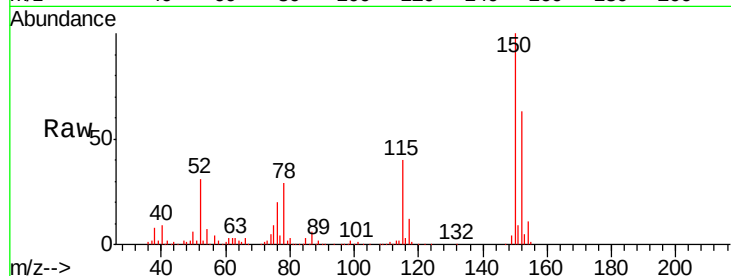
Tgt Ion:152 Resp: 154709

Ion Ratio Lower Upper

152 100

115 61.8 30.3 91.0

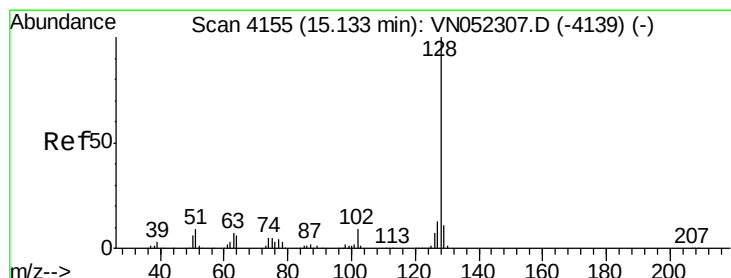
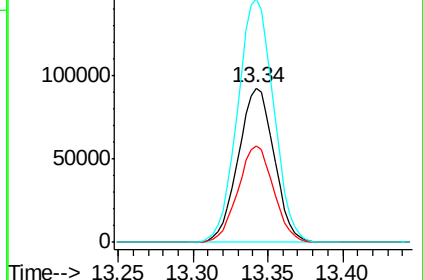
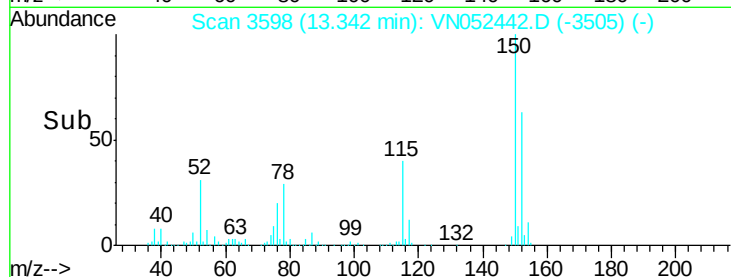
150 158.4 0.0 348.2



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: 3.06 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052442.D

Acq: 21 Nov 2018 16:57

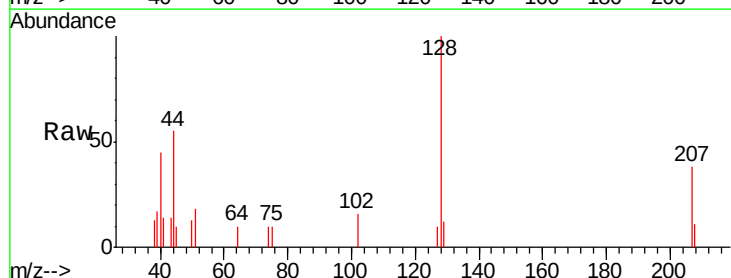
Tgt Ion:128 Resp: 2643

Ion Ratio Lower Upper

128 100

127 8.1 10.4 15.6#

129 8.8 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

