

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051152.D
 Acq On : 12 Sep 2018 15:00
 Operator : MD\SY
 Sample : J4853-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-SOIL

Quant Time: Sep 13 08:26:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	594286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	954964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285546	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	378433	57.22	ug/l	0.00
Spiked Amount			Recovery	=	114.44%	
35) Dibromofluoromethane	7.59	113	360285	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
50) Toluene-d8	10.09	98	1302101	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.40	95	351942	39.07	ug/l	0.00
Spiked Amount			Recovery	=	78.14%	

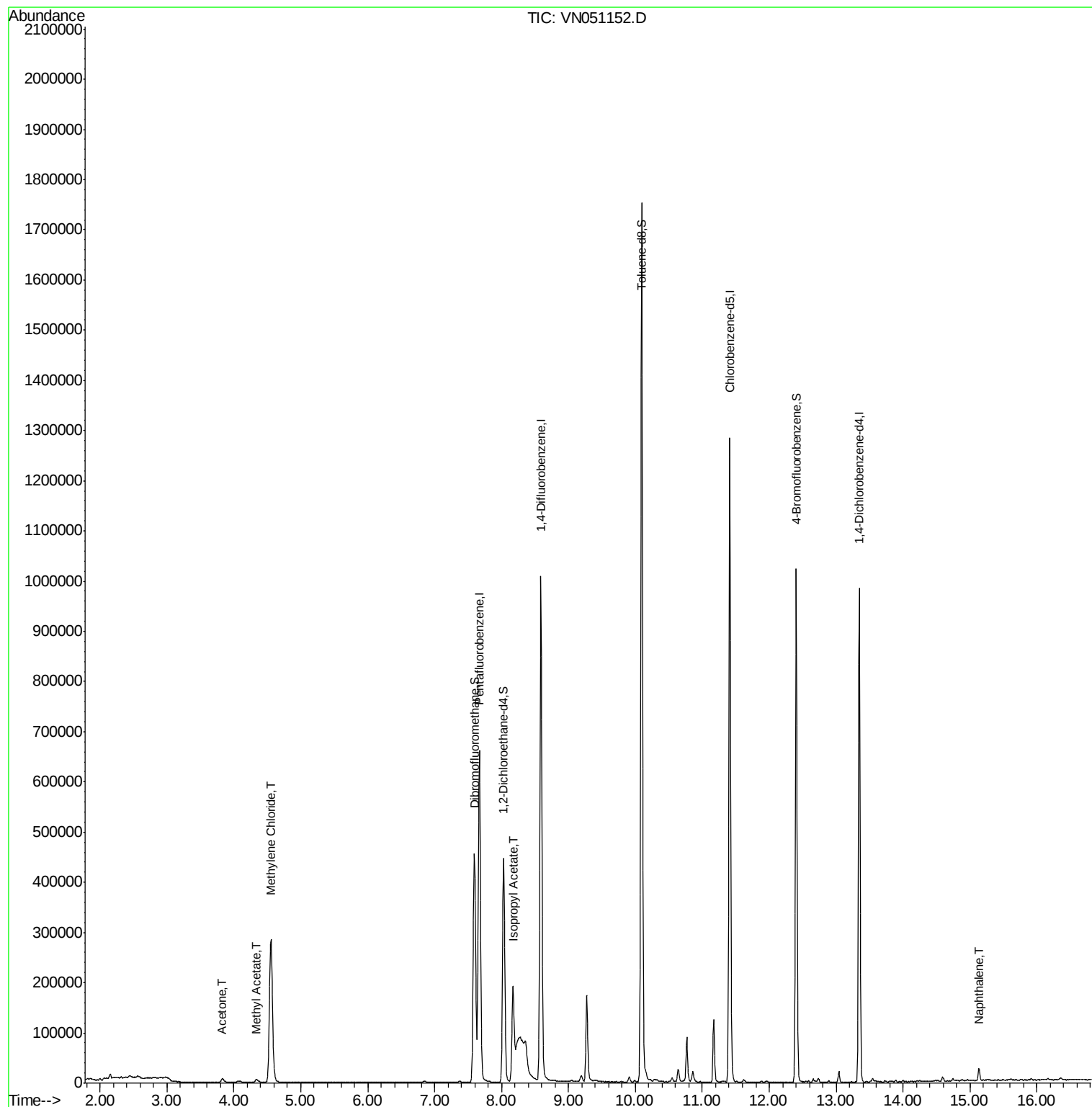
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14194	2.91	ug/l	92
18) Methyl Acetate	4.33	43	13614	2.57	ug/l	91
20) Methylene Chloride	4.55	84	238753	32.68	ug/l	99
43) Isopropyl Acetate	8.17	43	239518	22.35	ug/l #	84
95) Naphthalene	15.13	128	21670	7.14	ug/l	98

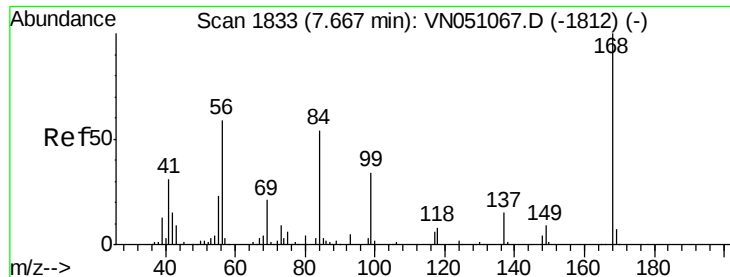
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051152.D

Acq: 12 Sep 2018 15:00

Instrument :

MSVOA_N

ClientSampled :

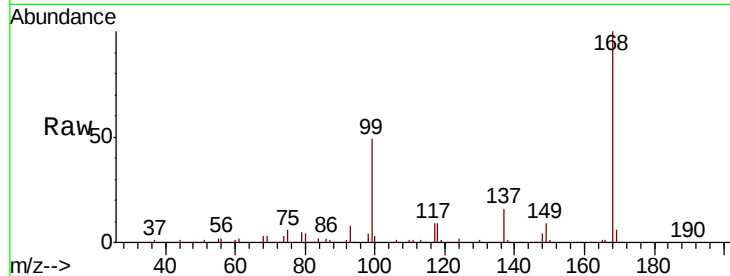
CS-SOIL

Tot Ion:168 Resp: 594286

Ion Ratio Lower Upper

168 100

99 49.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051152.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051152.D (-1740) (-)

7.67

250000

200000

150000

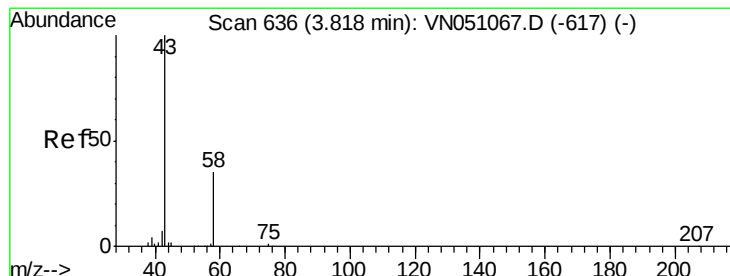
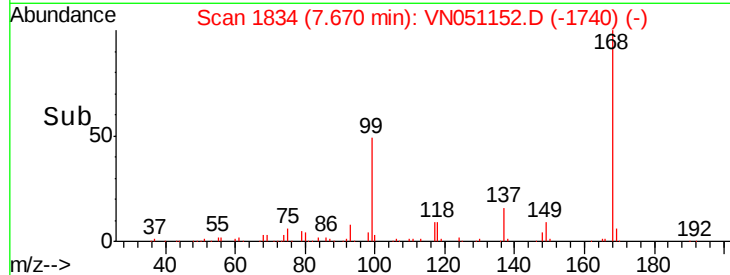
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 2.91 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051152.D

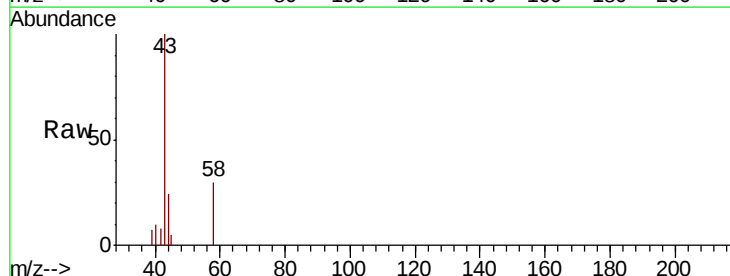
Acq: 12 Sep 2018 15:00

Tgt Ion: 43 Resp: 14194

Ion Ratio Lower Upper

43 100

58 30.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051152.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051152.D (-543) (-)

3.83

5000

4000

3000

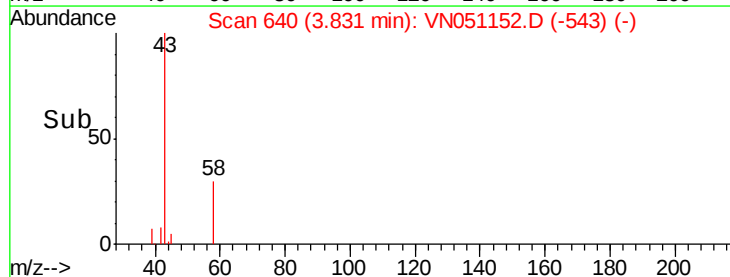
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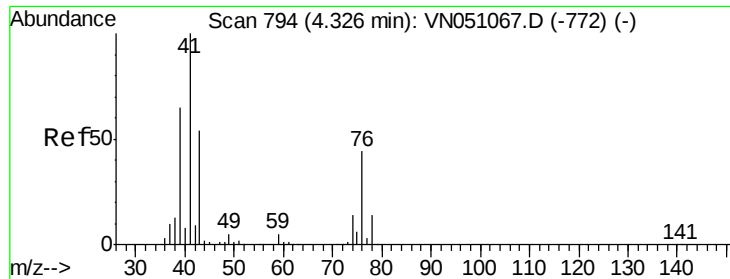
1000

0

3.75 3.80 3.85 3.90

Time-->

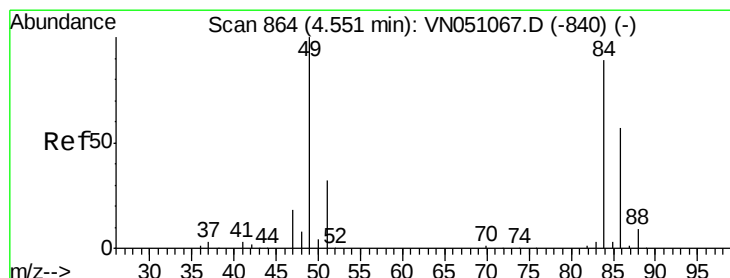
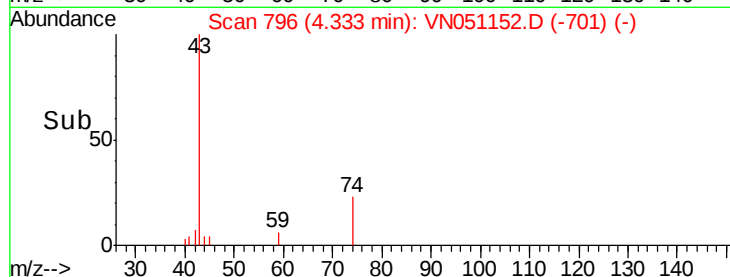
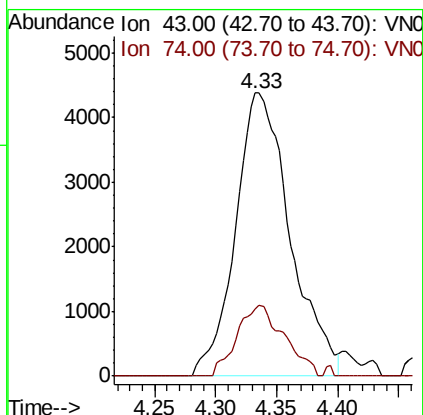
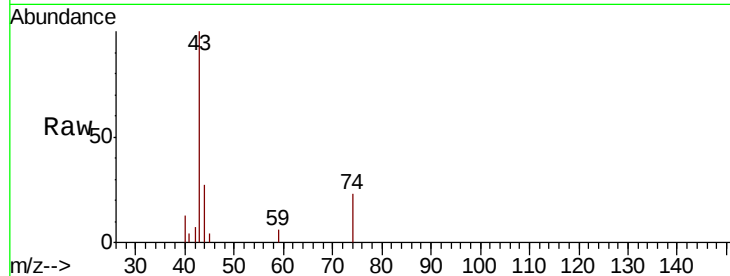




#18
Methvl Acetate
Concen: 2.57 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051152.D
Acq: 12 Sep 2018 15:00

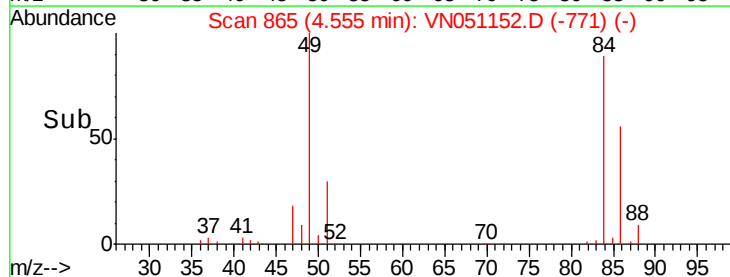
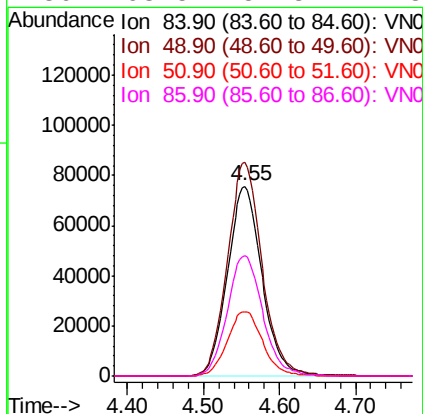
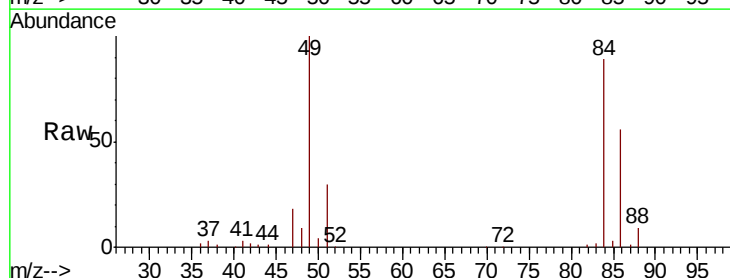
Instrument :
MSVOA_N
ClientSampleId :
CS-SOIL

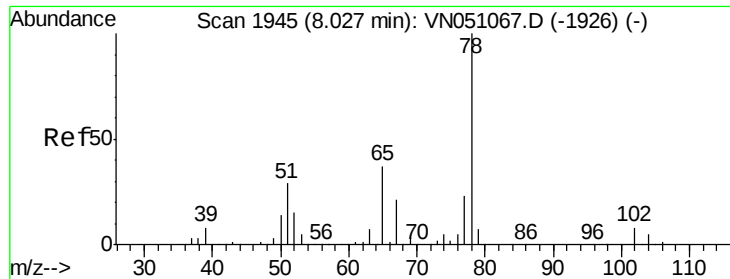
Tot Ion: 43 Resp: 13614
Ion Ratio Lower Upper
43 100
74 21.6 20.7 31.1



#20
Methylene Chloride
Concen: 32.68 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051152.D
Acq: 12 Sep 2018 15:00

Tgt Ion: 84 Resp: 238753
Ion Ratio Lower Upper
84 100
49 112.5 90.2 135.2
51 34.0 28.4 42.6
86 63.5 51.8 77.8

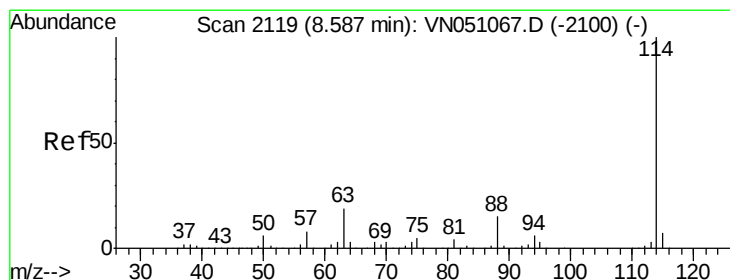
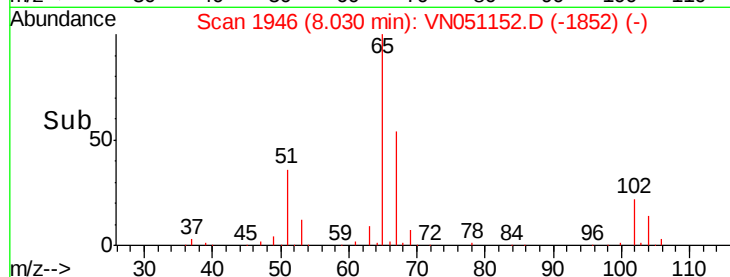
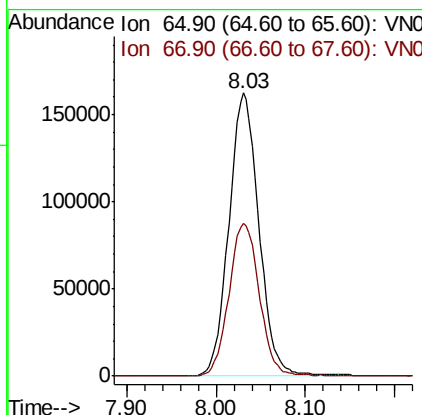
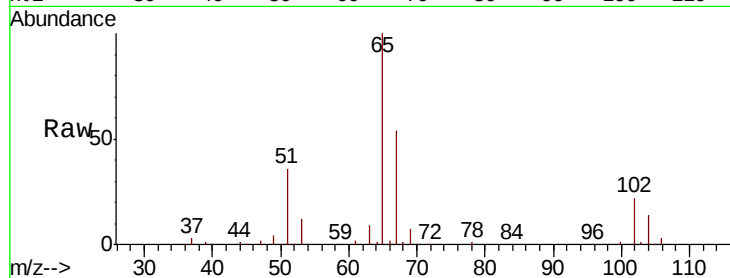




#33
 1,2-Dichloroethane-d4
 Concen: 57.22 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051152.D
 Acq: 12 Sep 2018 15:00

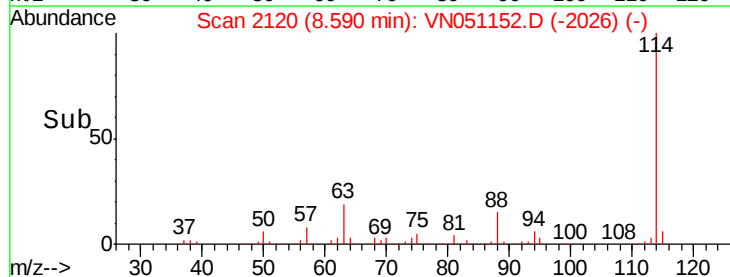
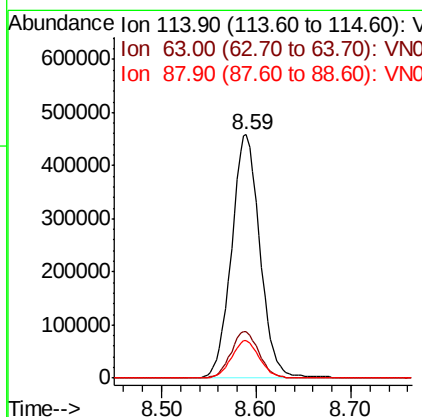
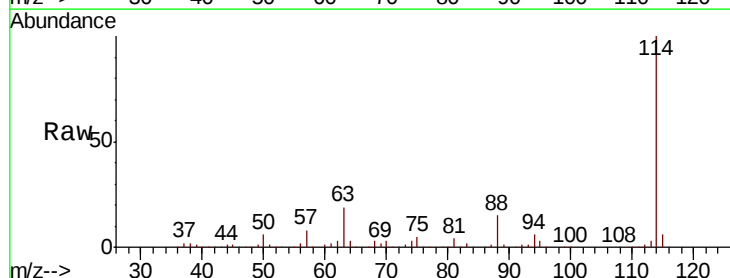
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-SOIL

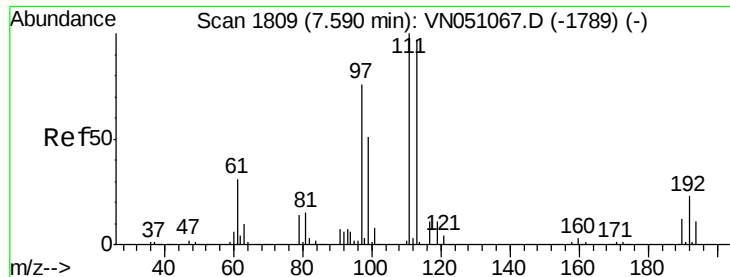
Tot Ion: 65 Resp: 378433
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051152.D
 Acq: 12 Sep 2018 15:00

Tgt Ion: 114 Resp: 954964
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.2 0.0 30.8

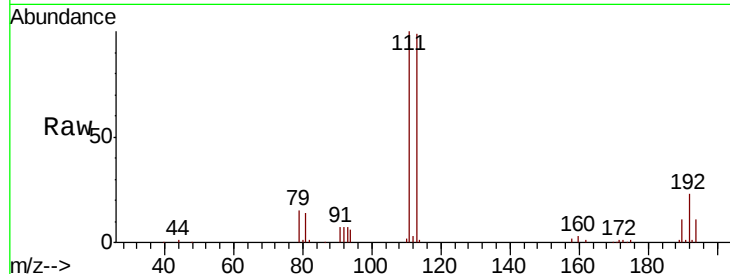




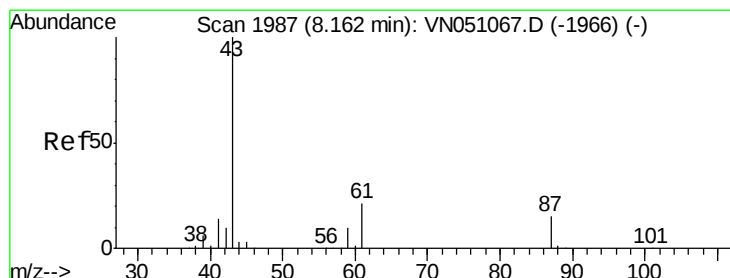
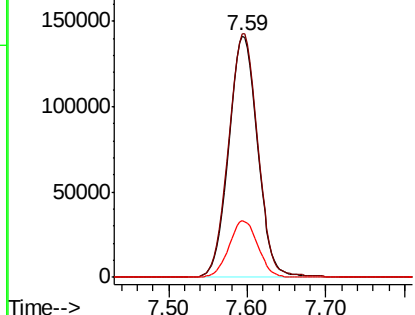
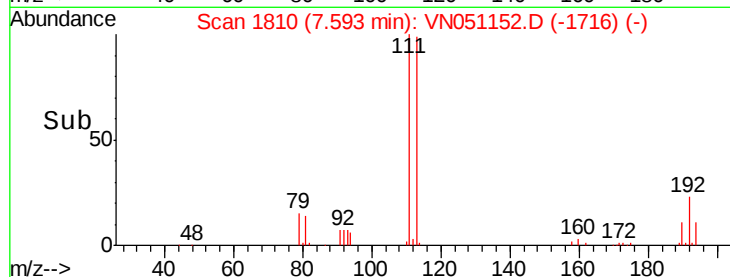
#35
 Dibromofluoromethane
 Concen: 50.21 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051152.D
 Acq: 12 Sep 2018 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-SOIL

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	23.5	18.7	28.1

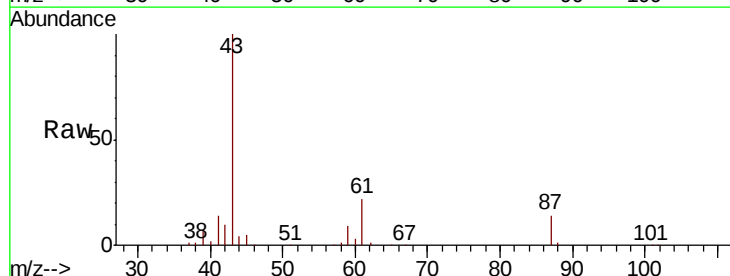


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

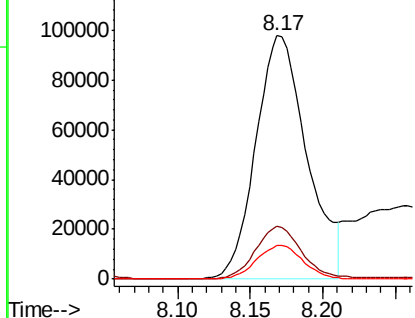
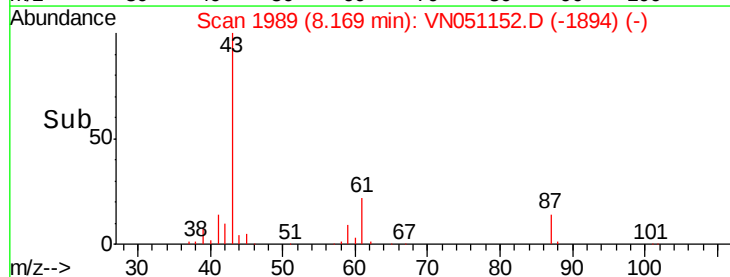


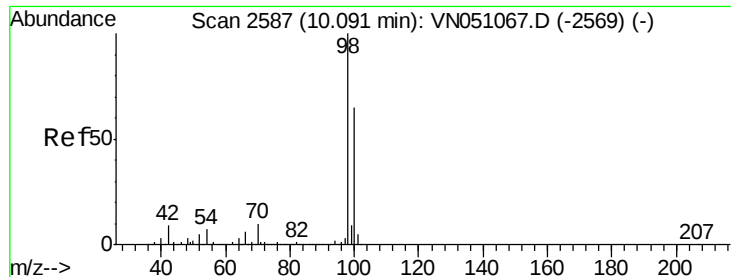
#43
 Isopropyl Acetate
 Concen: 22.35 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051152.D
 Acq: 12 Sep 2018 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	25.0	37.6#
87	12.7	11.8	17.8



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





#50

Toluene-d8

Concen: 47.82 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051152.D

Acq: 12 Sep 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

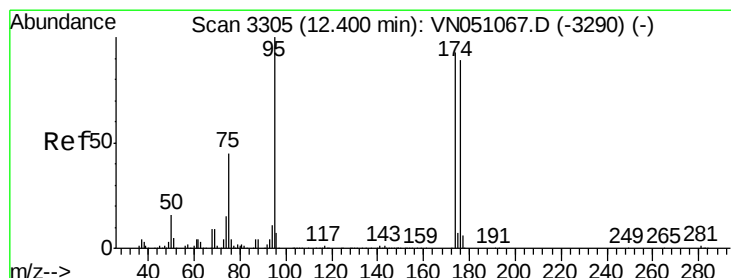
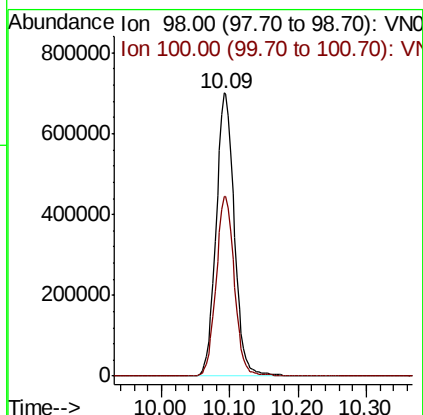
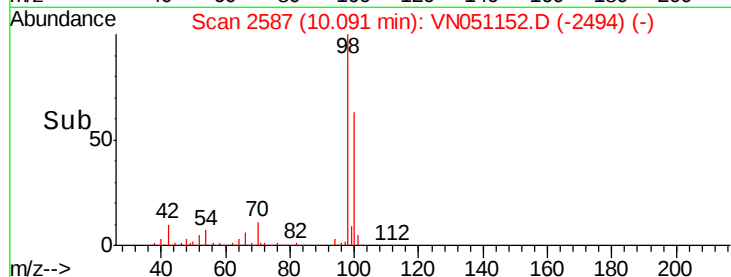
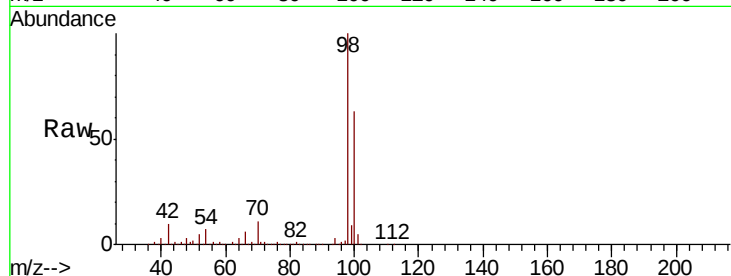
CS-SOIL

Tot Ion: 98 Resp: 1302101

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.07 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051152.D

Acq: 12 Sep 2018 15:00

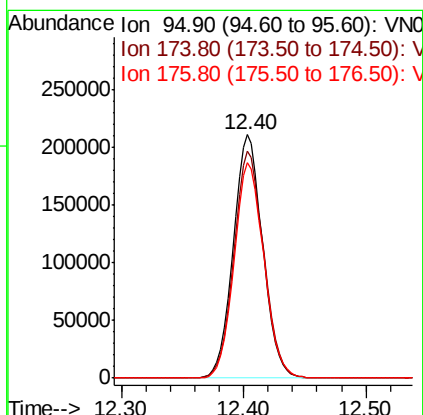
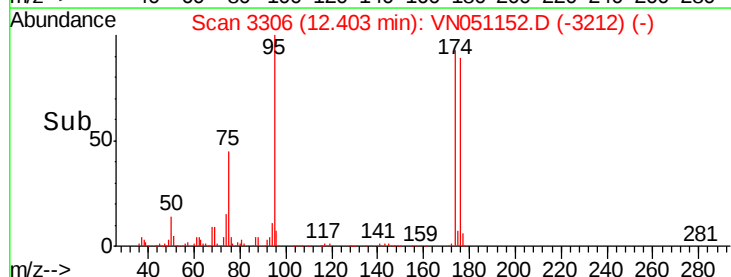
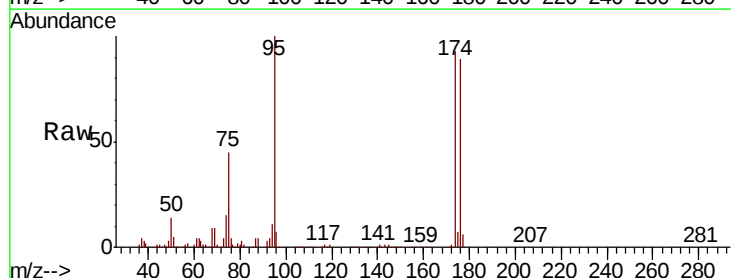
Tgt Ion: 95 Resp: 351942

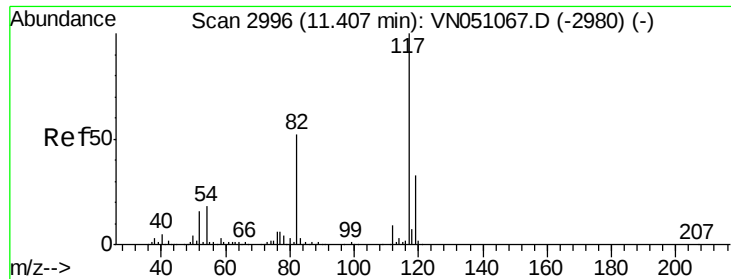
Ion Ratio Lower Upper

95 100

174 94.8 0.0 184.8

176 89.8 0.0 178.6

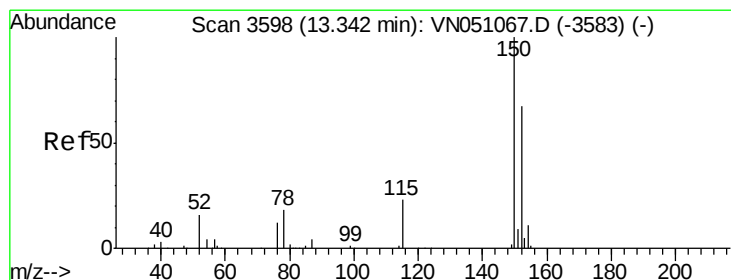
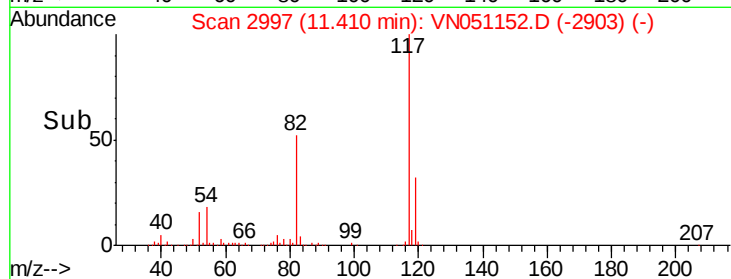
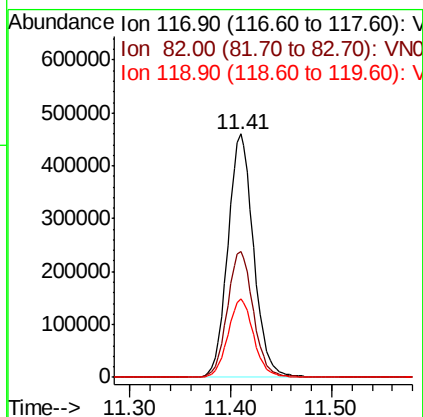
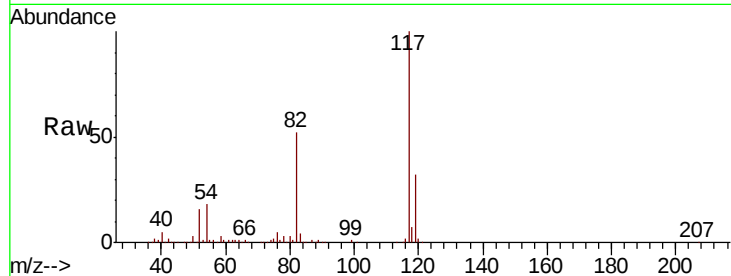




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051152.D
Acq: 12 Sep 2018 15:00

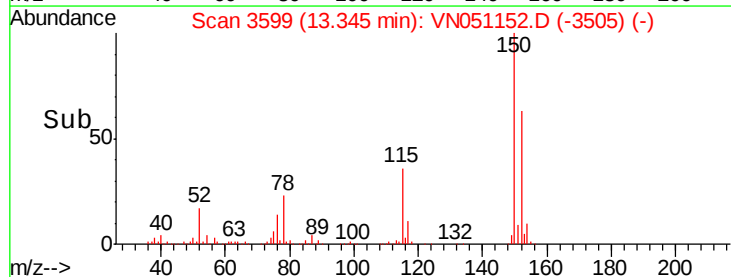
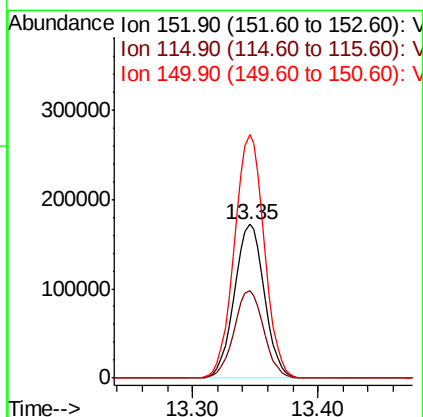
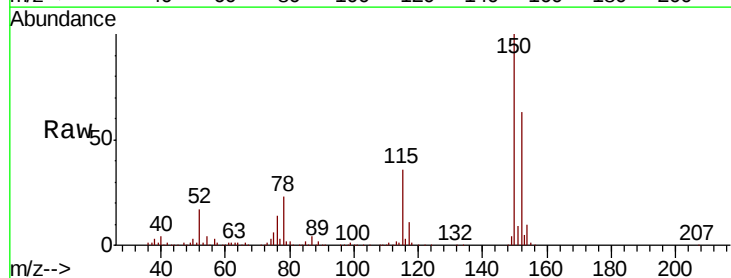
Instrument :
MSVOA_N
ClientSampled :
CS-SOIL

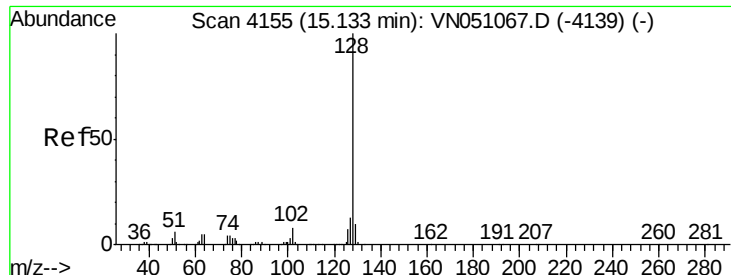
Tot Ion:117 Resp: 816784
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.6
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051152.D
Acq: 12 Sep 2018 15:00

Tgt Ion:152 Resp: 285546
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 157.7 0.0 349.0





#95
Naphthalene
Concen: 7.14 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051152.D
Acq: 12 Sep 2018 15:00

Instrument :
MSVOA_N
ClientSampleId :
CS-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	11.2	8.6	12.8

