

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050581.D
 Acq On : 13 Aug 2018 20:29
 Operator : MD\SY
 Sample : J4417-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Aug 14 02:20:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1016317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	862774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311090	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	423634	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	7.59	113	397517	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	10.09	98	1396209	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
62) 4-Bromofluorobenzene	12.40	95	373150	35.71	ug/l	0.00
Spiked Amount			Recovery	=	71.42%	

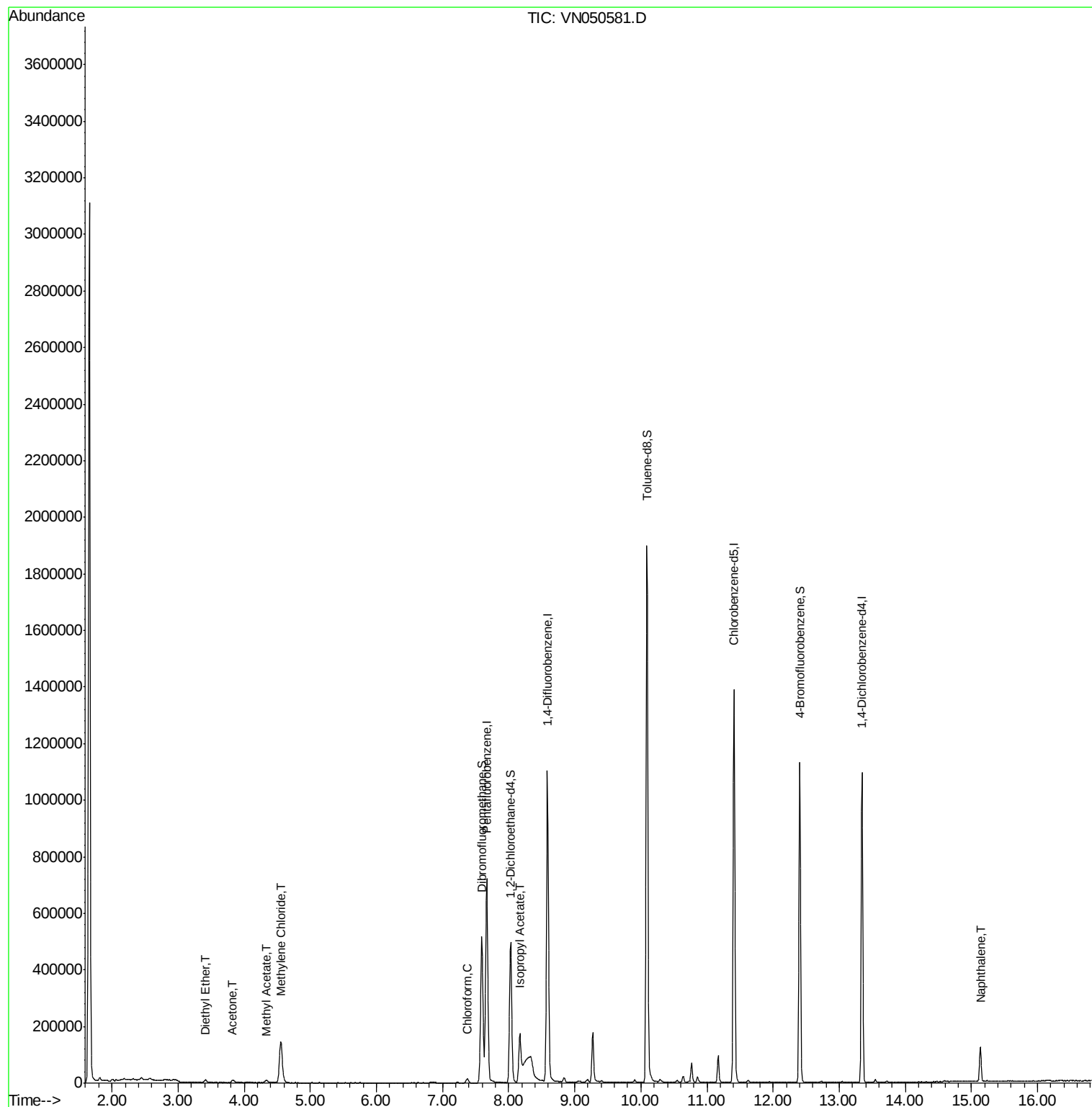
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	5012	1.20	ug/l	83
16) Acetone	3.82	43	17226	6.70	ug/l	99
18) Methyl Acetate	4.33	43	17207	2.53	ug/l	98
20) Methylene Chloride	4.55	84	117521	14.62	ug/l	98
30) Chloroform	7.37	83	15363	1.15	ug/l	84
43) Isopropyl Acetate	8.17	43	212291	15.29	ug/l	96
95) Naphthalene	15.14	128	106555	10.18	ug/l	99

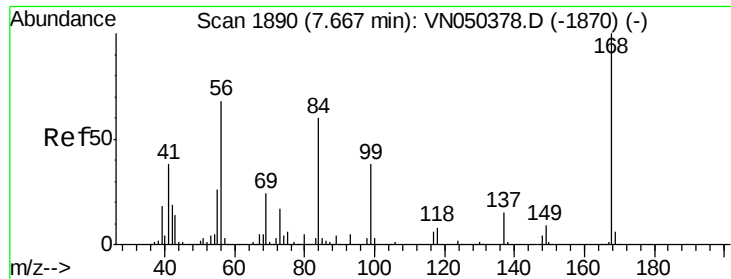
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 02:20:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050581.D

Acq: 13 Aug 2018 20:29

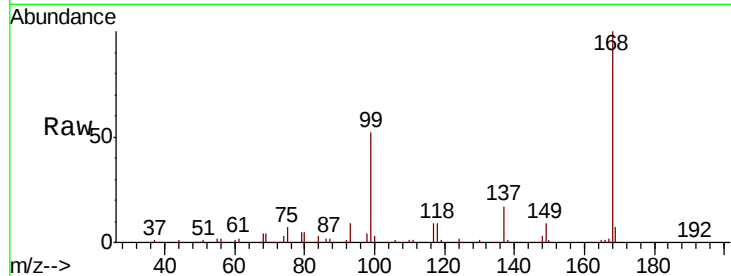
Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:168 Resp: 613539

Ion Ratio Lower Upper

168 100

99 51.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

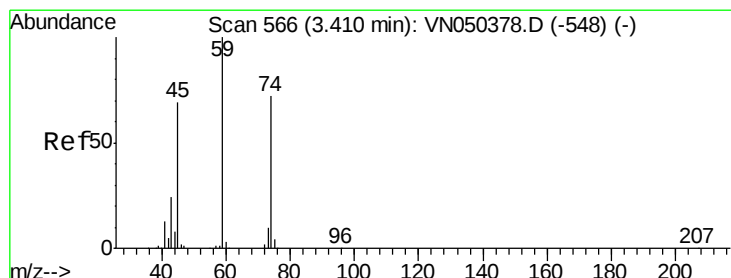
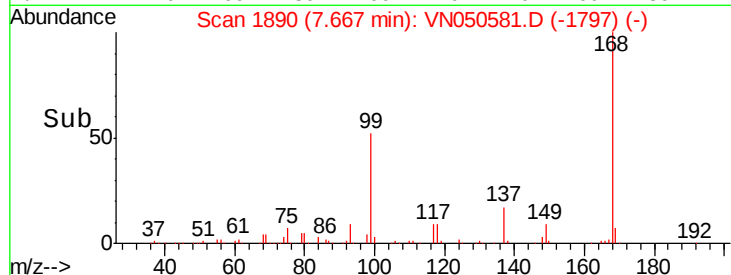
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.20 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050581.D

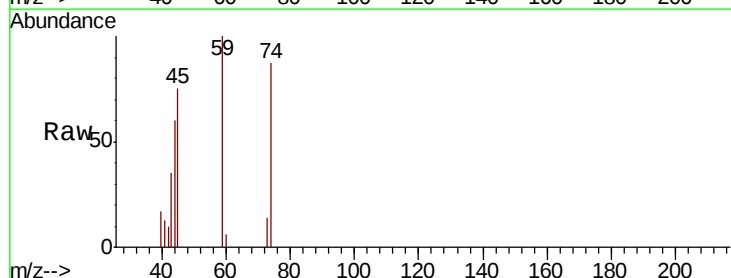
Acq: 13 Aug 2018 20:29

Tgt Ion: 74 Resp: 5012

Ion Ratio Lower Upper

74 100

45 111.5 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

3000

2500

2000

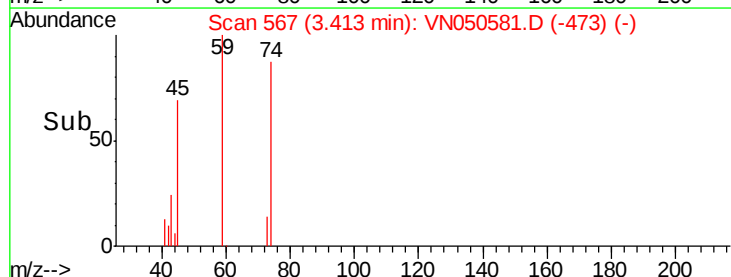
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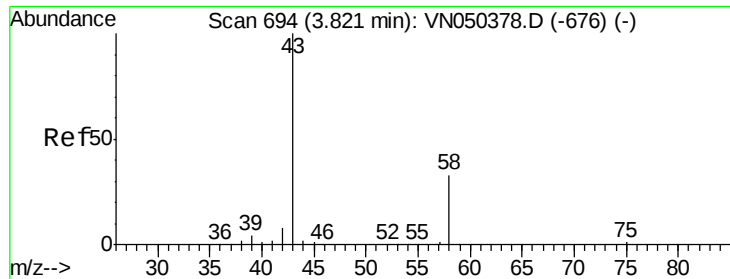
1000

500

0

Time-->





#16

Acetone

Concen: 6.70 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050581.D

Acq: 13 Aug 2018 20:29

Instrument :

MSVOA_N

ClientSampleId :

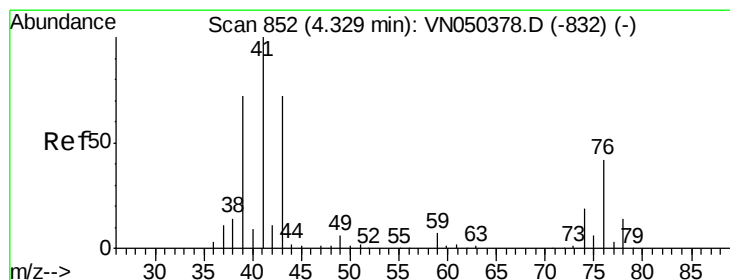
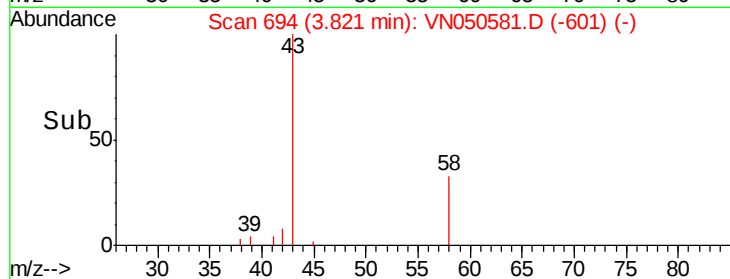
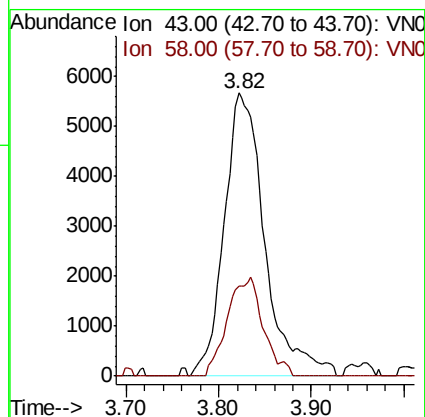
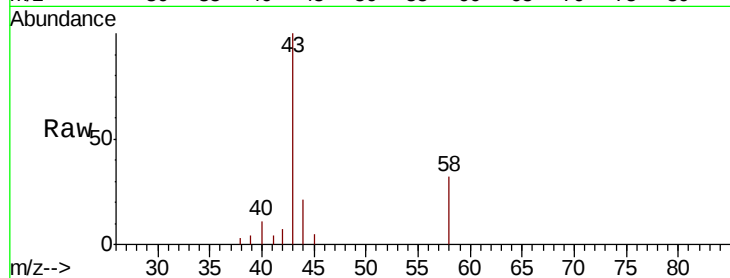
SOIL-CUTTINGS

Tot Ion: 43 Resp: 17226

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.8



#18

Methyl Acetate

Concen: 2.53 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050581.D

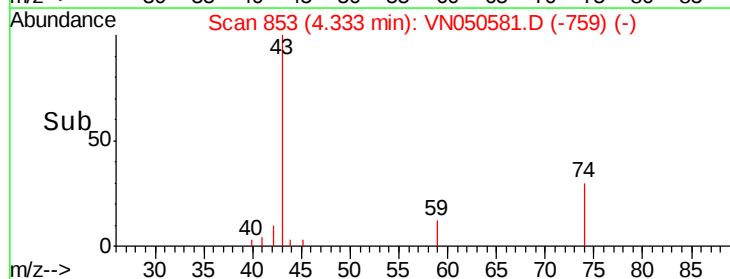
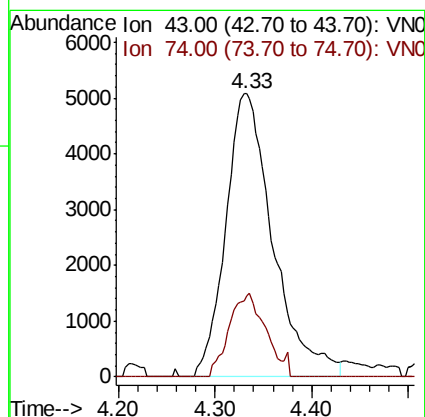
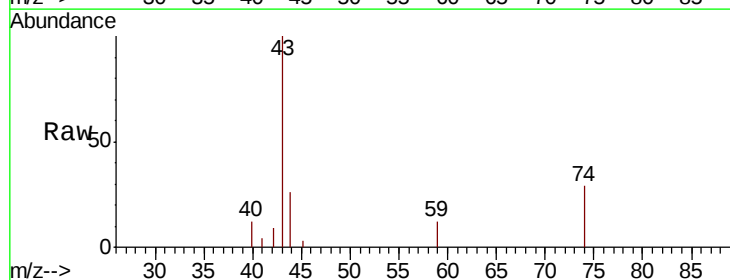
Acq: 13 Aug 2018 20:29

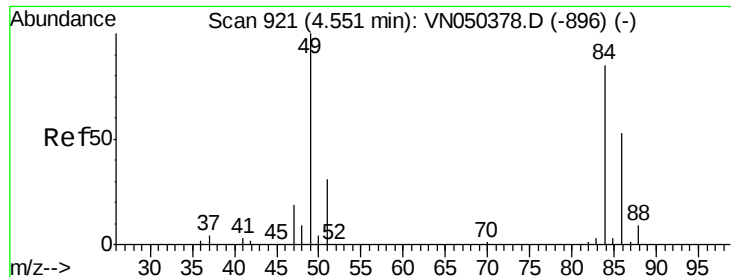
Tgt Ion: 43 Resp: 17207

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8

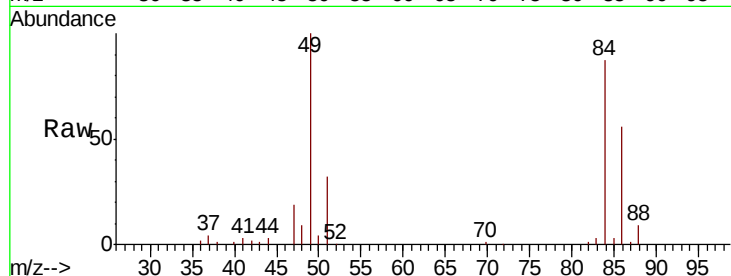




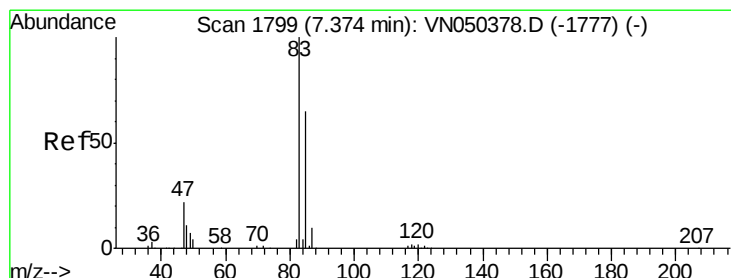
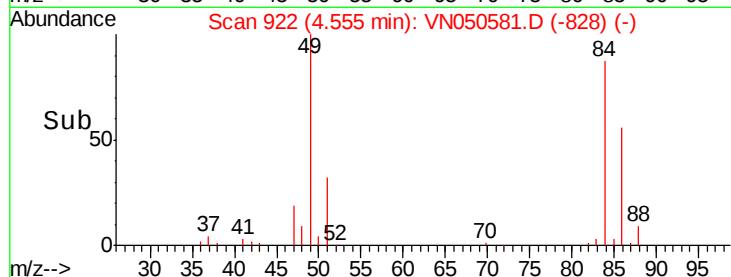
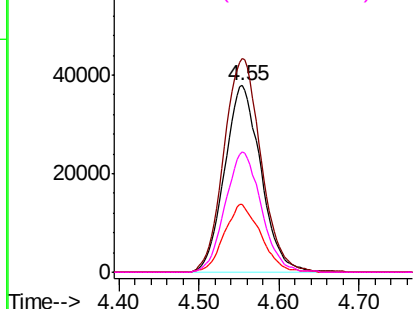
#20
Methvlene Chloride
Concen: 14.62 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050581.D
Acq: 13 Aug 2018 20:29

Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

Tot Ion: 84 Resp: 117521
Ion Ratio Lower Upper
84 100
49 114.3 94.8 142.2
51 36.1 28.3 42.5
86 64.3 51.0 76.6

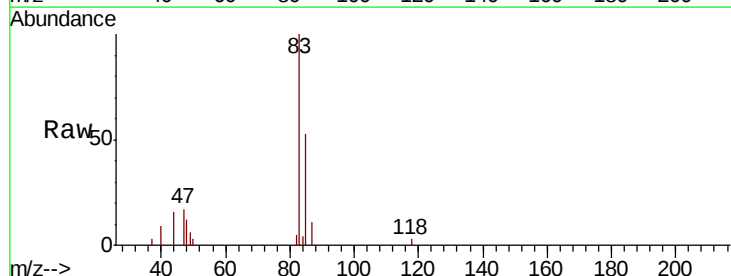


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

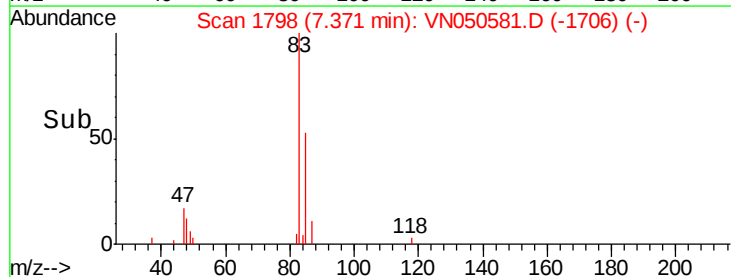
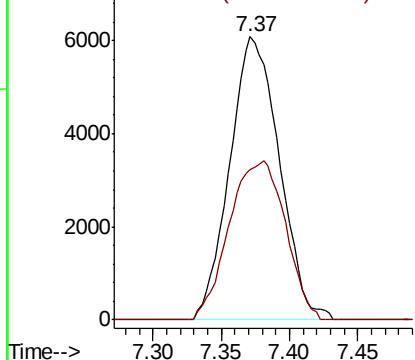


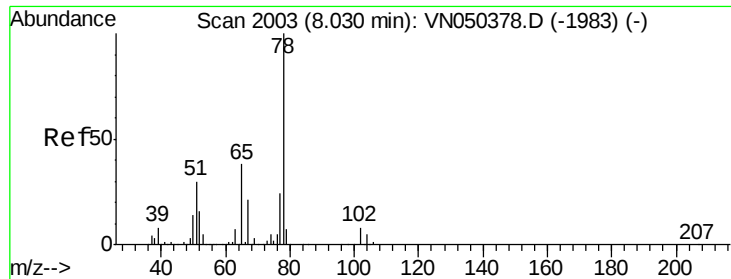
#30
Chloroform
Concen: 1.15 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050581.D
Acq: 13 Aug 2018 20:29

Tgt Ion: 83 Resp: 15363
Ion Ratio Lower Upper
83 100
85 53.3 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 51.68 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050581.D

Acq: 13 Aug 2018 20:29

Instrument :

MSVOA_N

ClientSampleId :

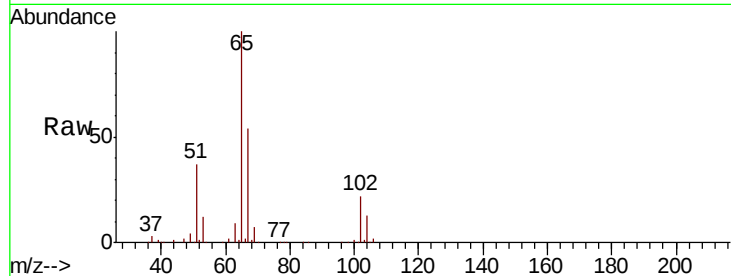
SOIL-CUTTINGS

Tot Ion: 65 Resp: 423634

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

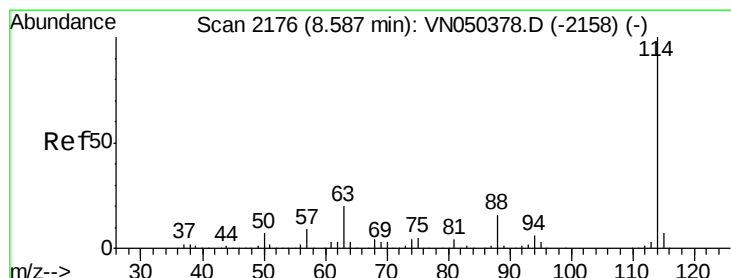
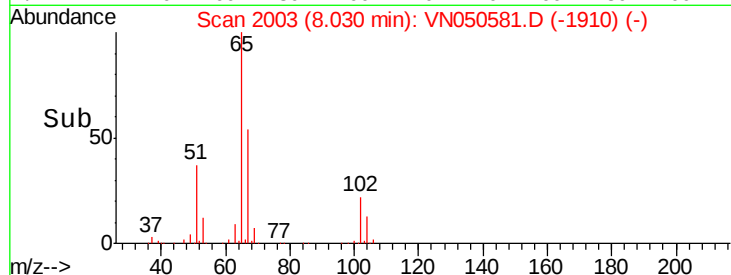
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050581.D

Acq: 13 Aug 2018 20:29

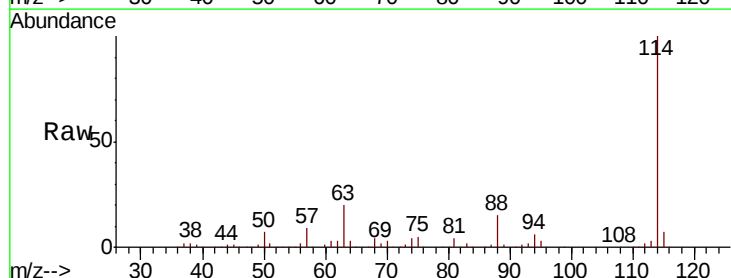
Tgt Ion:114 Resp: 1016317

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

300000

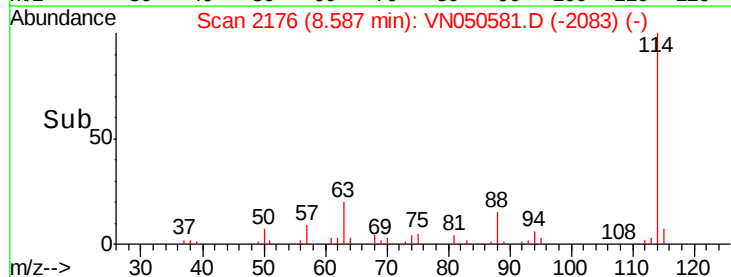
200000

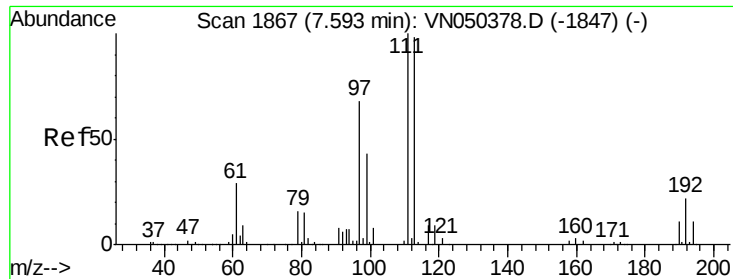
100000

0

8.50 8.60 8.70

Time-->

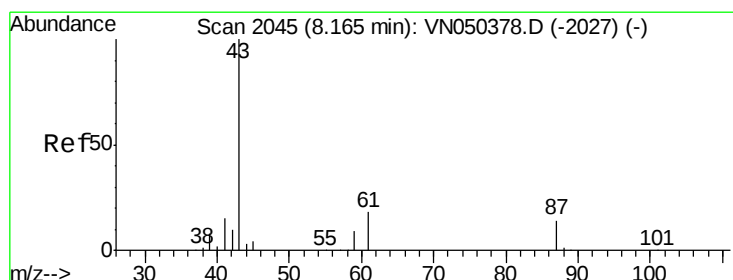
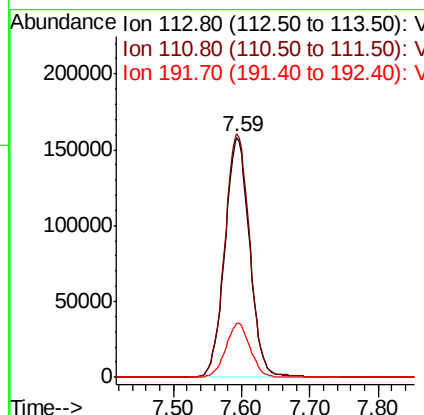
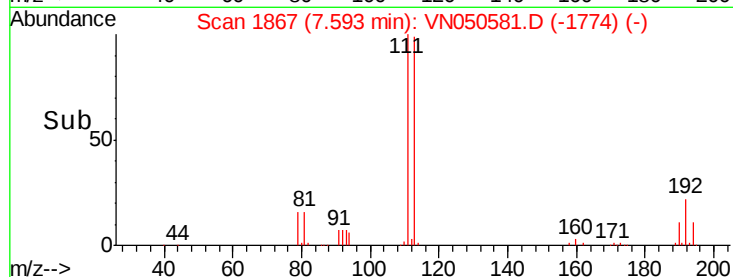
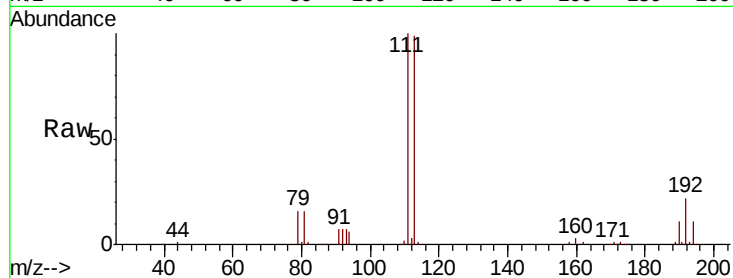




#35
 Dibromofluoromethane
 Concen: 48.75 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050581.D
 Acq: 13 Aug 2018 20:29

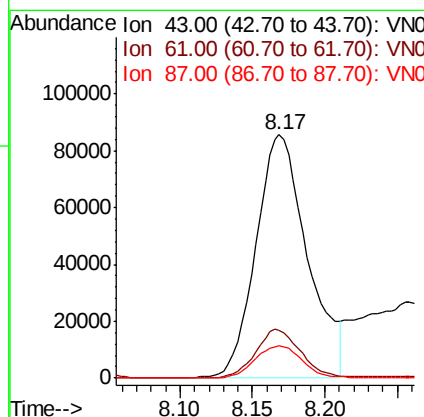
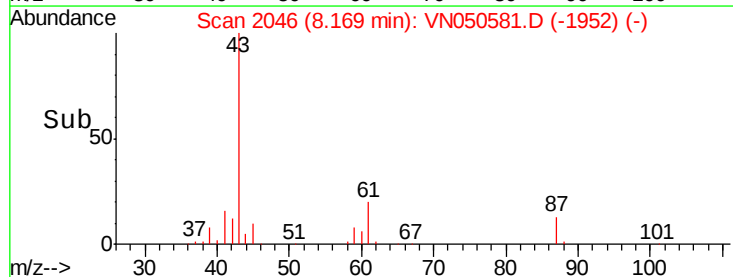
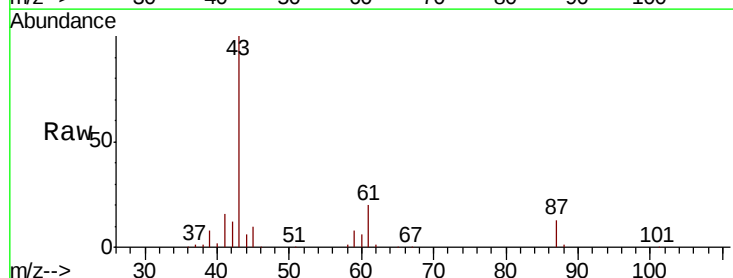
Instrument :
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 SOIL-CUTTINGS

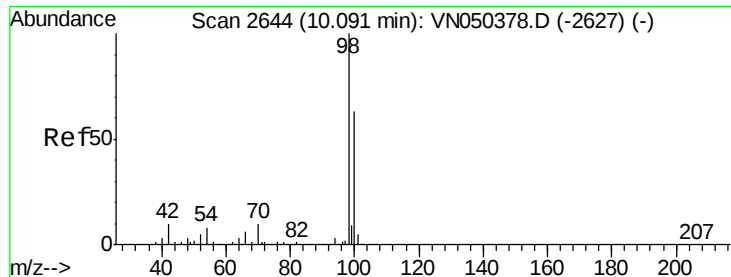
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	22.3	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 15.29 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050581.D
 Acq: 13 Aug 2018 20:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.8	23.6
87	12.1	10.3	15.5

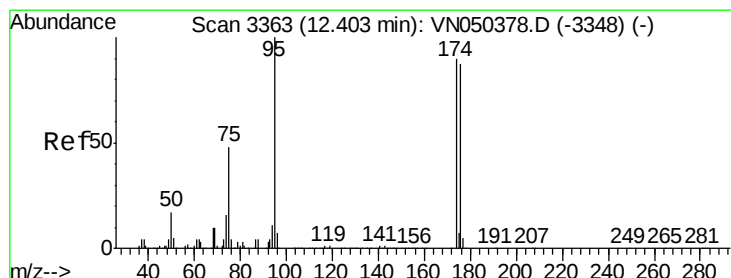
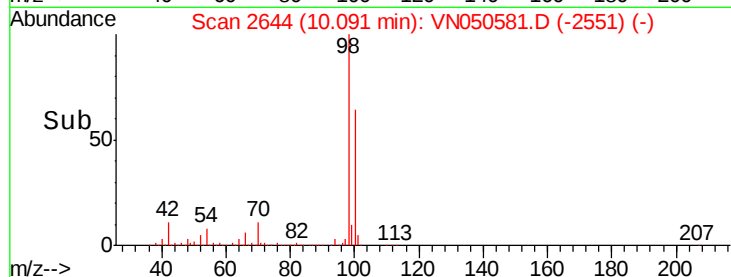
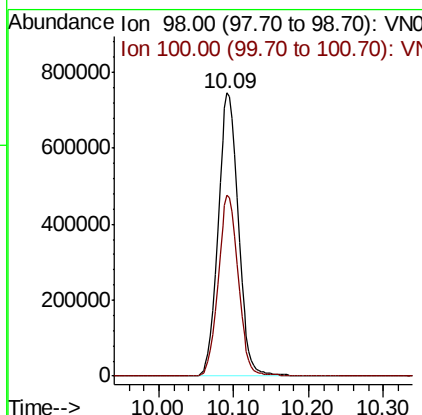
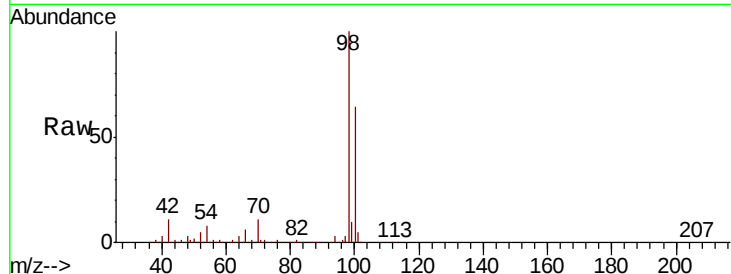




#50
Toluene-d8
Concen: 45.54 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050581.D
Acq: 13 Aug 2018 20:29

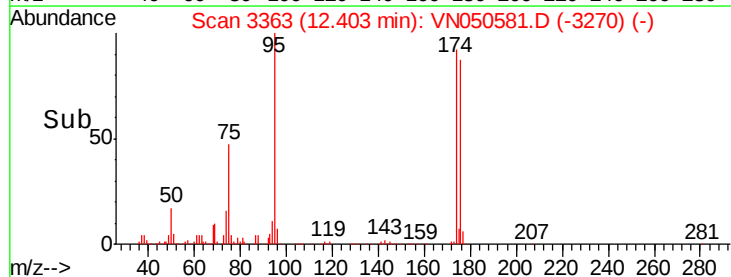
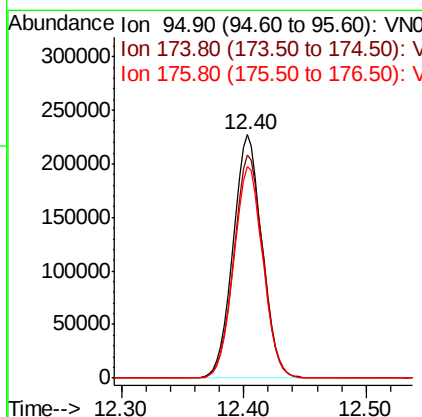
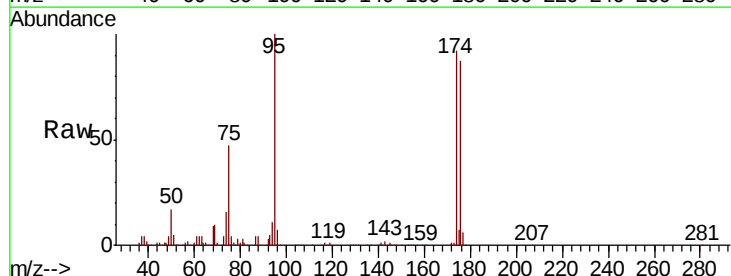
Instrument :
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SOIL-CUTTINGS

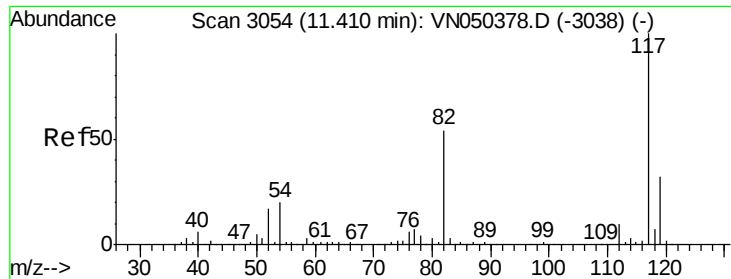
Tot Ion: 98 Resp: 1396209
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 35.71 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050581.D
Acq: 13 Aug 2018 20:29

Tgt Ion: 95 Resp: 373150
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 87.8 0.0 173.4

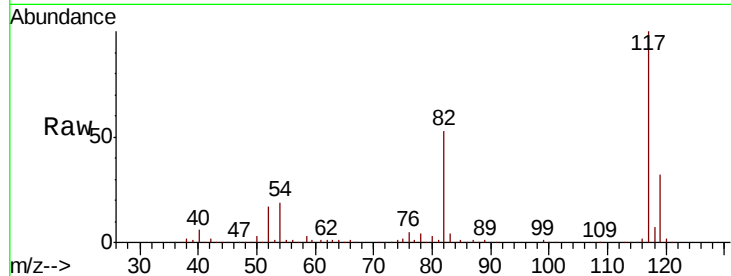




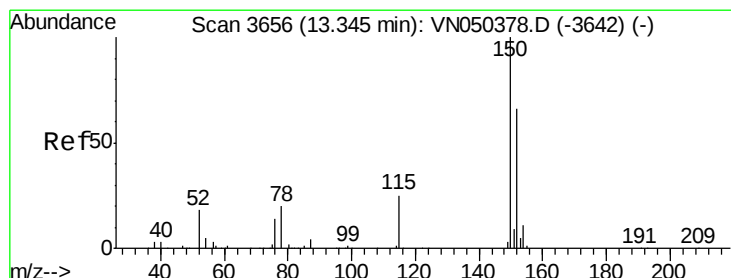
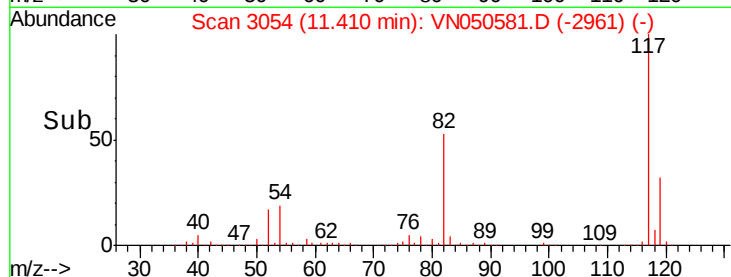
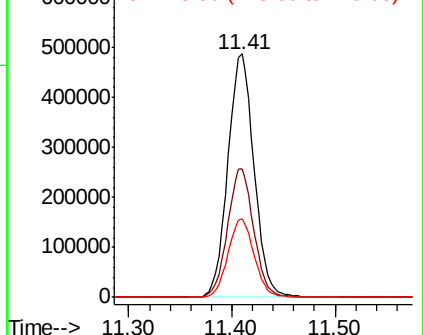
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050581.D
Acq: 13 Aug 2018 20:29

Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:117 Resp: 862774
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 32.0 26.1 39.1

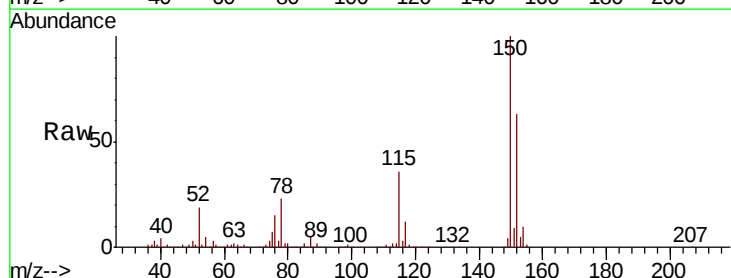


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

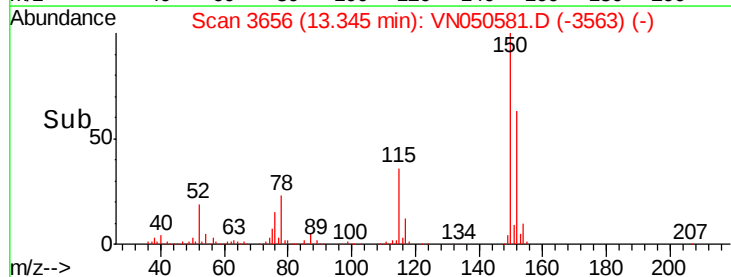
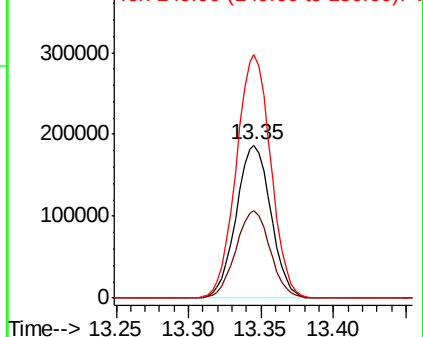


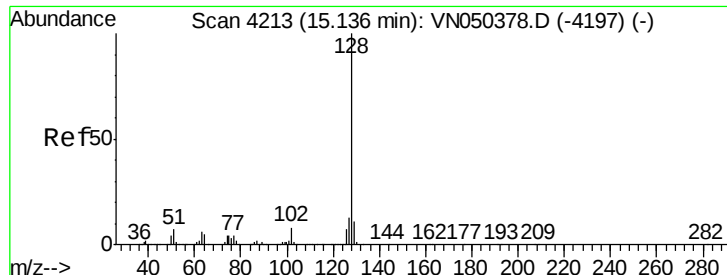
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050581.D
Acq: 13 Aug 2018 20:29

Tgt Ion:152 Resp: 311090
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.3
150 158.1 0.0 348.6



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: 10.18 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050581.D
Acq: 13 Aug 2018 20:29

Instrument :
MSVOA_N
ClientSampleId :
SOIL-CUTTINGS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.3	8.8	13.2

