

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050413.D
 Acq On : 7 Aug 2018 4:17
 Operator : MD\SY
 Sample : J4333-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-3

Quant Time: Aug 07 08:09:52 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	643728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1039693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	323833	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	448855	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	409165	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.09	98	1439450	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.40	95	390807	36.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.12%	

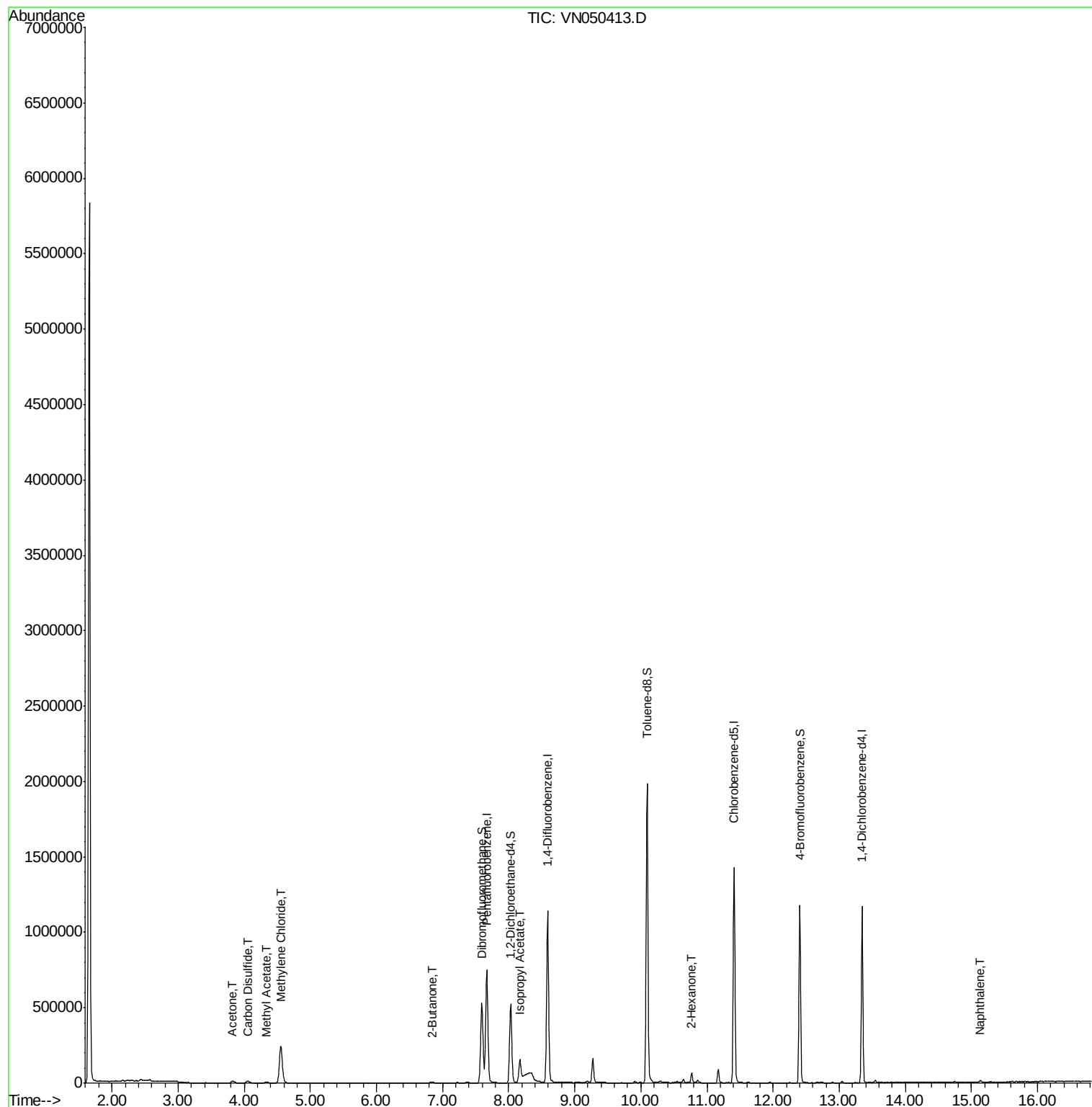
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23499	8.81	ug/l	98
17) Carbon Disulfide	4.05	76	27203	1.20	ug/l	99
18) Methyl Acetate	4.34	43	13272	1.81	ug/l	92
20) Methylene Chloride	4.55	84	191459	23.59	ug/l	98
25) 2-Butanone	6.85	43	5155	1.21	ug/l	98
43) Isopropyl Acetate	8.17	43	186969	13.17	ug/l	99
59) 2-Hexanone	10.77	43	9633	1.35	ug/l #	57
95) Naphthalene	15.13	128	10415	4.24	ug/l	96

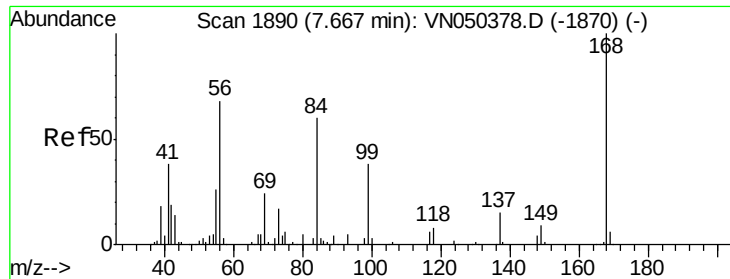
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050413.D
Acq On : 7 Aug 2018 4:17
Operator : MD\SY
Sample : J4333-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SOIL-3

Quant Time: Aug 07 08:09:52 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: VN050413.D

Acq: 7 Aug 2018 4:17

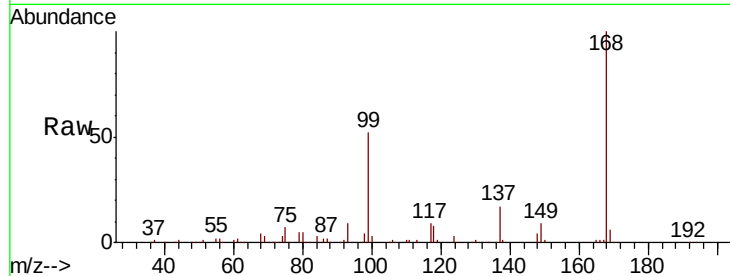
Instrument :
MSVOA_N
ClientSampleId :
SOIL-3

Tot Ion:168 Resp: 643728

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

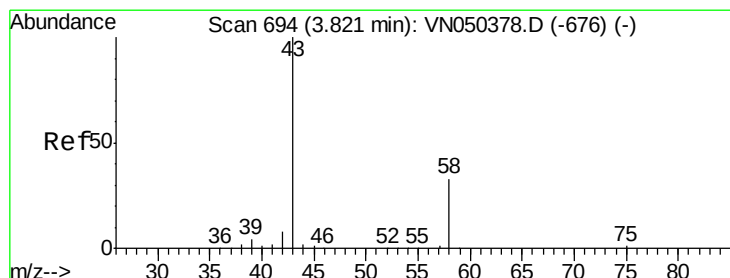
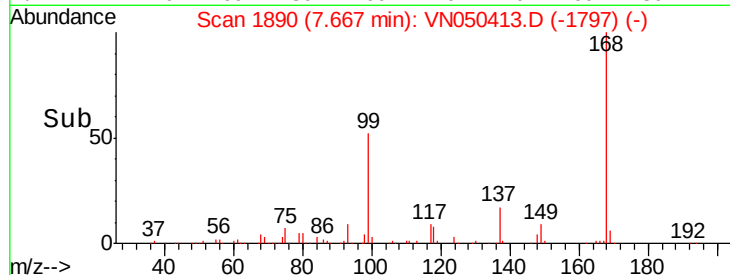
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.81 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050413.D

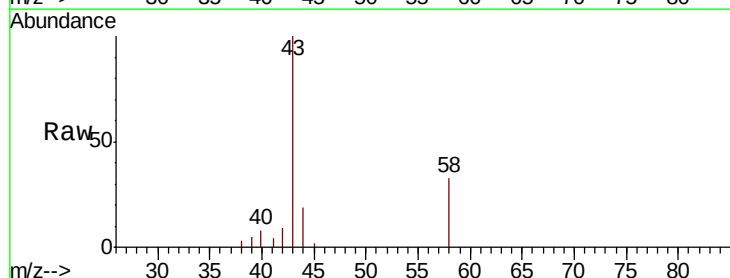
Acq: 7 Aug 2018 4:17

Tgt Ion: 43 Resp: 23499

Ion Ratio Lower Upper

43 100

58 33.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

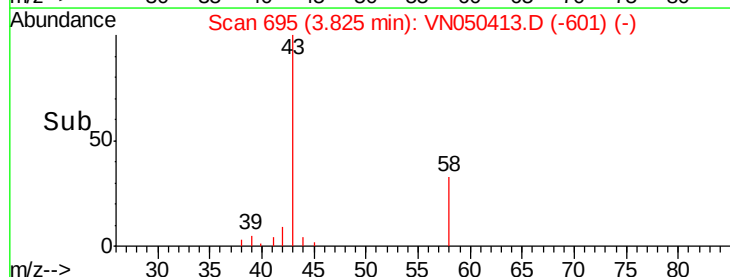
6000

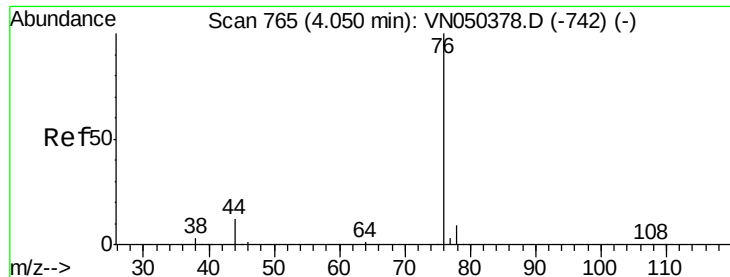
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.20 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN050413.D

Acq: 7 Aug 2018 4:17

Instrument :

MSVOA_N

ClientSampled :

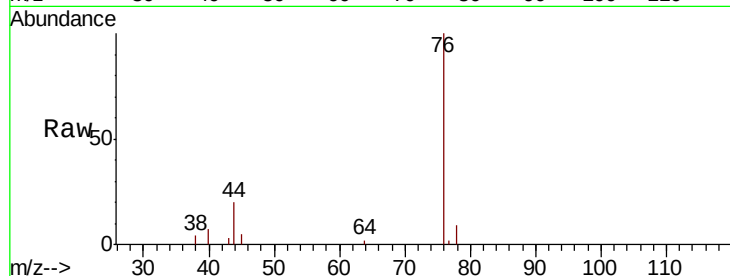
SOIL-3

Tot Ion: 76 Resp: 27203

Ion Ratio Lower Upper

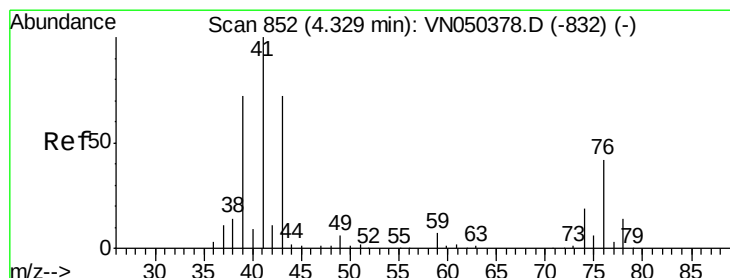
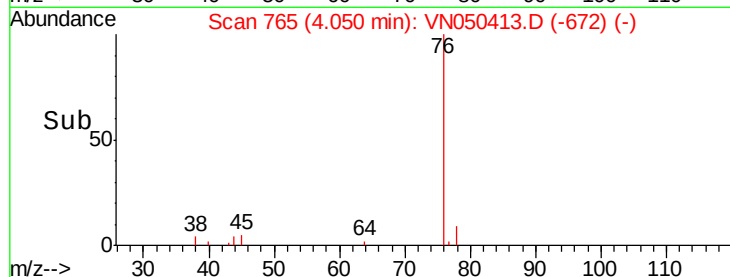
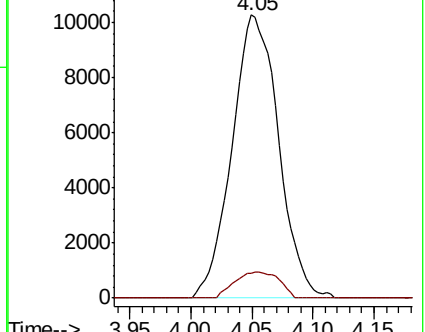
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050413.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN050413.D (-742) (-)



#18

Methyl Acetate

Concen: 1.81 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050413.D

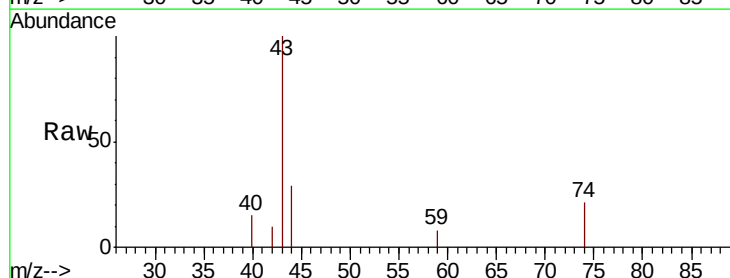
Acq: 7 Aug 2018 4:17

Tgt Ion: 43 Resp: 13272

Ion Ratio Lower Upper

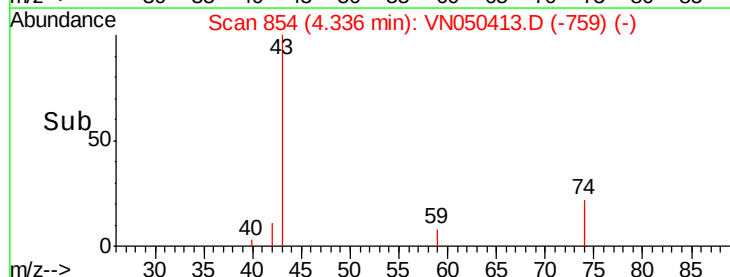
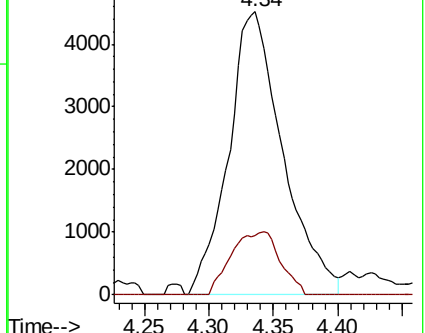
43 100

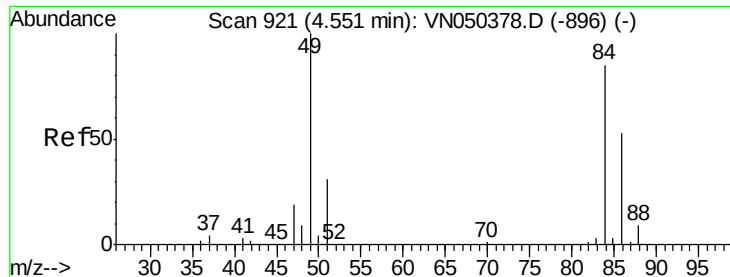
74 20.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050413.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN050413.D (-759) (-)

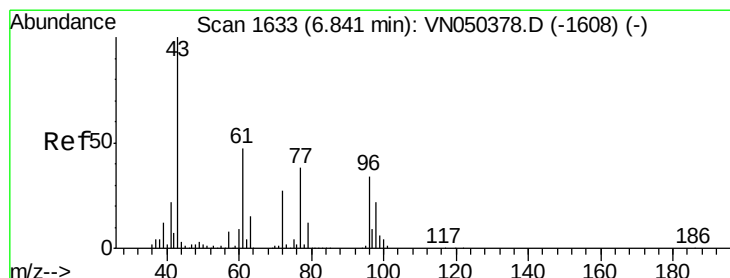
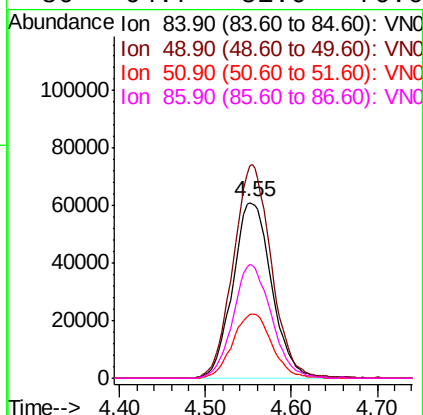
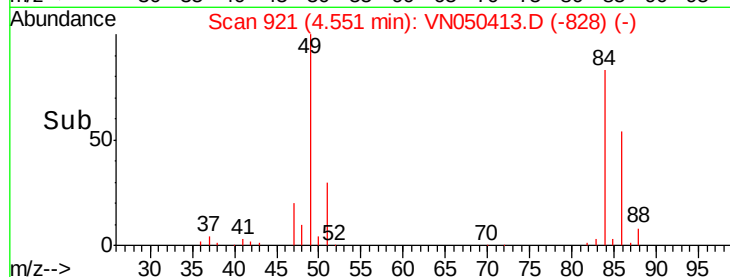
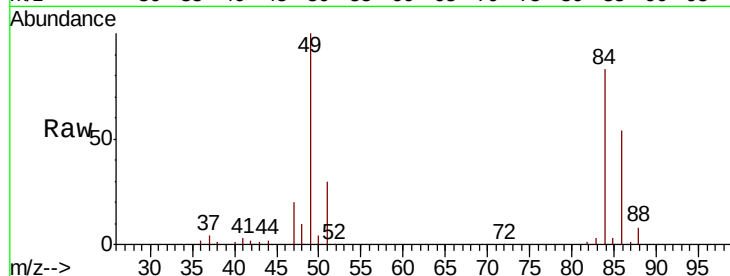




#20
Methvlene Chloride
Concen: 23.59 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050413.D
Acq: 7 Aug 2018 4:17

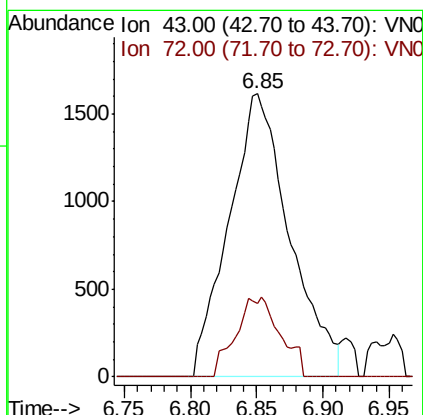
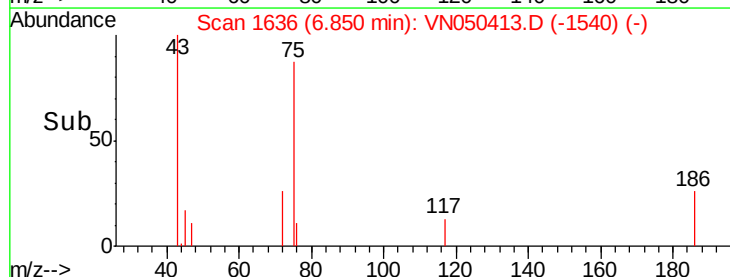
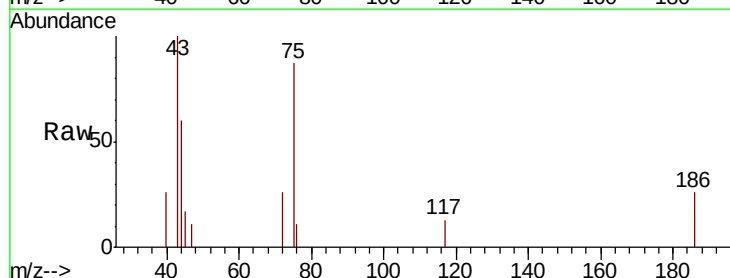
Instrument :
MSVOA_N
ClientSampled :
SOIL-3

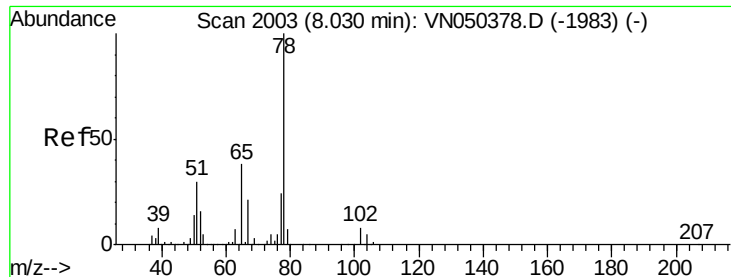
Tot Ion:	84	Resp:	191459
Ion	Ratio	Lower	Upper
84	100		
49	120.8	94.8	142.2
51	36.4	28.3	42.5
86	64.7	51.0	76.6



#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050413.D
Acq: 7 Aug 2018 4:17

Tgt Ion:	43	Resp:	5155
Ion	Ratio	Lower	Upper
43	100		
72	26.0	21.5	32.3

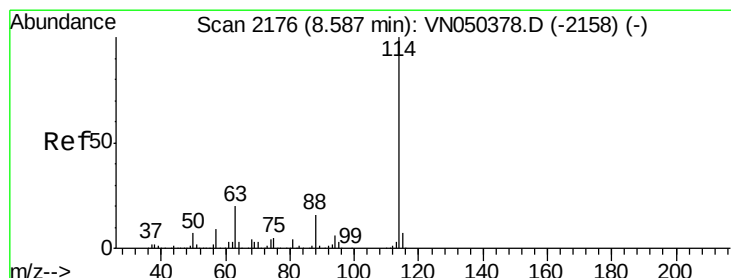
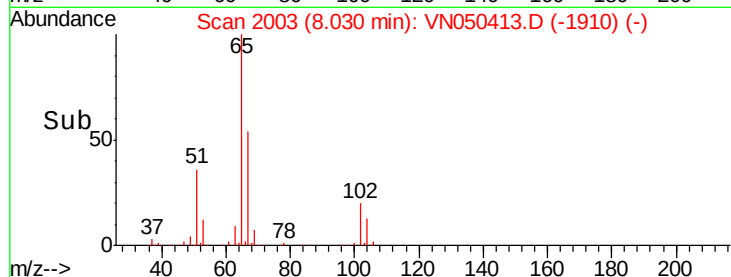
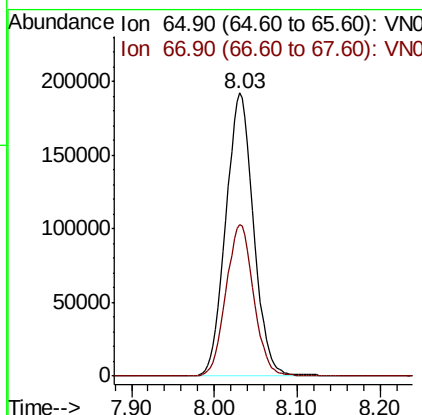
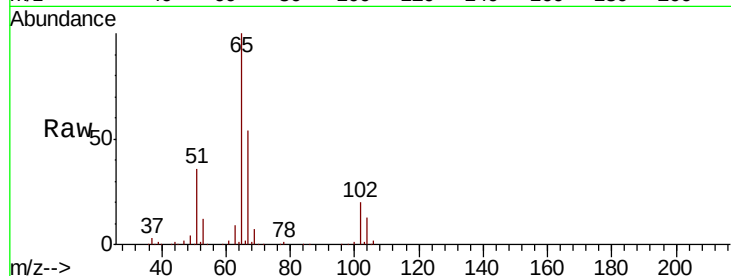




#33
 1,2-Dichloroethane-d4
 Concen: 52.19 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050413.D
 Acq: 7 Aug 2018 4:17

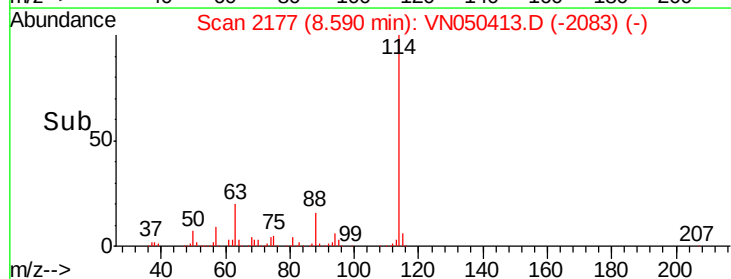
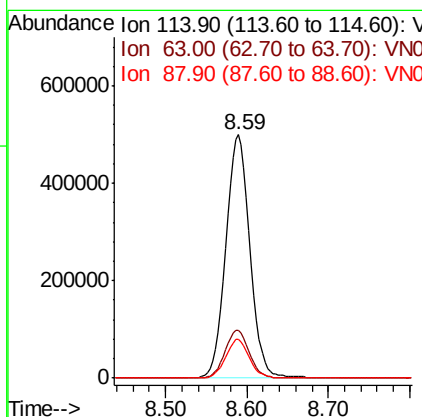
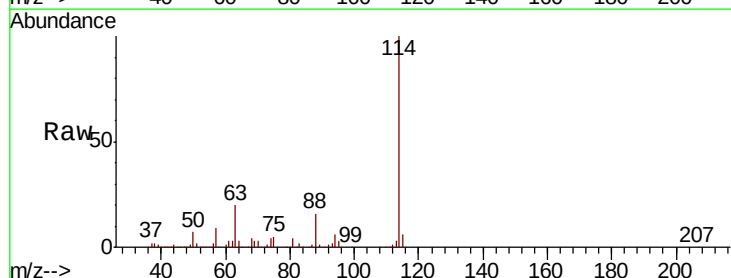
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-3

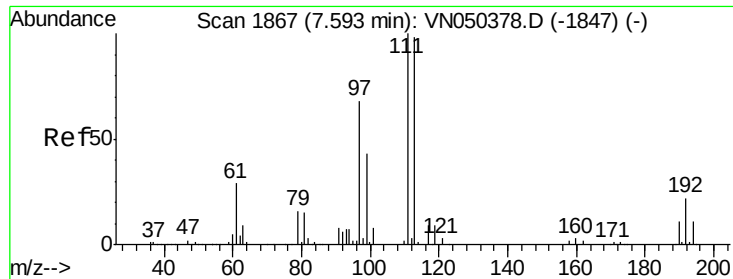
Tot Ion: 65 Resp: 448855
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050413.D
 Acq: 7 Aug 2018 4:17

Tgt Ion: 114 Resp: 1039693
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.9 0.0 31.2

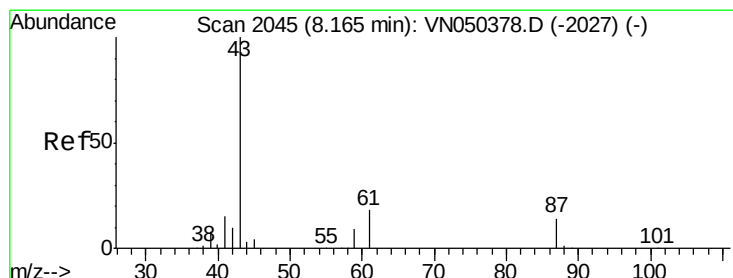
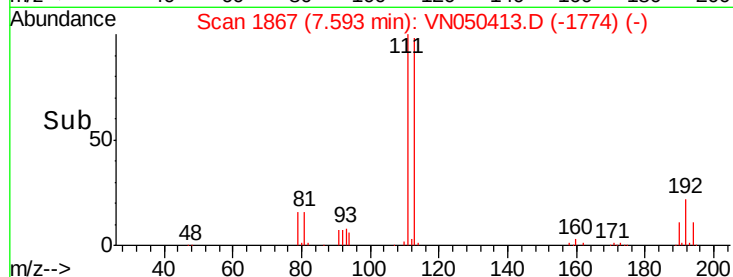
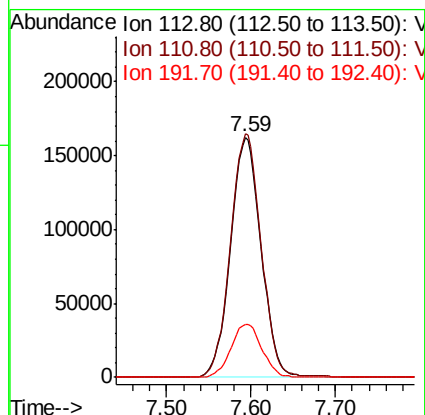
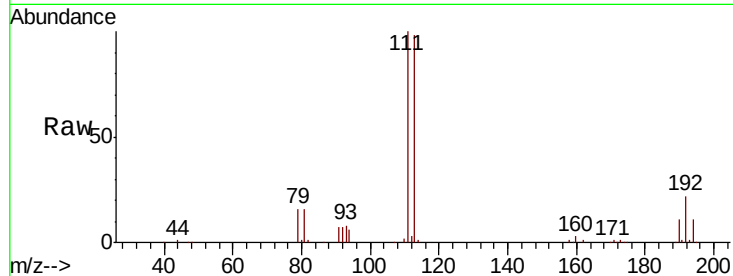




#35
 Dibromofluoromethane
 Concen: 49.05 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050413.D
 Acq: 7 Aug 2018 4:17

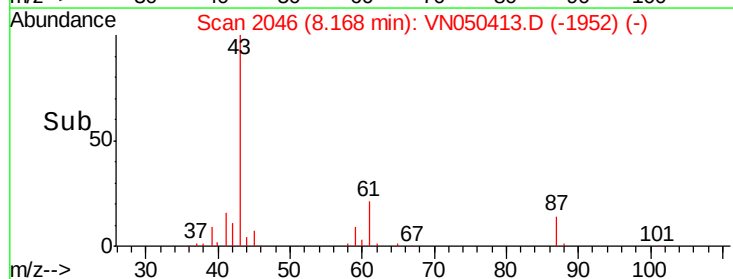
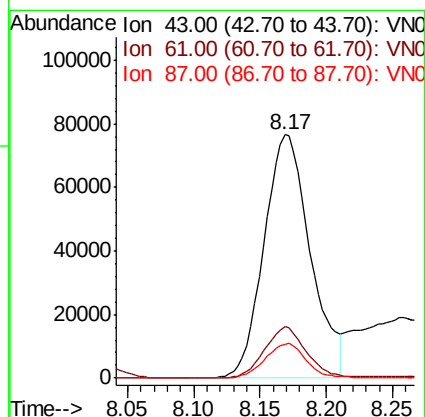
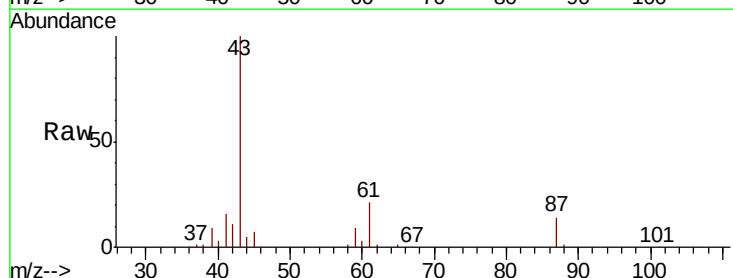
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-3

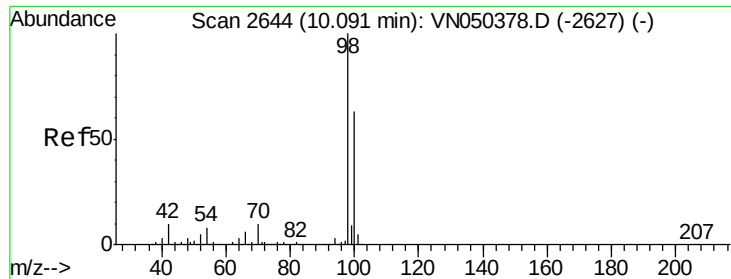
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.7	121.1
192	22.4	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 13.17 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050413.D
 Acq: 7 Aug 2018 4:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.8	23.6
87	12.6	10.3	15.5

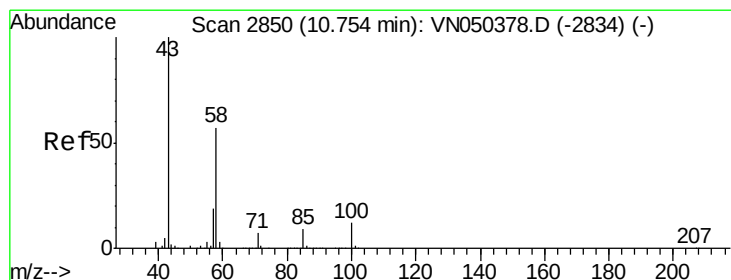
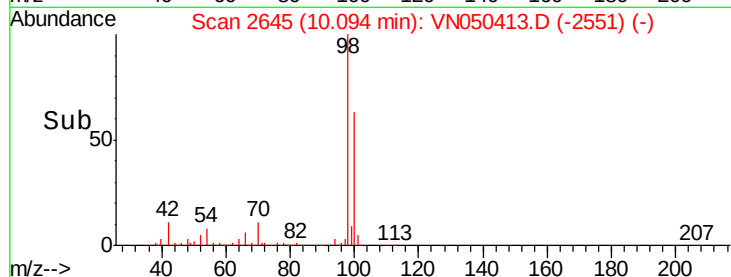
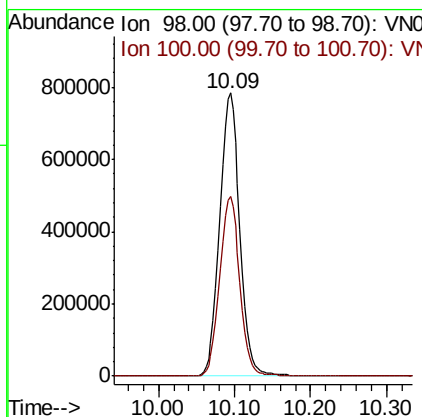
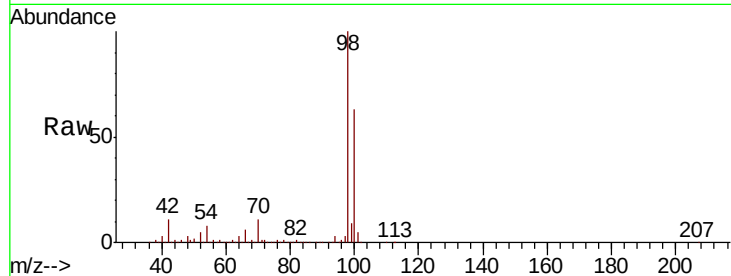




#50
Toluene-d8
Concen: 45.89 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050413.D
Acq: 7 Aug 2018 4:17

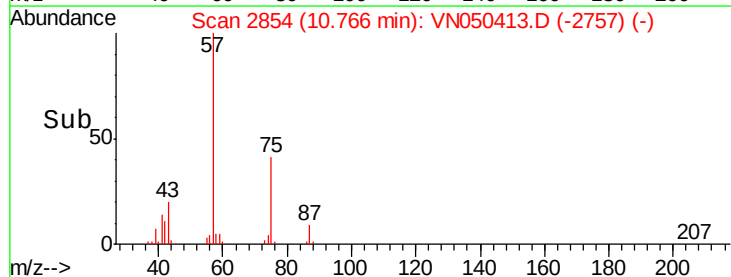
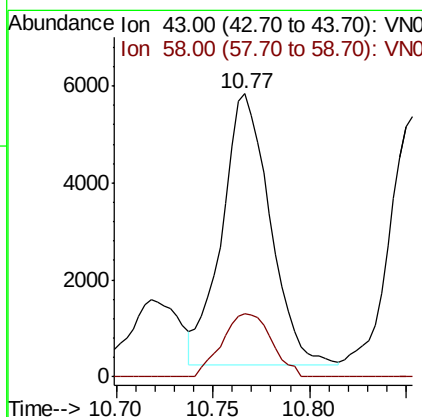
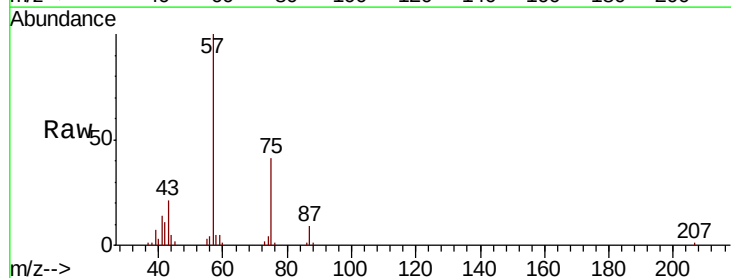
Instrument :
MSVOA_N
ClientSampled :
SOIL-3

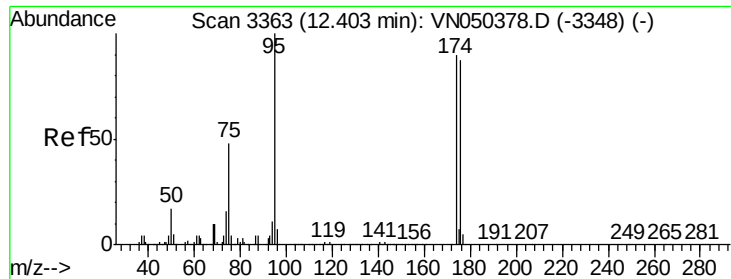
Tot Ion: 98 Resp: 1439450
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#59
2-Hexanone
Concen: 1.35 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050413.D
Acq: 7 Aug 2018 4:17

Tgt Ion: 43 Resp: 9633
Ion Ratio Lower Upper
43 100
58 24.0 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 36.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050413.D

Acq: 7 Aug 2018 4:17

Instrument :

MSVOA_N

ClientSampled :

SOIL-3

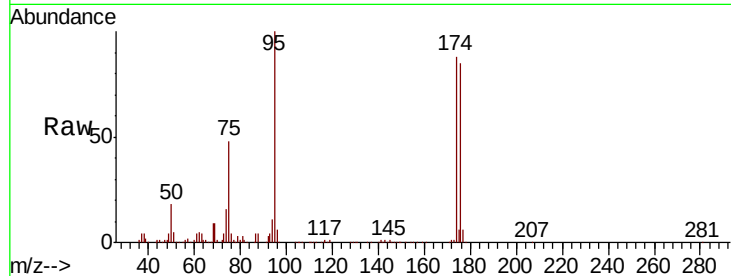
Tot Ion: 95 Resp: 390807

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

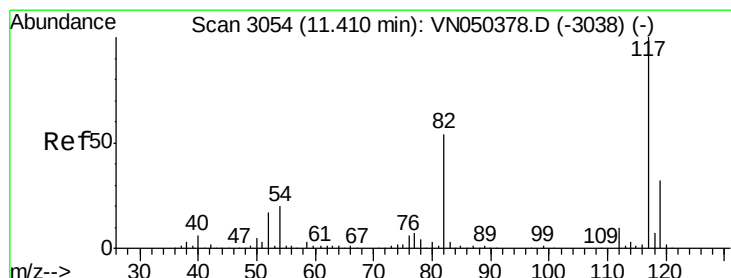
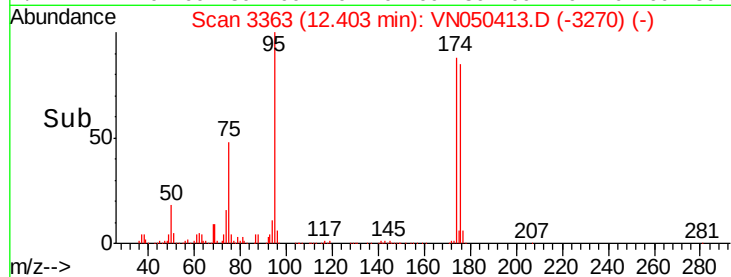
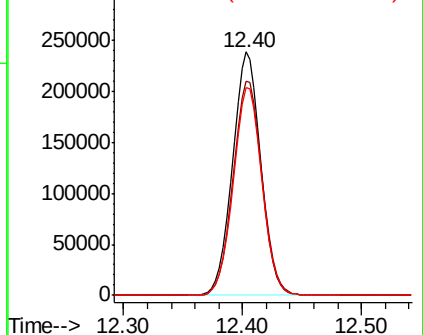
176 86.9 0.0 173.4



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# 3054

Delta R.T. -0.00 min

Lab File: VN050413.D

Acq: 7 Aug 2018 4:17

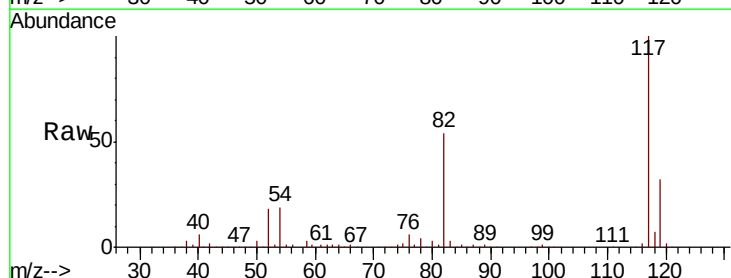
Tgt Ion: 117 Resp: 883864

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

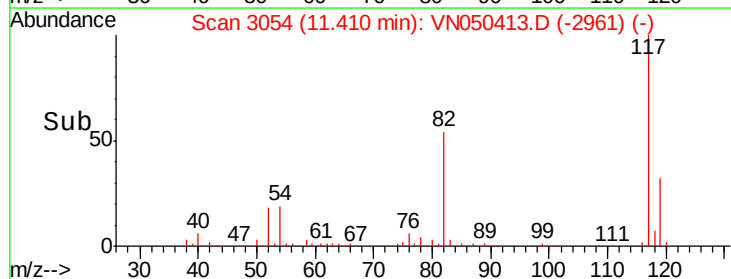
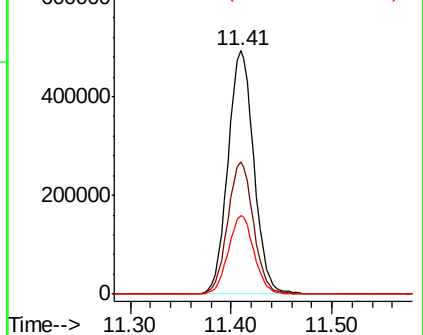
119 32.4 26.1 39.1

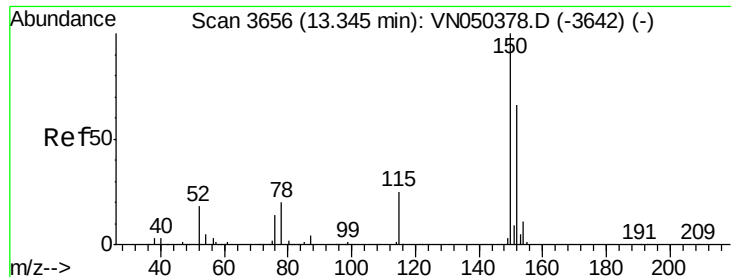


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050413.D

Acq: 7 Aug 2018 4:17

Instrument :

MSVOA_N

ClientSampleId :

SOIL-3

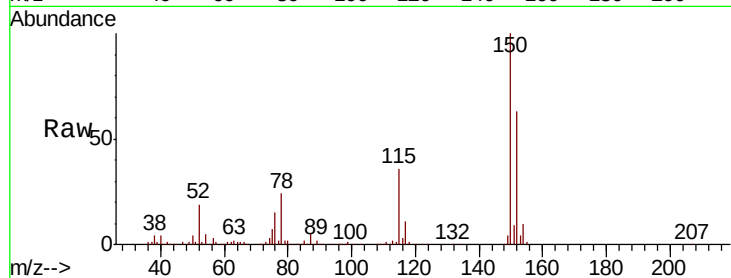
Tot Ion:152 Resp: 323833

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

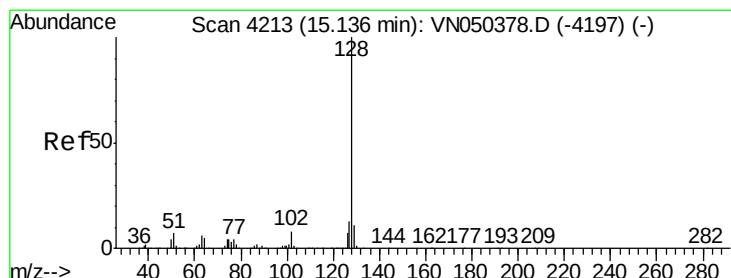
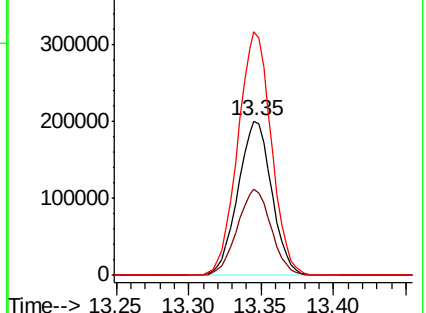
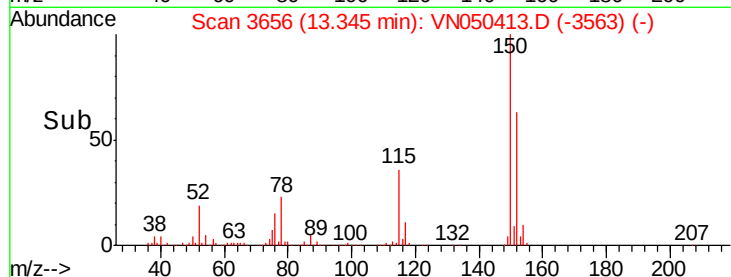
150 156.6 0.0 348.6



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: 4.24 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050413.D

Acq: 7 Aug 2018 4:17

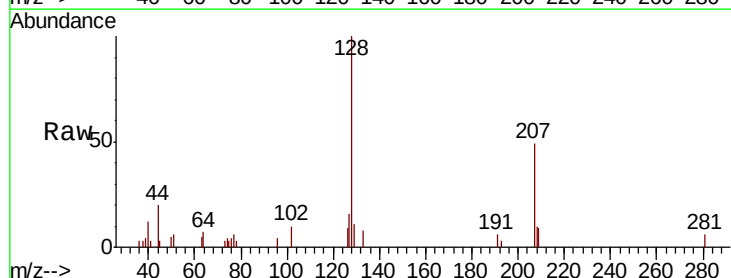
Tgt Ion:128 Resp: 10415

Ion Ratio Lower Upper

128 100

127 15.2 10.4 15.6

129 10.4 8.8 13.2



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

