

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053727.D
 Acq On : 12 Feb 2019 13:46
 Operator : JC/SP
 Sample : K1457-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-03

Quant Time: Feb 13 05:06:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	773157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1280987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1189809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	529583	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	410028	52.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.72%	
35) Dibromofluoromethane	7.59	113	400179	49.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.88%	
50) Toluene-d8	10.09	98	1553457	51.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	538383	53.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.22%	

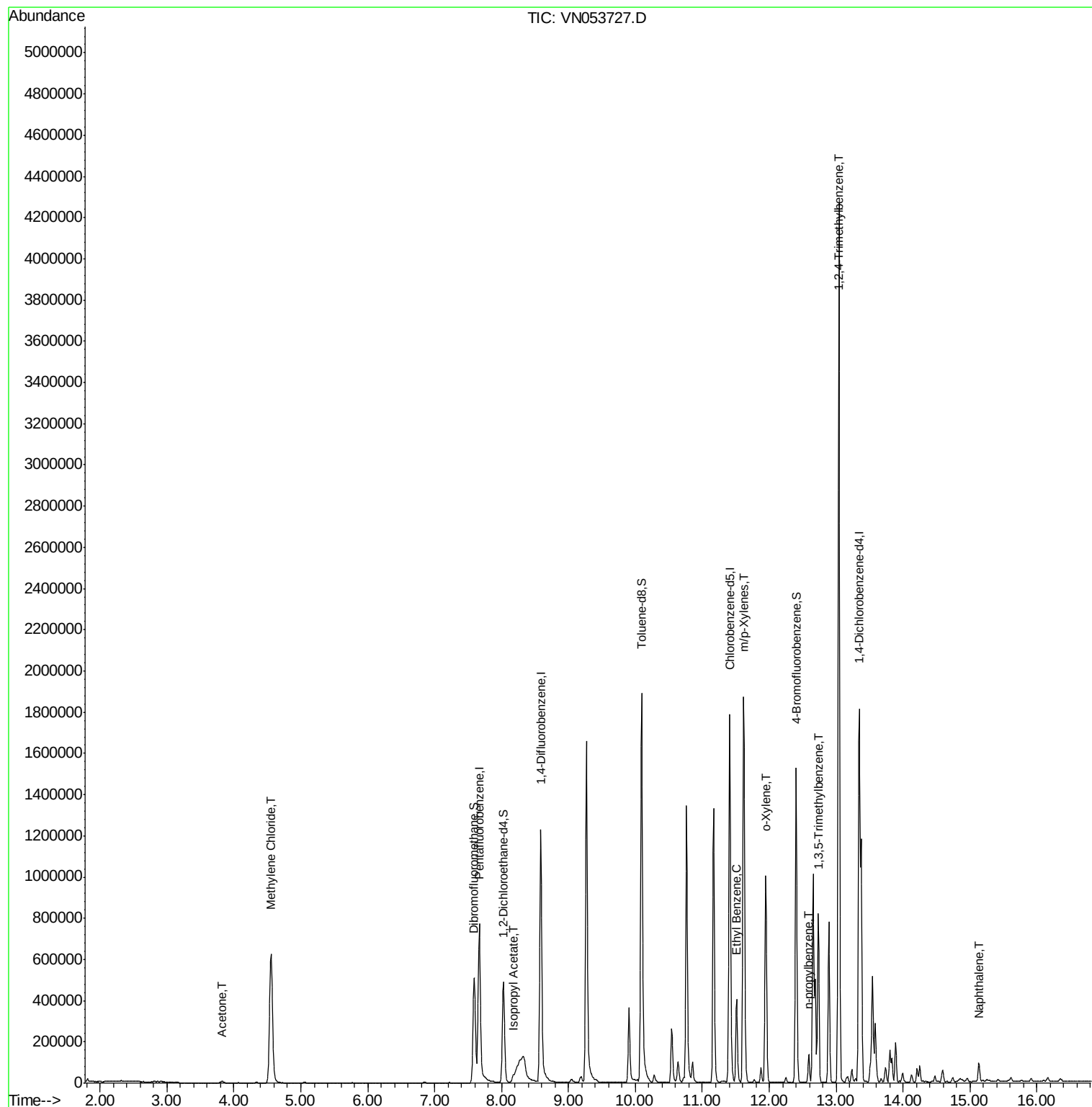
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	14569	7.323	ug/l	91
20) Methylene Chloride	4.55	84	509453	61.036	ug/l	98
43) Isopropyl Acetate	8.17	43	39012	3.132	ug/l #	79
67) Ethyl Benzene	11.51	91	320743	7.726	ug/l	99
68) m/p-Xylenes	11.62	106	647906	40.890	ug/l	100
69) o-Xylene	11.95	106	300709	19.644	ug/l	100
78) n-propylbenzene	12.59	91	112932	2.624	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	468725	15.183	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2486554	79.057	ug/l	100
95) Naphthalene	15.13	128	83654	5.207	ug/l	99

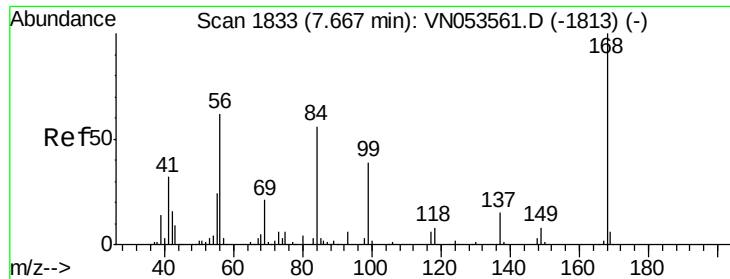
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053727.D

Acq: 12 Feb 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

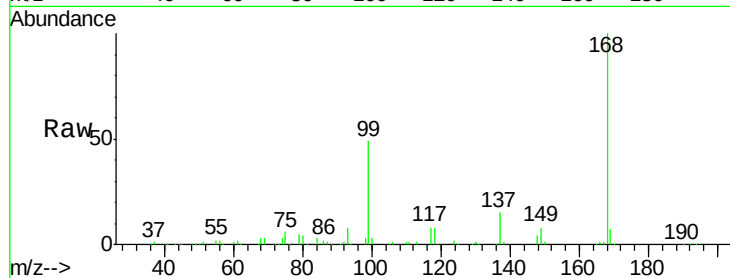
IDW-SOIL-03

Tot Ion:168 Resp: 773157

Ion Ratio Lower Upper

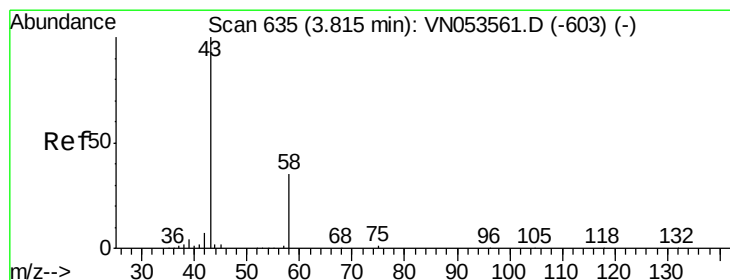
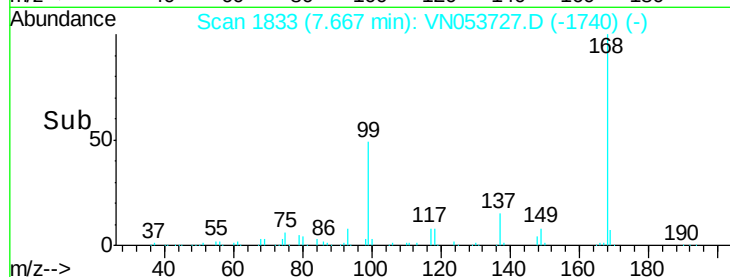
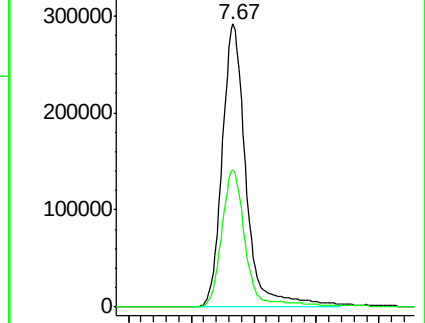
168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.323 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053727.D

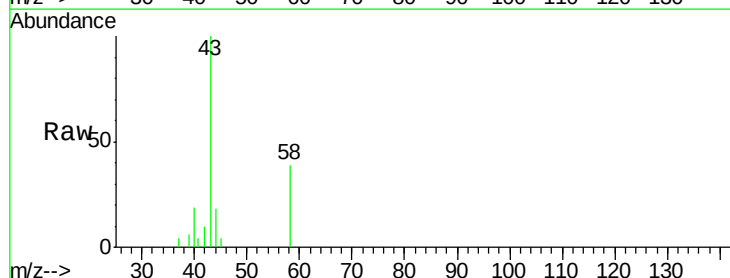
Acq: 12 Feb 2019 13:46

Tgt Ion: 43 Resp: 14569

Ion Ratio Lower Upper

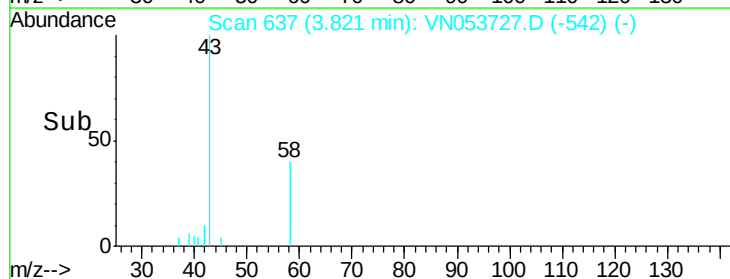
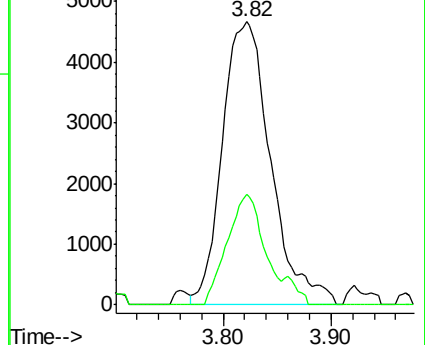
43 100

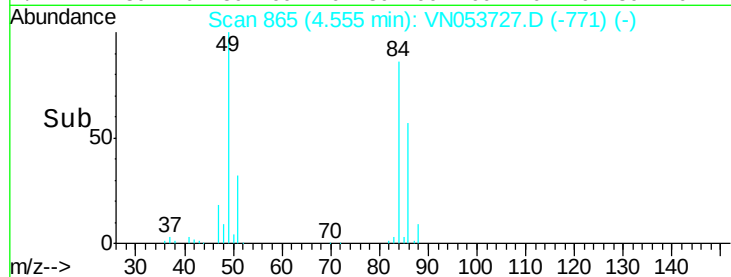
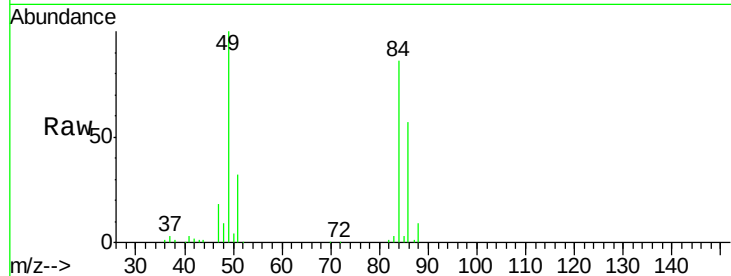
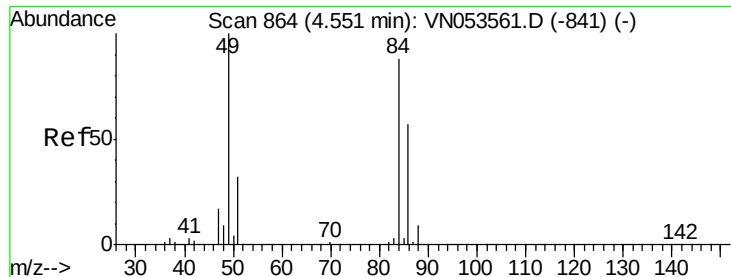
58 39.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

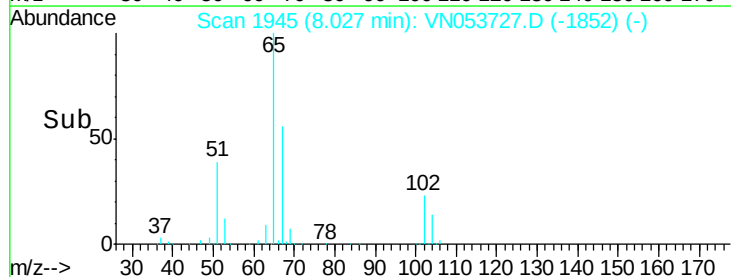
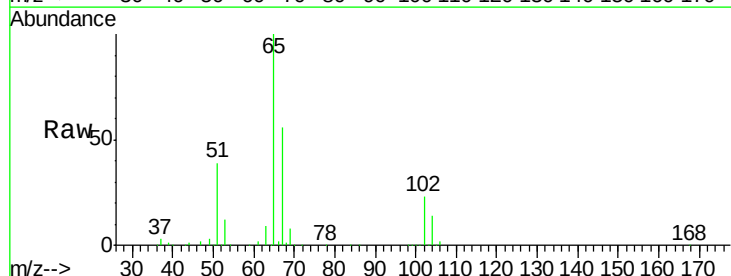
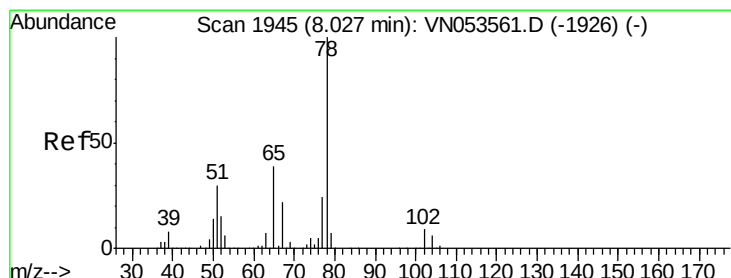
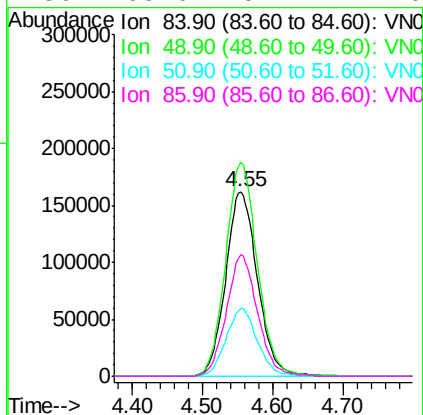




#20
Methylene Chloride
Concen: 61.036 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053727.D
Acq: 12 Feb 2019 13:46

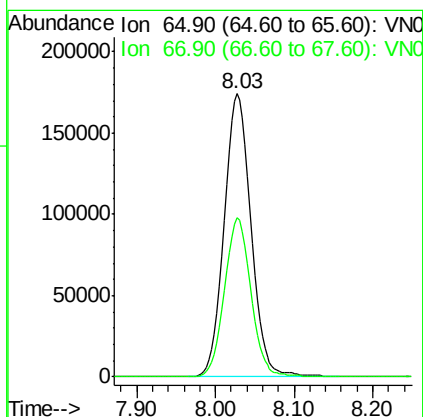
Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-03

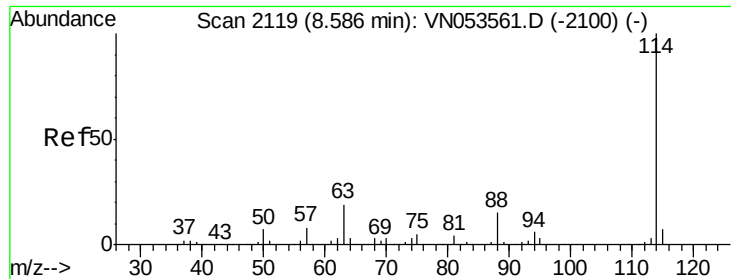
Tot Ion:	84	Resp:	509453
Ion	Ratio	Lower	Upper
84	100		
49	115.8	94.3	141.5
51	36.8	29.4	44.2
86	65.6	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.864 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053727.D
Acq: 12 Feb 2019 13:46

Tgt Ion:	65	Resp:	410028
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.2

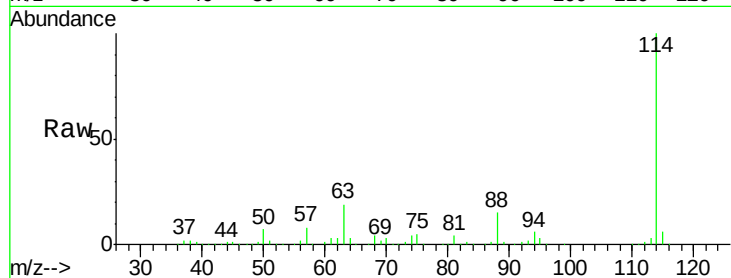




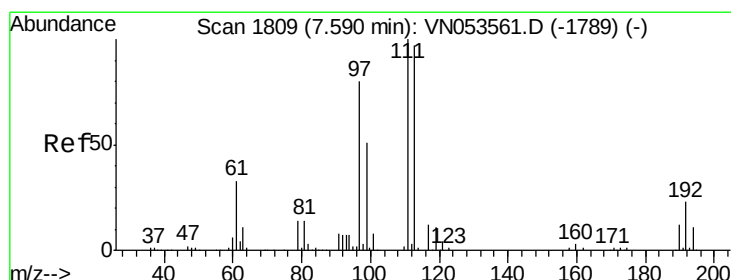
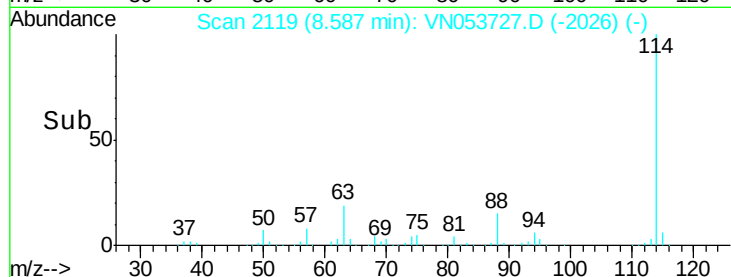
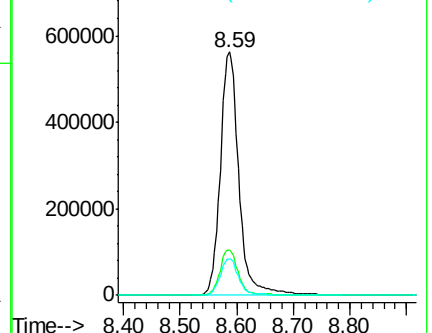
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053727.D
 Acq: 12 Feb 2019 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-03

Tot Ion:114 Resp: 1280987
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.1 0.0 30.4

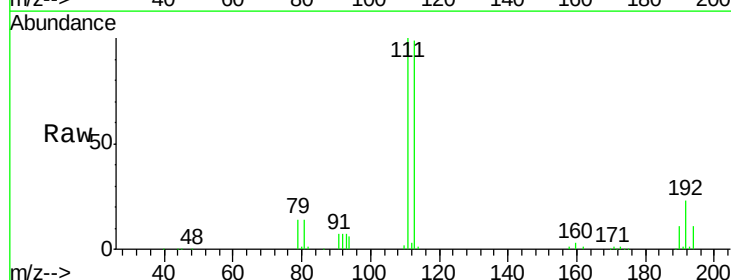


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

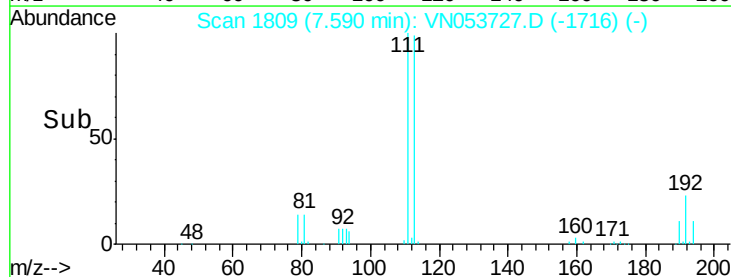
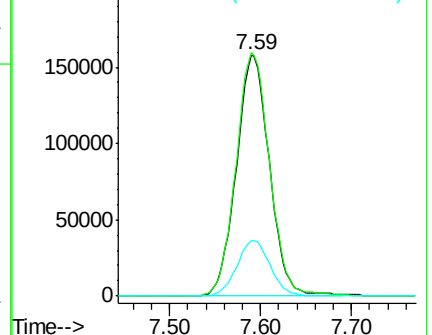


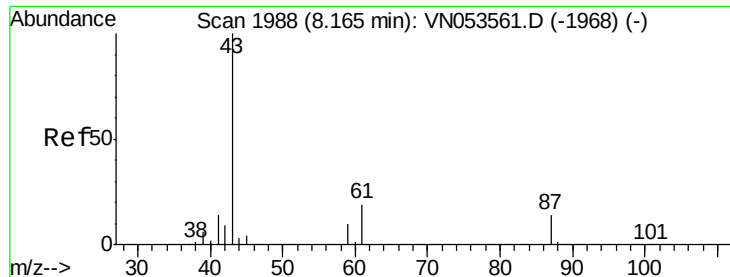
#35
 Dibromofluoromethane
 Concen: 49.440 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053727.D
 Acq: 12 Feb 2019 13:46

Tgt Ion:113 Resp: 400179
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 23.4 18.2 27.2



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: 3.132 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053727.D

Acq: 12 Feb 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-03

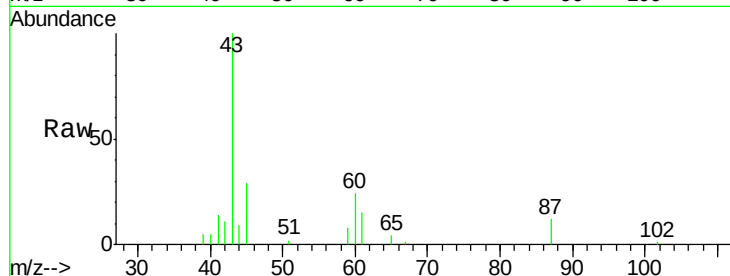
Tot Ion: 43 Resp: 39012

Ion Ratio Lower Upper

43 100

61 15.9 23.9 35.9#

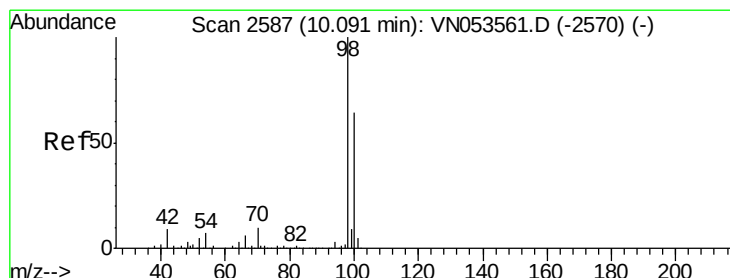
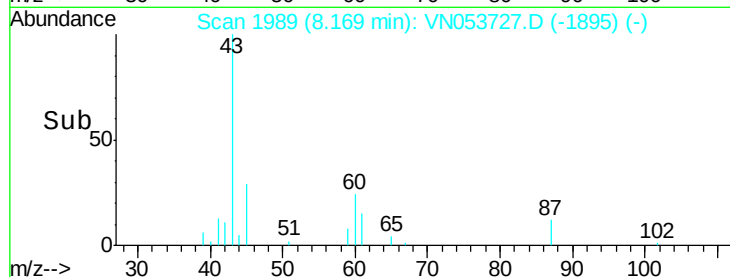
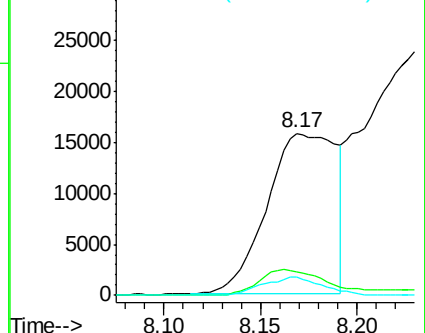
87 9.9 11.0 16.6#



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: 51.114 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053727.D

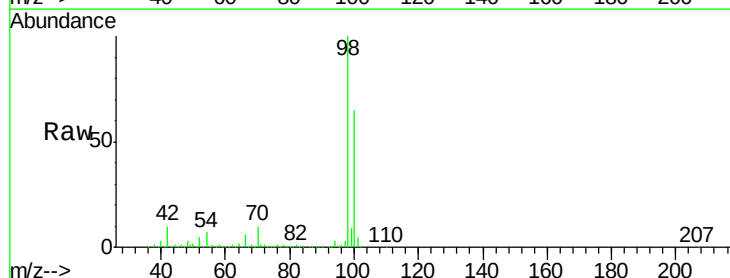
Acq: 12 Feb 2019 13:46

Tgt Ion: 98 Resp: 1553457

Ion Ratio Lower Upper

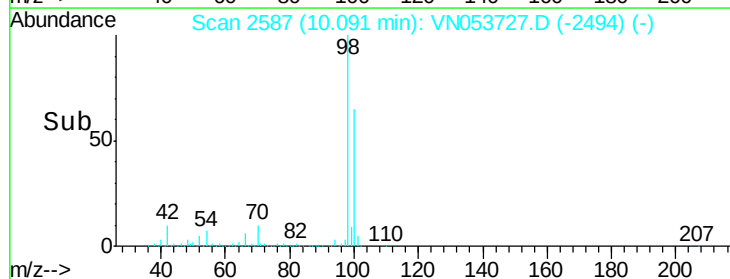
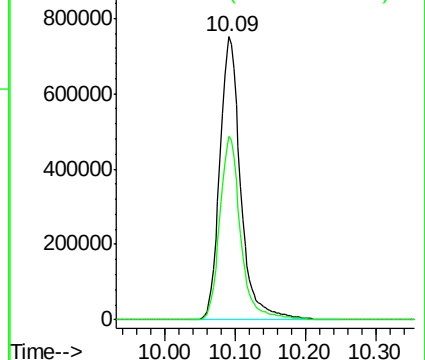
98 100

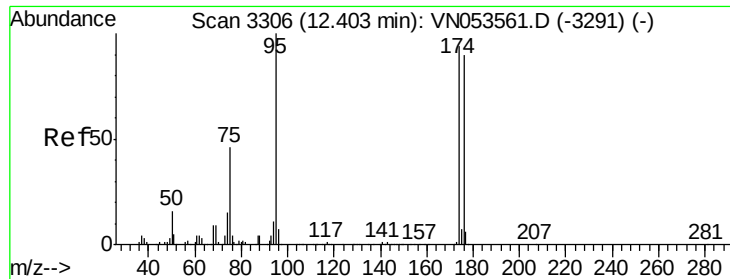
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.115 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053727.D

Acq: 12 Feb 2019 13:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-03

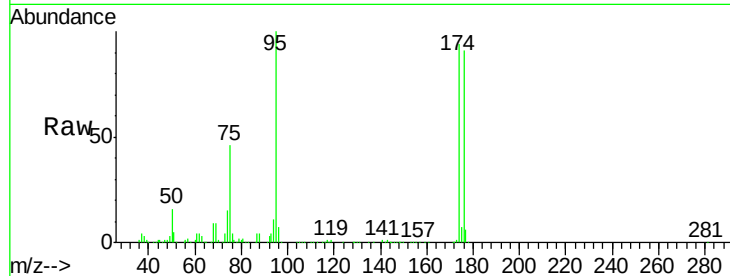
Tot Ion: 95 Resp: 538383

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.2

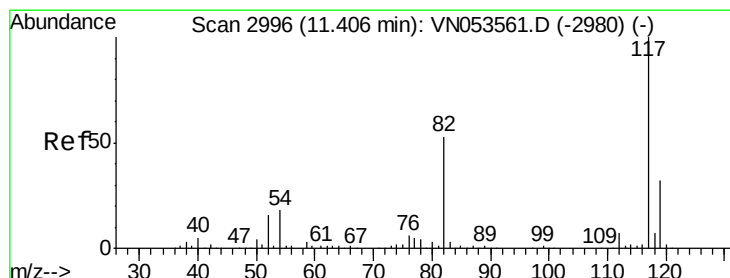
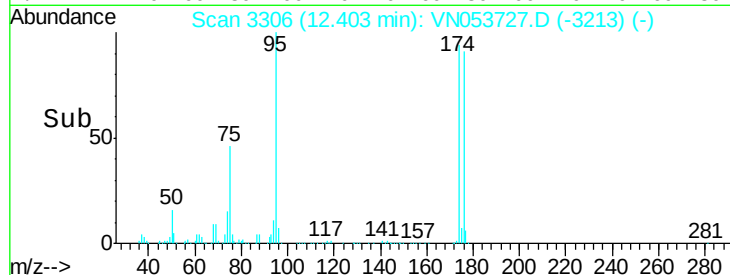
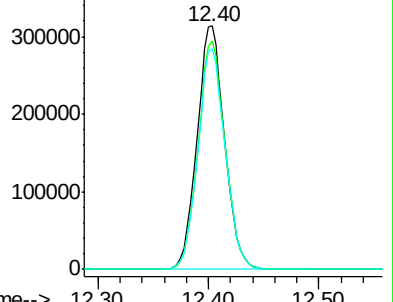
176 90.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053727.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053727.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053727.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053727.D

Acq: 12 Feb 2019 13:46

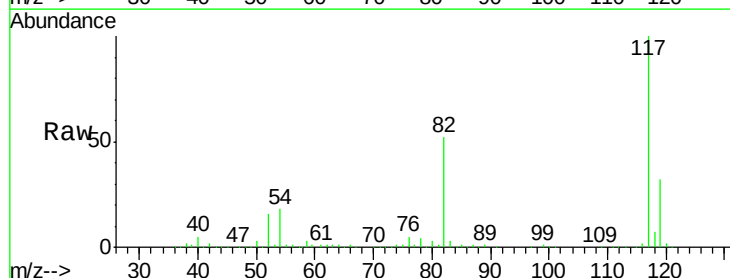
Tgt Ion: 117 Resp: 1189809

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

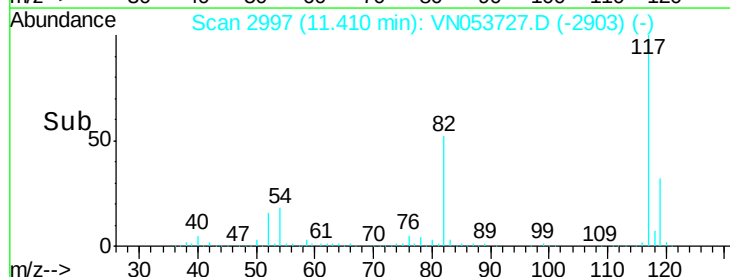
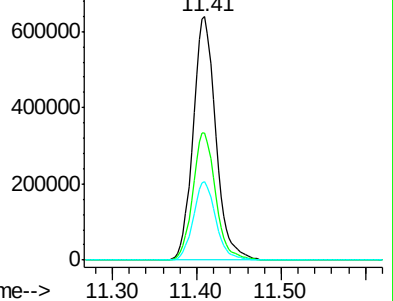
119 32.2 26.0 39.0

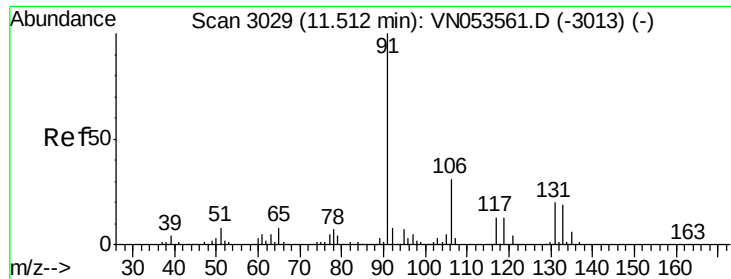


Abundance Ion 116.90 (116.60 to 117.60): VN053727.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053727.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053727.D (-2903) (-)





#67

Ethyl Benzene

Concen: 7.726 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053727.D

Acq: 12 Feb 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

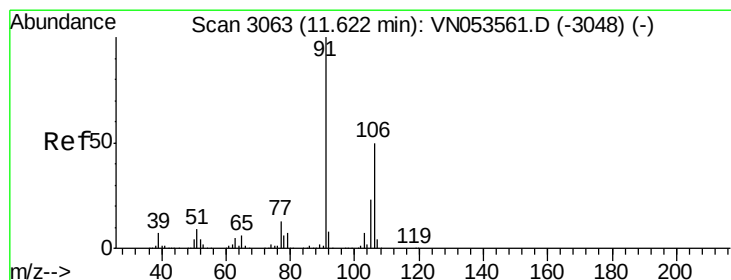
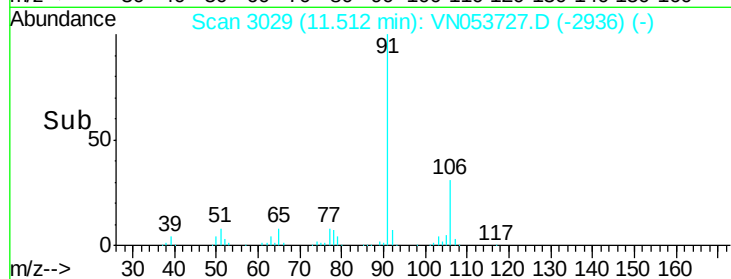
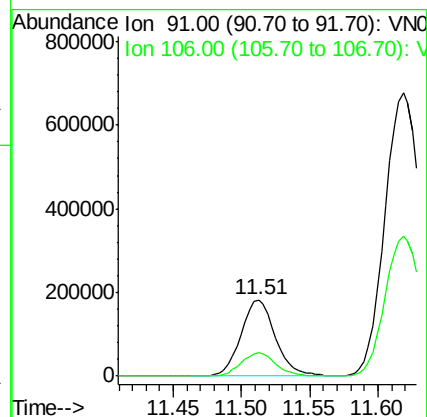
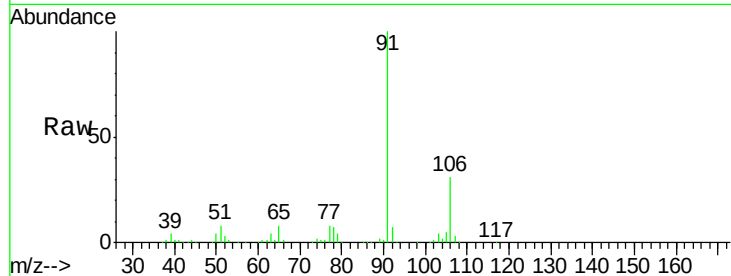
IDW-SOIL-03

Tot Ion: 91 Resp: 320743

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6



#68

m/p-Xylenes

Concen: 40.890 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053727.D

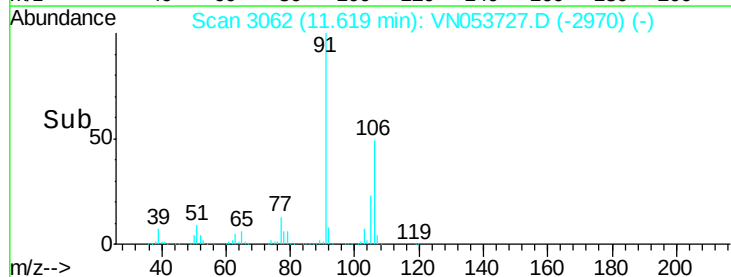
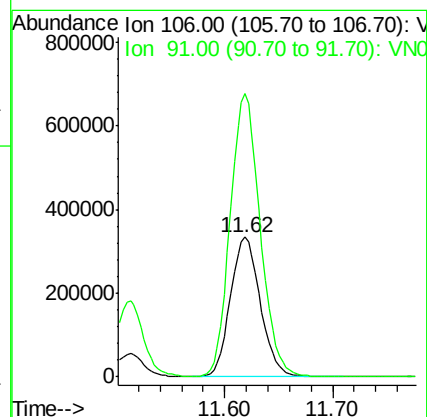
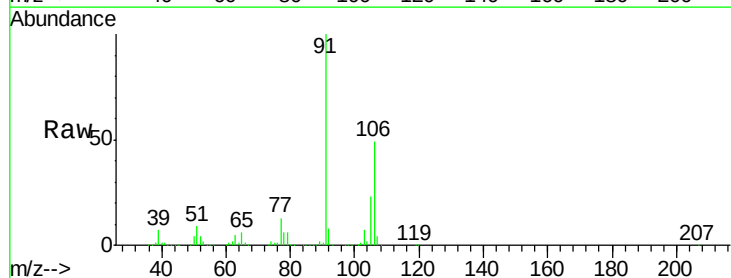
Acq: 12 Feb 2019 13:46

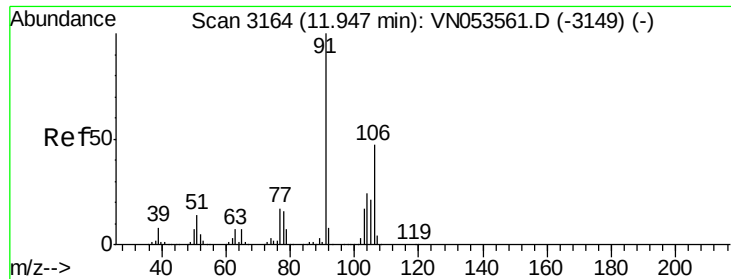
Tgt Ion: 106 Resp: 647906

Ion Ratio Lower Upper

106 100

91 202.0 161.4 242.2

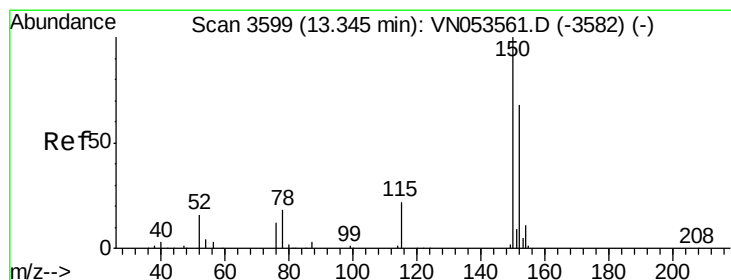
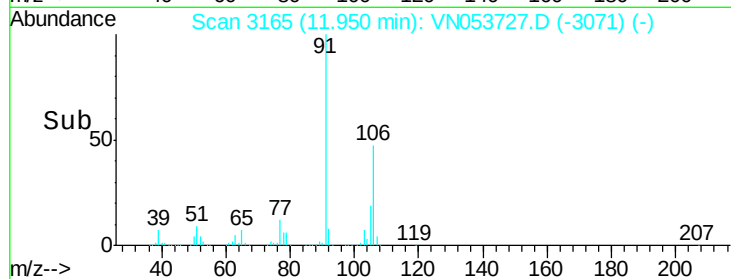
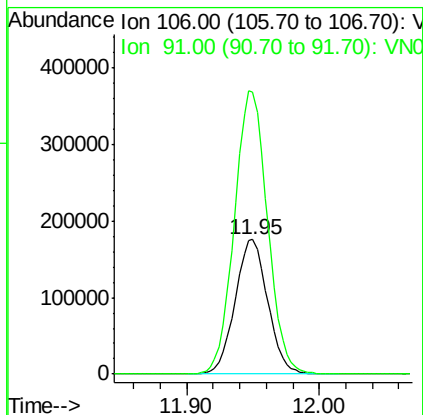
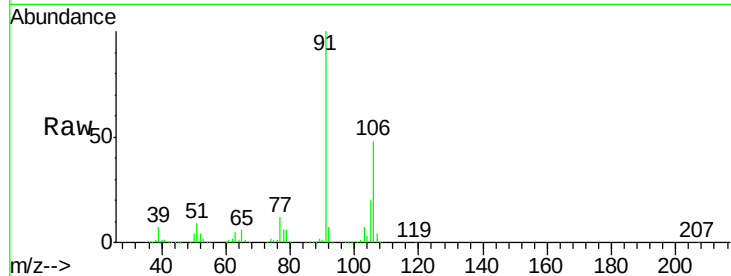




#69
o-Xylene
Concen: 19.644 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053727.D
Acq: 12 Feb 2019 13:46

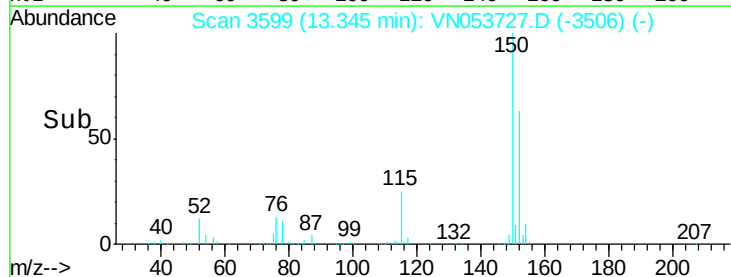
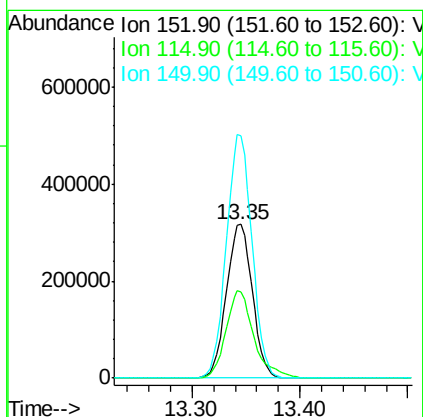
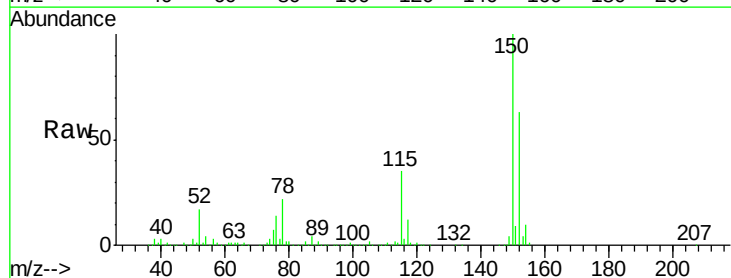
Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-03

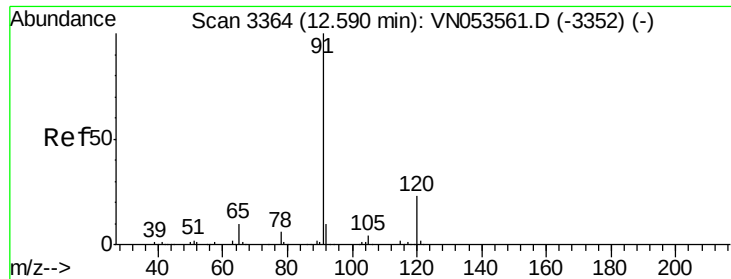
Tot Ion:106 Resp: 300709
Ion Ratio Lower Upper
106 100
91 213.5 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053727.D
Acq: 12 Feb 2019 13:46

Tgt Ion:152 Resp: 529583
Ion Ratio Lower Upper
152 100
115 60.7 27.8 83.4
150 156.9 0.0 349.0





#78

n-propylbenzene

Concen: 2.624 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053727.D

Acq: 12 Feb 2019 13:46

Instrument :

MSVOA_N

ClientSampled :

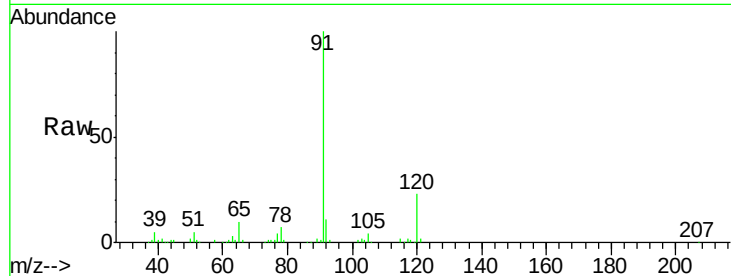
IDW-SOIL-03

Tot Ion: 91 Resp: 112932

Ion Ratio Lower Upper

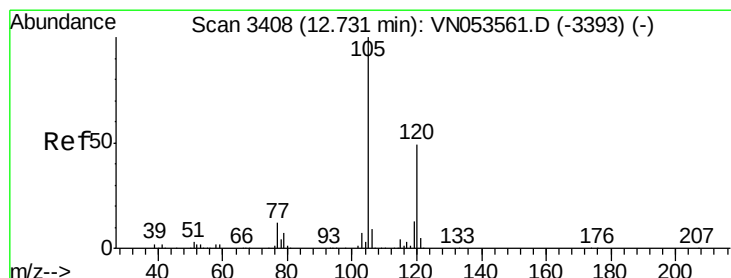
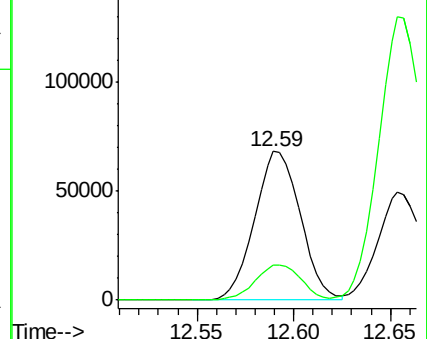
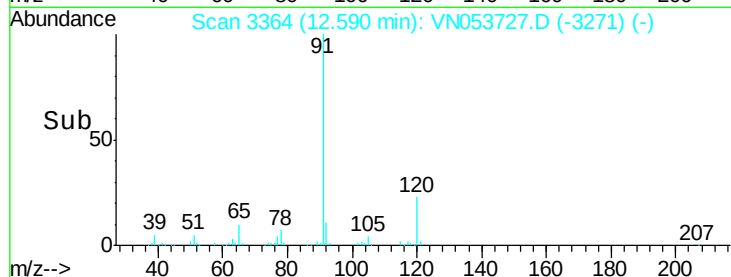
91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN053727.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN053727.D (-3271) (-)



#80

1,3,5-Trimethylbenzene

Concen: 15.183 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053727.D

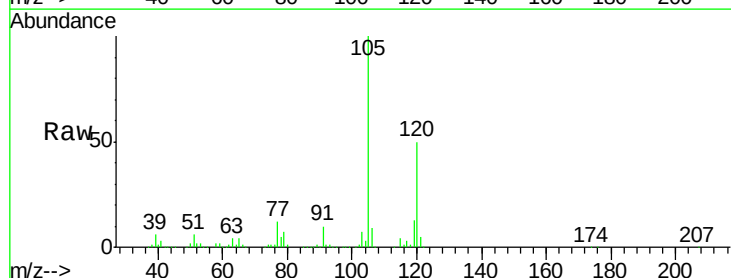
Acq: 12 Feb 2019 13:46

Tgt Ion: 105 Resp: 468725

Ion Ratio Lower Upper

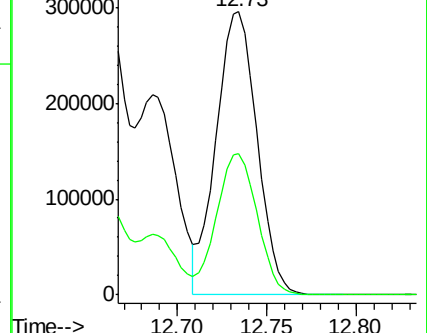
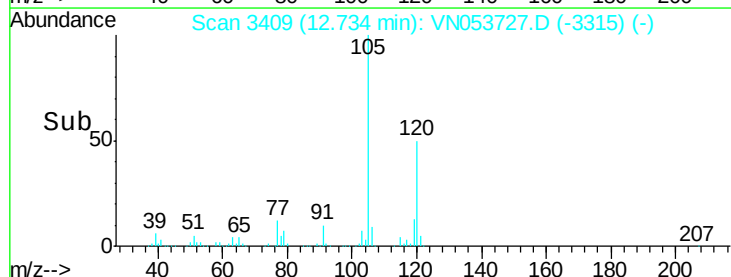
105 100

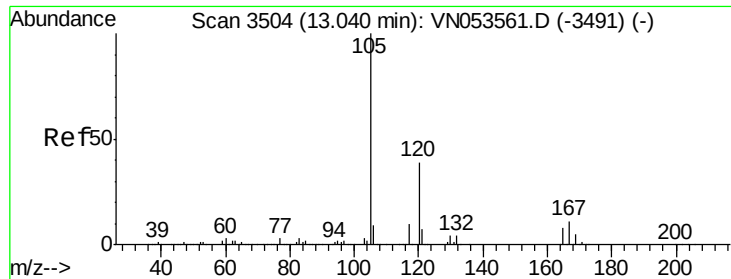
120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053727.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053727.D (-3315) (-)

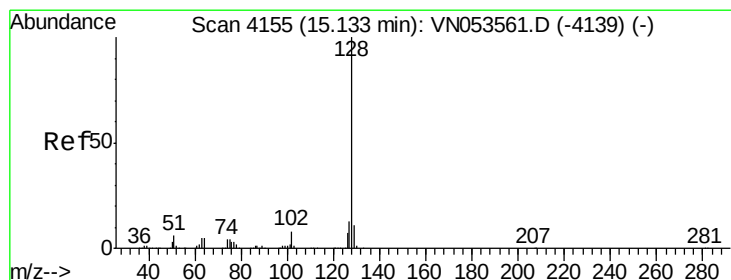
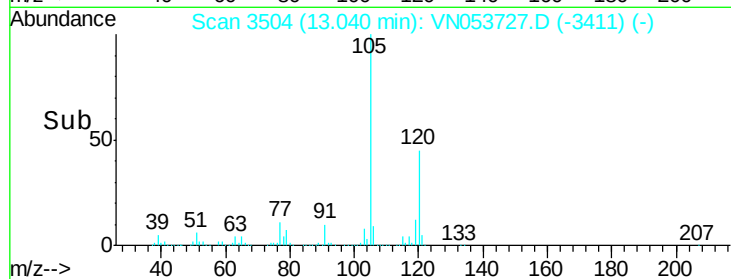
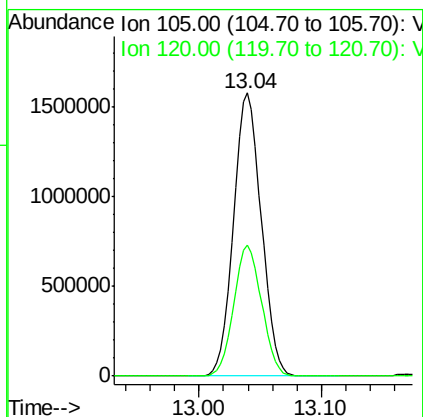
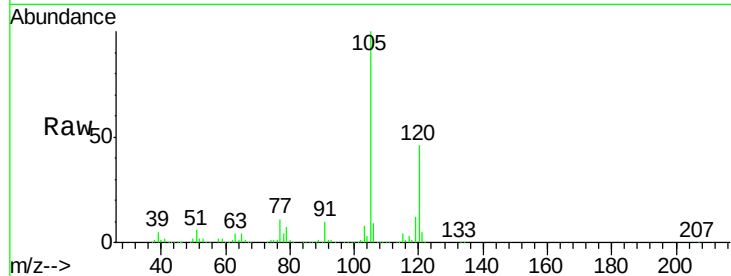




#84
 1,2,4-Trimethylbenzene
 Concen: 79.057 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053727.D
 Acq: 12 Feb 2019 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-03

Tot Ion:105 Resp: 2486554
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0



#95
 Naphthalene
 Concen: 5.207 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053727.D
 Acq: 12 Feb 2019 13:46

Tgt Ion:128 Resp: 83654
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.3 15.5
 129 10.8 8.6 13.0

