

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053726.D
 Acq On : 12 Feb 2019 13:19
 Operator : JC/SP
 Sample : K1457-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-02

Quant Time: Feb 13 04:13:50 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	740443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1226061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1117835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	478253	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	393530	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	7.59	113	387470	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	1489001	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	495746	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.80	56	2839	11.861	ug/l #	65
14) Allyl chloride	4.55	41	196107	17.963	ug/l #	29
15) Acrylonitrile	5.05	53	1487	0.627	ug/l #	36
16) Acetone	3.82	43	23308	12.233	ug/l #	86
18) Methyl Acetate	4.60	43	131879	23.372	ug/l #	51
20) Methylene Chloride	4.55	84	4090858	511.768	ug/l	98
25) 2-Butanone	6.85	43	5784	2.129	ug/l	91
29) Tetrahydrofuran	7.22	42	1505	0.863	ug/l #	62
31) Cyclohexane	7.66	56	31212	2.323	ug/l #	46
36) 1,1-Dichloropropene	7.67	75	44021	3.983	ug/l #	49
38) Carbon Tetrachloride	7.67	117	58788	5.280	ug/l #	16
39) Methylcyclohexane	9.08	83	62521	4.768	ug/l	95
41) Methacrylonitrile	7.22	41	1599	0.463	ug/l #	28
43) Isopropyl Acetate	8.17	43	39362	3.302	ug/l #	78
48) Methyl methacrylate	9.18	41	8898	1.564	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	8936	1.525	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	74025	5.710	ug/l #	60
55) 1,1,2-Trichloroethane	10.53	97	9774	1.341	ug/l #	19
57) 1,3-Dichloropropane	10.76	76	14614	1.173	ug/l #	43
59) 2-Hexanone	10.76	43	189910	47.755	ug/l #	50
67) Ethyl Benzene	11.51	91	7937	0.203	ug/l	99
68) m/p-Xylenes	11.62	106	8088	0.543	ug/l	99
73) Isopropylbenzene	12.25	105	15041	0.447	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	230005	37.443	ug/l #	100
78) n-propylbenzene	12.59	91	71047	1.828	ug/l	99
79) 2-Chlorotoluene	12.66	91	17215	0.747	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	97905	3.512	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	230005	105.286	ug/l #	15
82) 4-Chlorotoluene	12.73	91	8608	0.364	ug/l #	39
83) tert-Butylbenzene	13.04	119	26321	1.068	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	206557	7.272	ug/l	99
85) sec-Butylbenzene	13.17	105	17055	0.509	ug/l #	55
86) p-Isopropyltoluene	13.29	119	9875	0.337	ug/l	99
89) n-Butylbenzene	13.58	91	16478	0.649	ug/l #	1

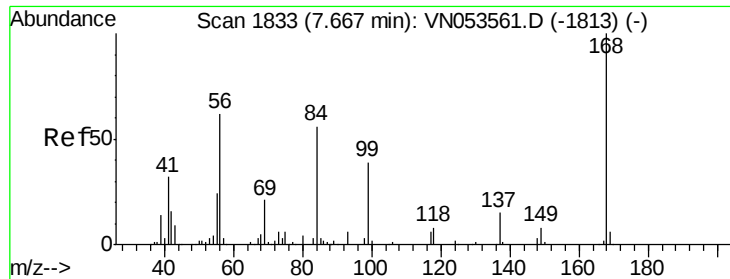
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053726.D
Acq On : 12 Feb 2019 13:19
Operator : JC/SP
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MSVOA_N
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Quant Time: Feb 13 04:13:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
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)
90) Hexachloroethane	13.89	117	10175	2.103	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.25	75	770	0.671	ug/l #	1
95) Naphthalene	15.13	128	22568	2.773	ug/l #	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

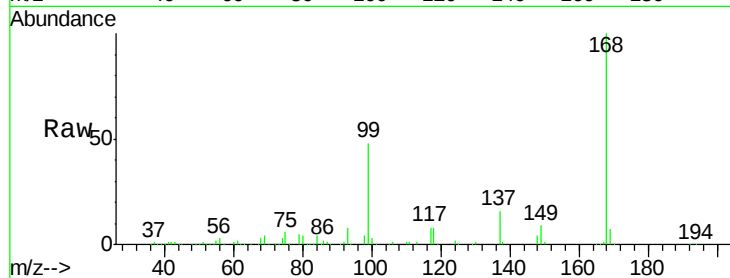
IDW-SOIL-02

Tot Ion:168 Resp: 740443

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053726.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053726.D (-1740) (-)

7.67

300000

250000

200000

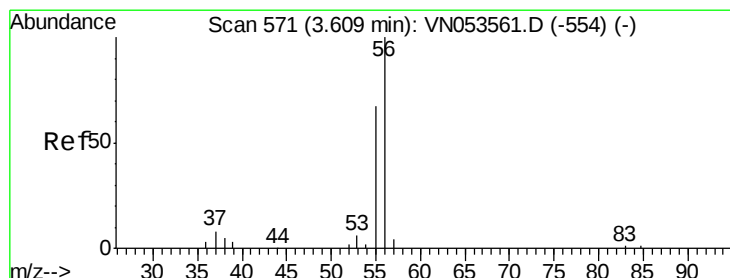
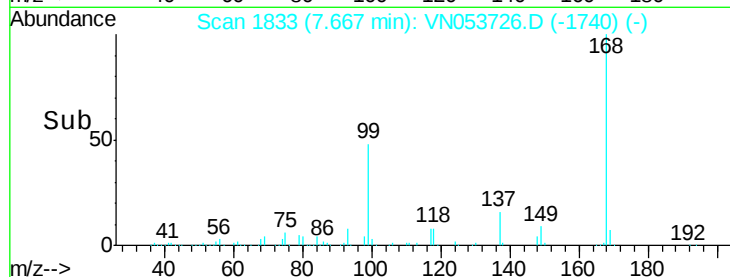
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 11.861 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.19 min

Lab File: VN053726.D

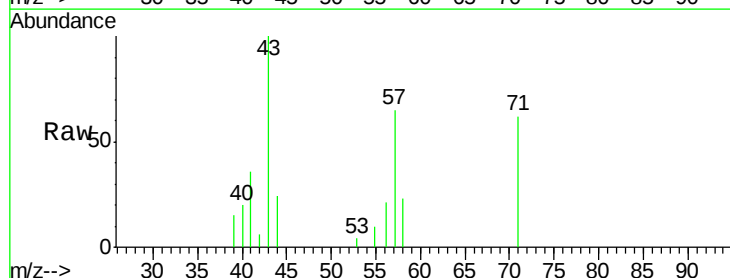
Acq: 12 Feb 2019 13:19

Tgt Ion: 56 Resp: 2839

Ion Ratio Lower Upper

56 100

55 42.8 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053726.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN053726.D (-478) (-)

3.80

1000

800

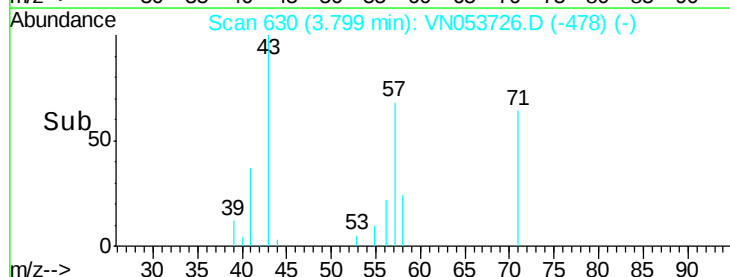
600

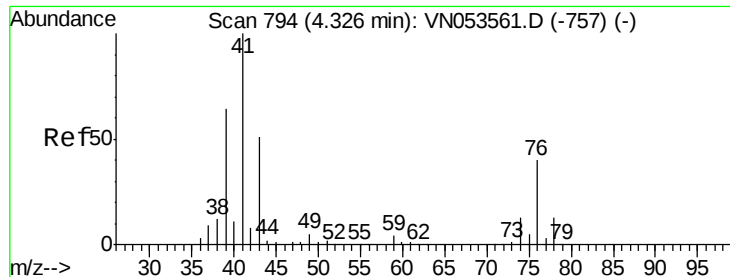
400

200

0

Time-->





#14

Allvl chloride

Concen: 17.963 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-02

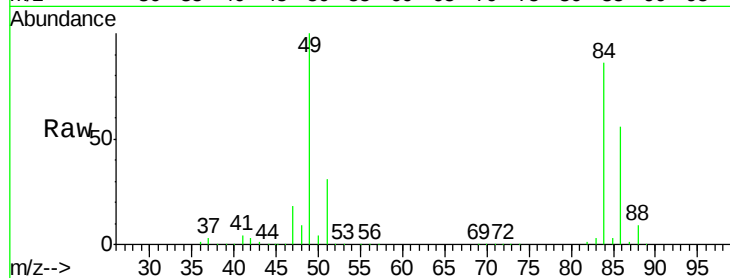
Tot Ion: 41 Resp: 196107

Ion Ratio Lower Upper

41 100

39 3.1 48.9 73.3#

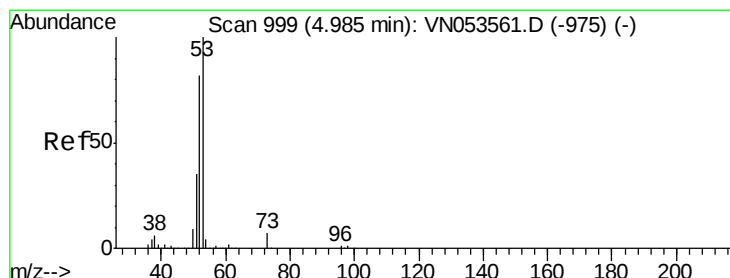
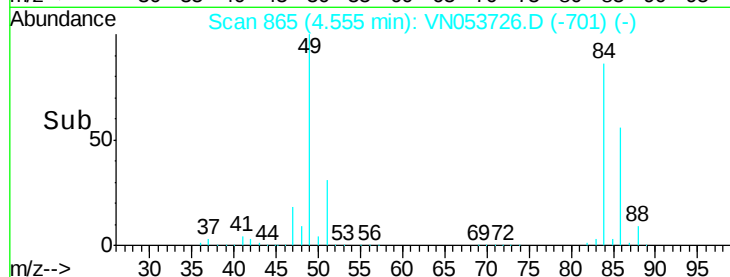
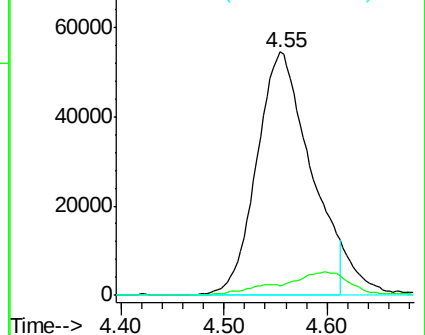
76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#15

Acrylonitrile

Concen: 0.627 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.07 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

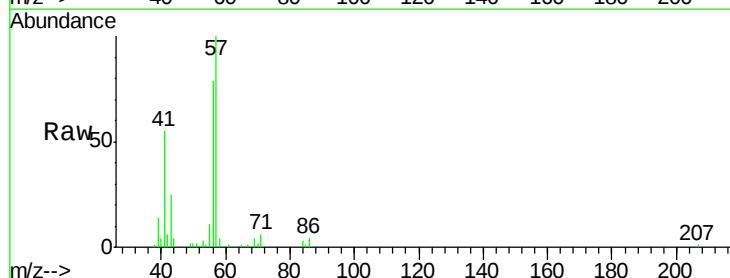
Tgt Ion: 53 Resp: 1487

Ion Ratio Lower Upper

53 100

52 8.9 66.0 99.0#

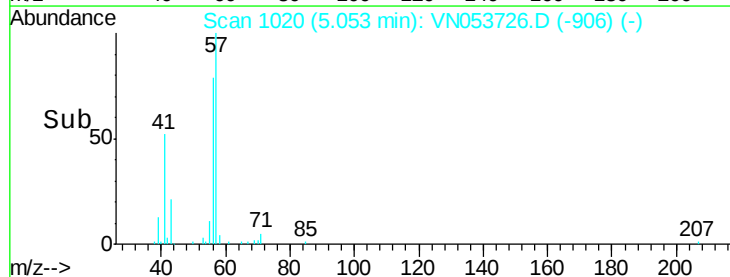
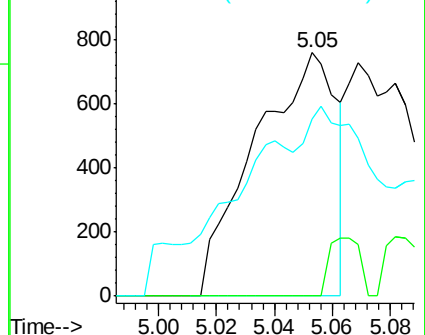
51 21.7 28.3 42.5#

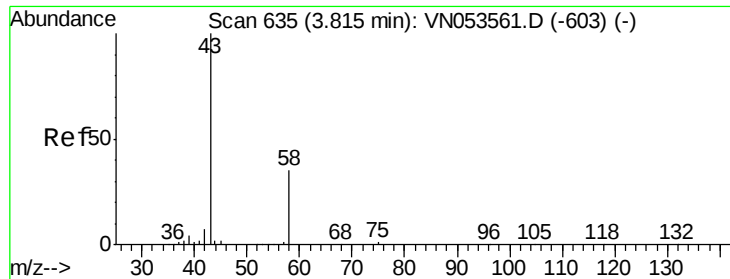


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 12.233 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

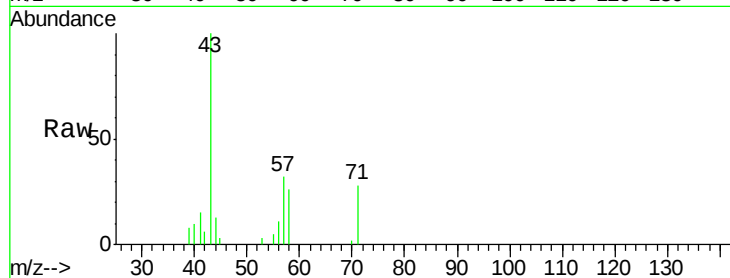
IDW-SOIL-02

Tot Ion: 43 Resp: 23308

Ion Ratio Lower Upper

43 100

58 25.7 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN053726.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053726.D (-542) (-)

3.82

8000

6000

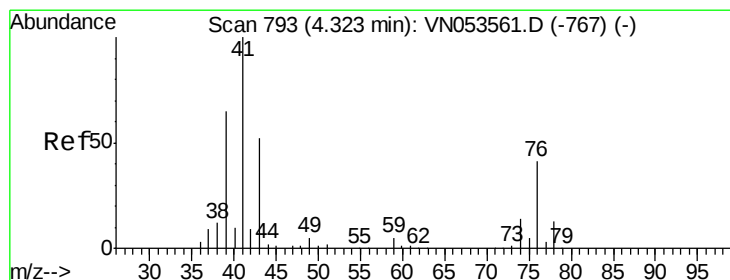
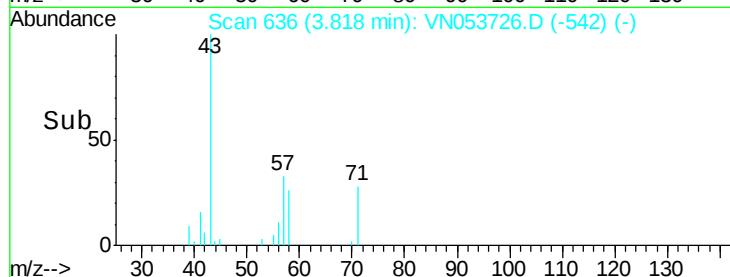
4000

2000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 23.372 ug/l

RT: 4.60 min Scan# 878

Delta R.T. 0.27 min

Lab File: VN053726.D

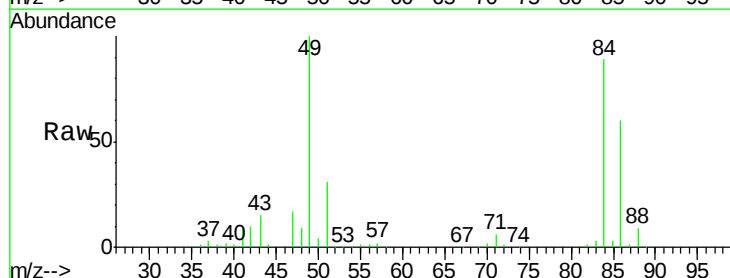
Acq: 12 Feb 2019 13:19

Tgt Ion: 43 Resp: 131879

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053726.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN053726.D (-700) (-)

4.60

40000

30000

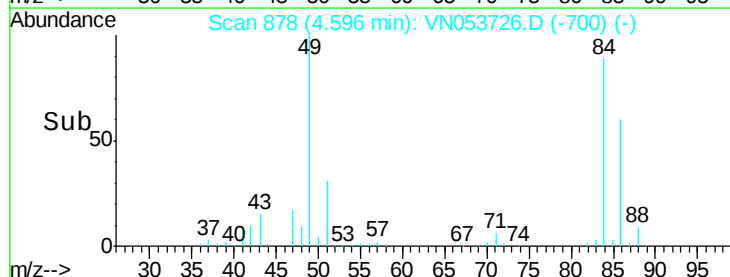
20000

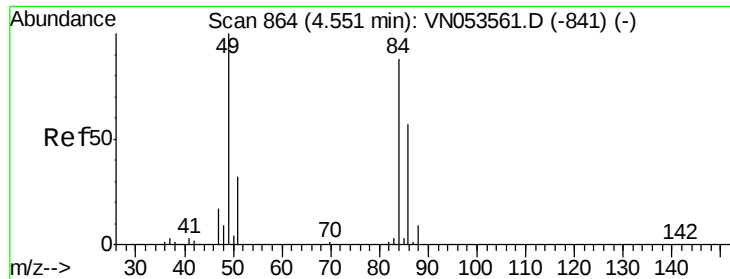
10000

0

4.40 4.50 4.60

Time-->



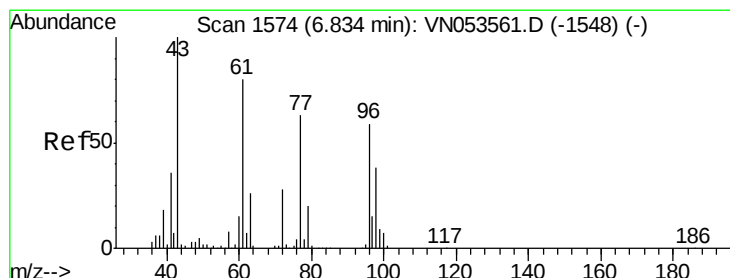
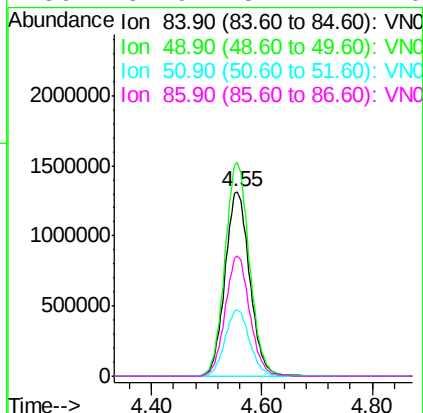
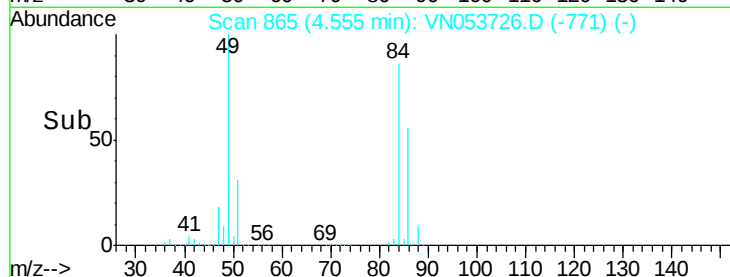
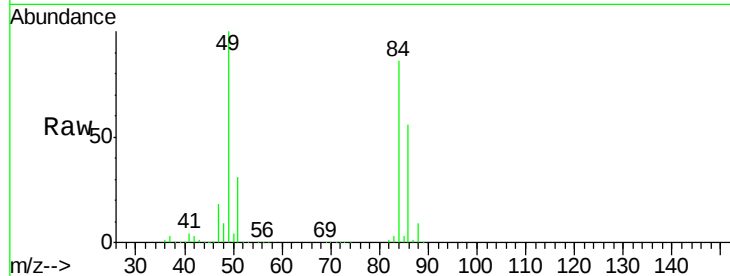


#20
Methvlene Chloride
Concen: 511.768 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-02

Tot Ion: 84 Resp: 4090858

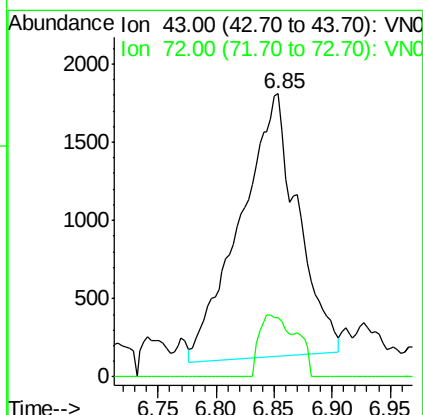
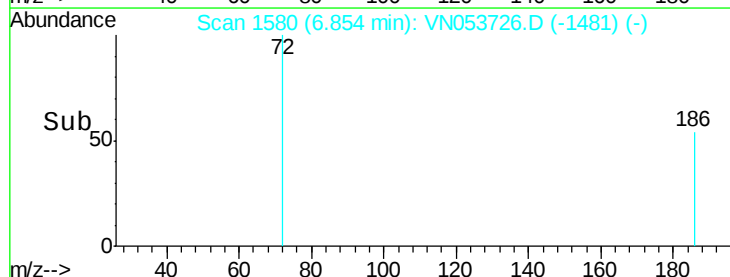
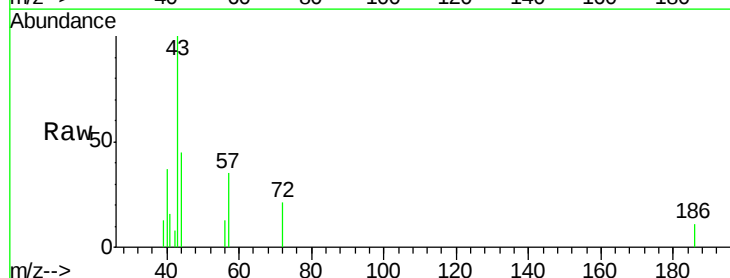
Ion	Ratio	Lower	Upper
84	100		
49	115.6	94.3	141.5
51	36.0	29.4	44.2
86	64.9	51.4	77.0

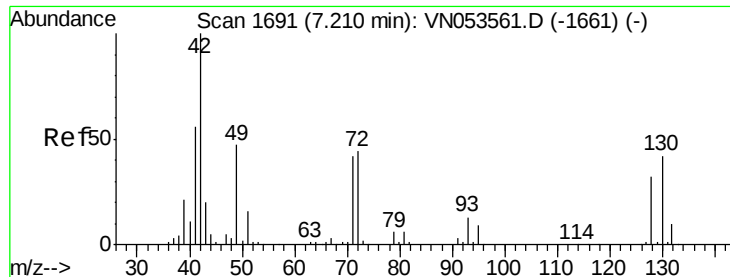


#25
2-Butanone
Concen: 2.129 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 43 Resp: 5784

Ion	Ratio	Lower	Upper
43	100		
72	23.0	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.863 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-02

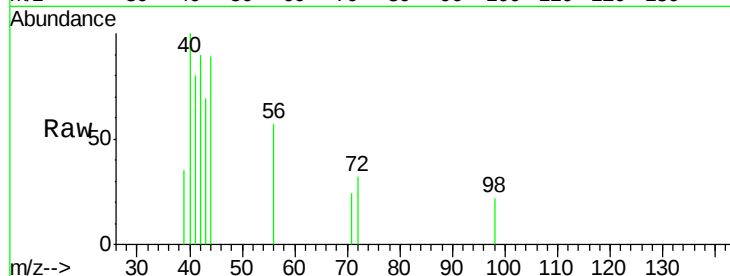
Tot Ion: 42 Resp: 1505

Ion Ratio Lower Upper

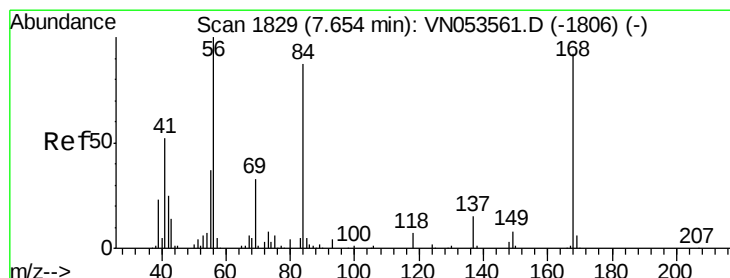
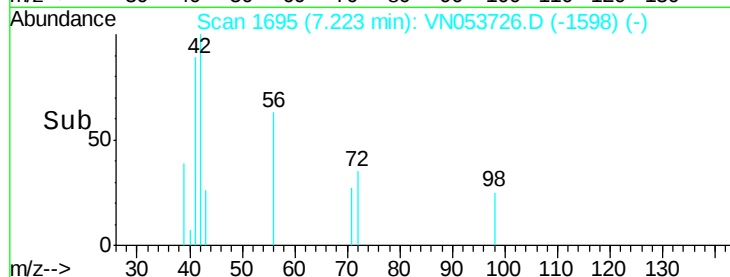
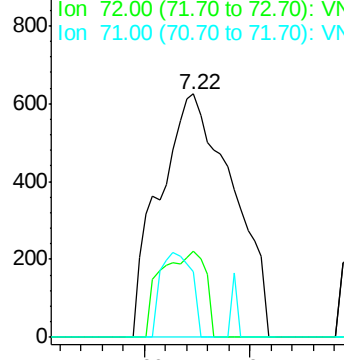
42 100

72 21.5 35.2 52.8#

71 14.8 33.0 49.4#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



#31

Cyclohexane

Concen: 2.323 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

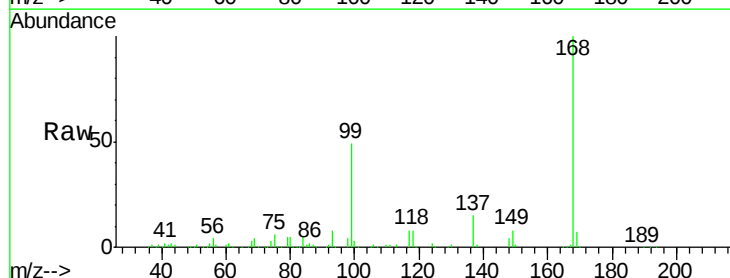
Tgt Ion: 56 Resp: 31212

Ion Ratio Lower Upper

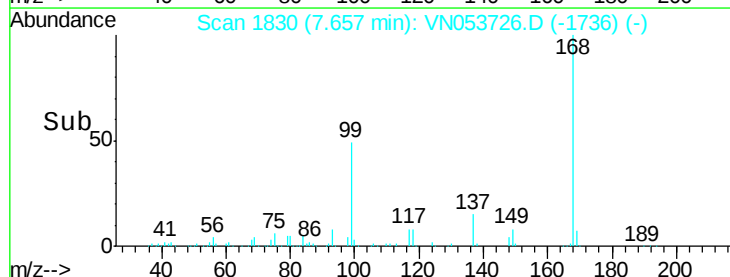
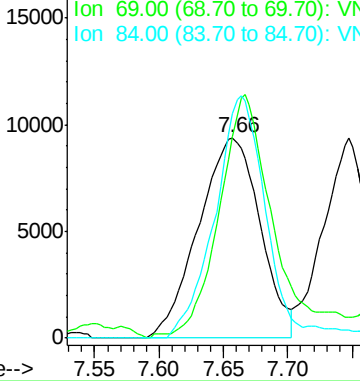
56 100

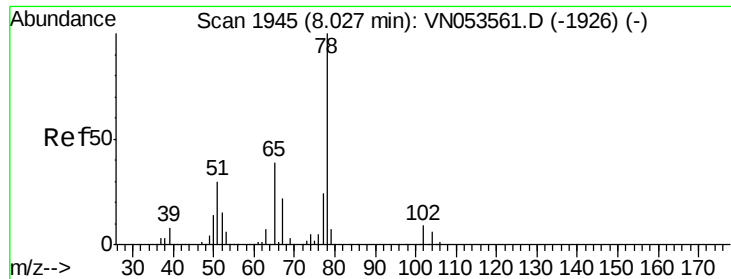
69 99.1 26.4 39.6#

84 112.1 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.979 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

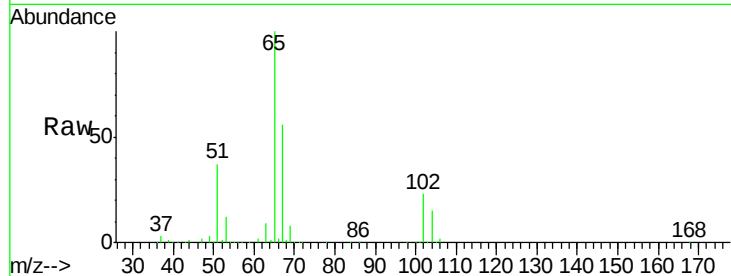
IDW-SOIL-02

Tot Ion: 65 Resp: 393530

Ion Ratio Lower Upper

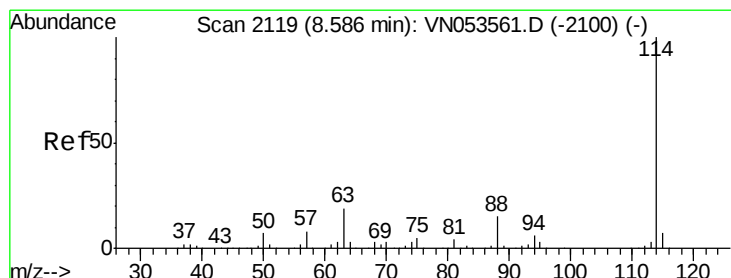
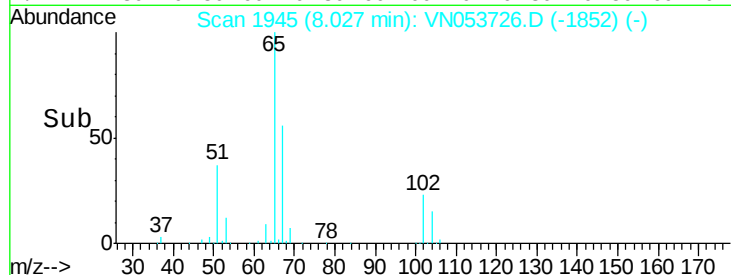
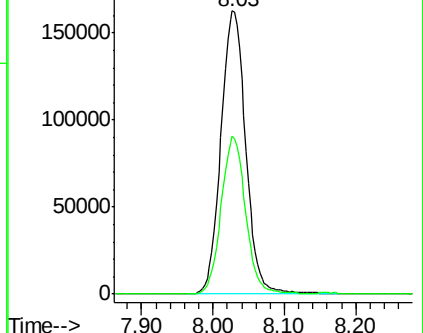
65 100

67 54.8 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053726.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053726.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

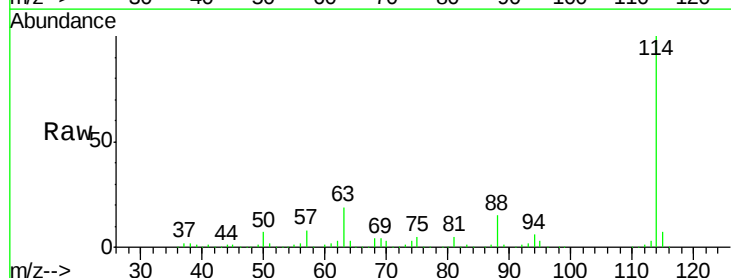
Tgt Ion: 114 Resp: 1226061

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

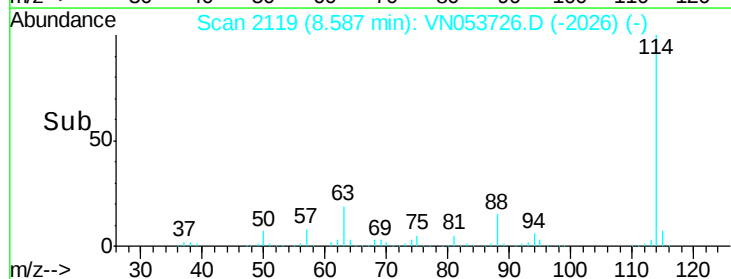
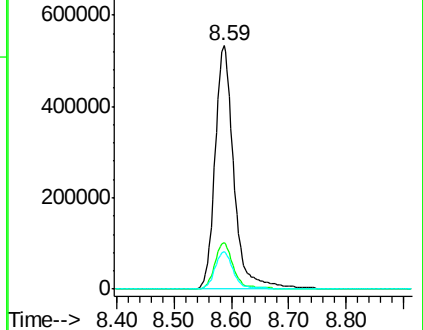
88 15.4 0.0 30.4

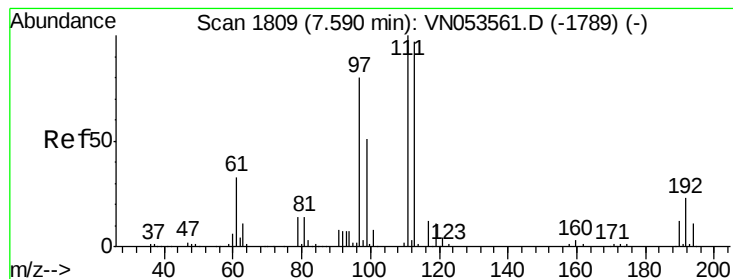


Abundance Ion 113.90 (113.60 to 114.60): VN053726.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053726.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053726.D (-2026) (-)





#35

Dibromofluoromethane

Concen: 50.015 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-02

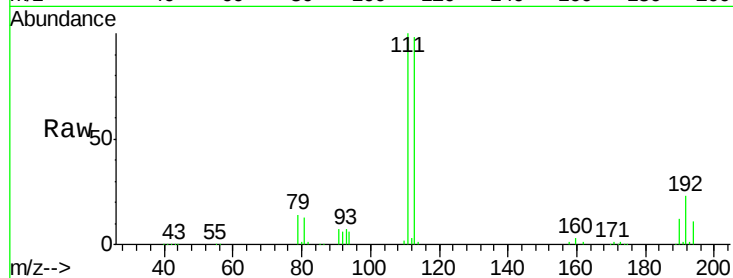
Tot Ion:113 Resp: 387470

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

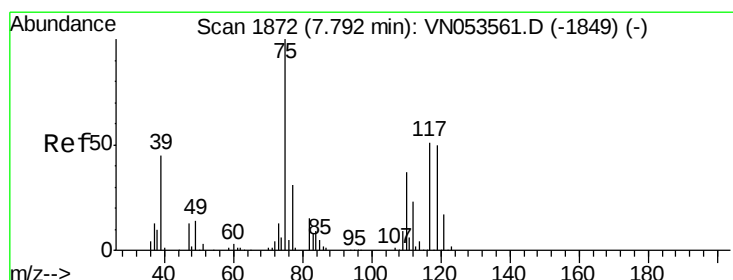
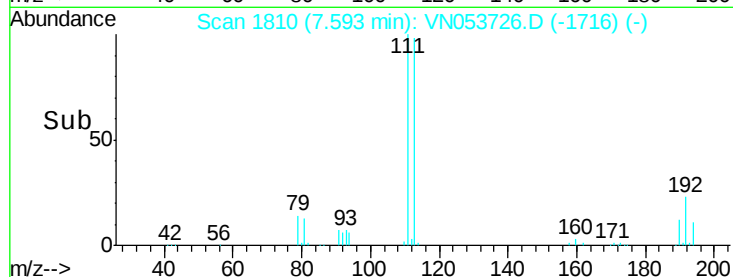
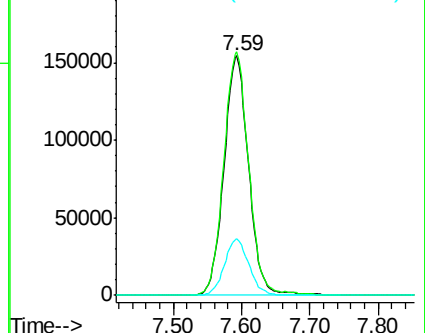
192 23.5 18.2 27.2



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



#36

1,1-Dichloropropene

Concen: 3.983 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

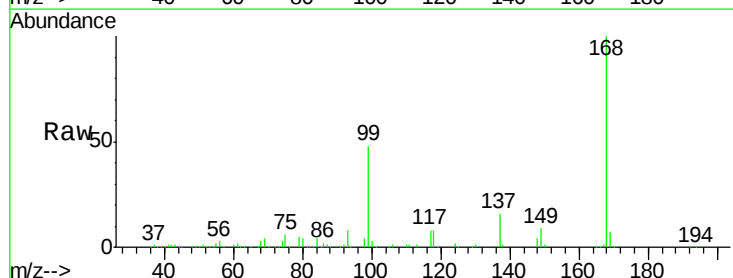
Tgt Ion: 75 Resp: 44021

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

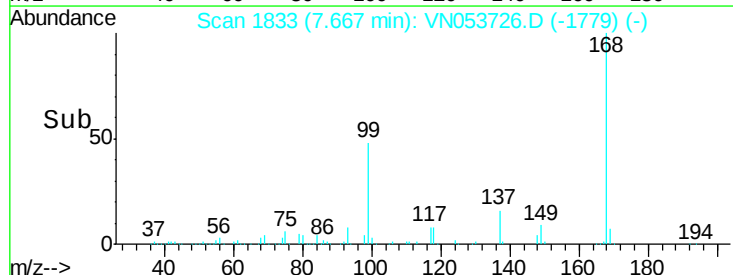
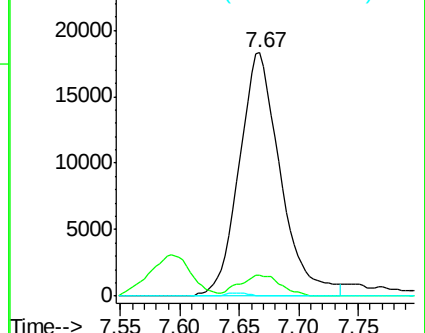
77 0.0 25.1 37.7#

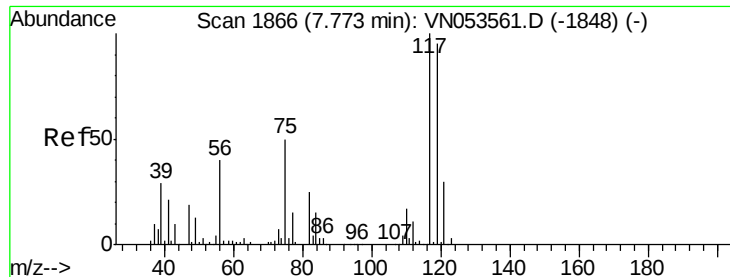


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

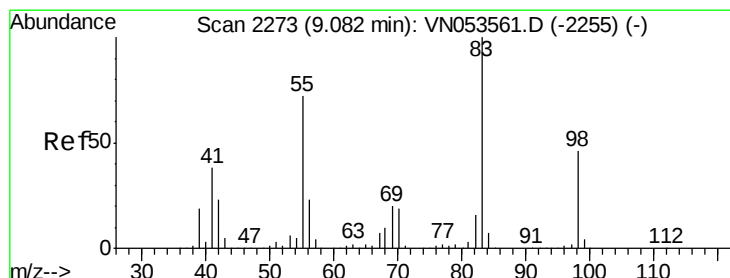
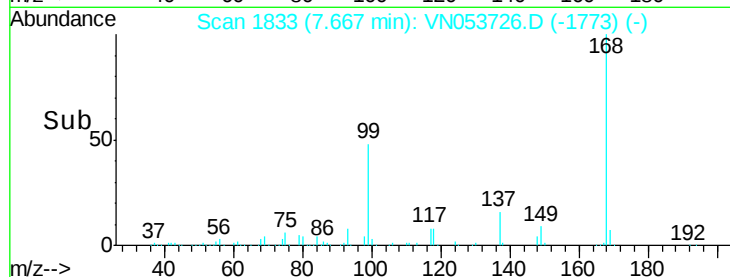
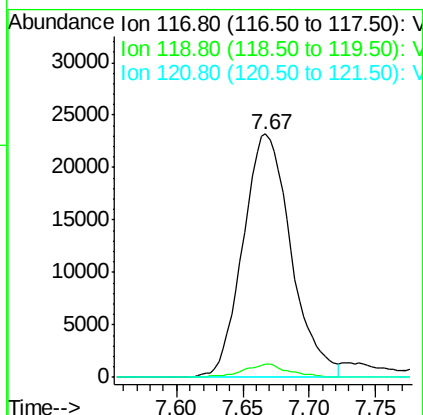
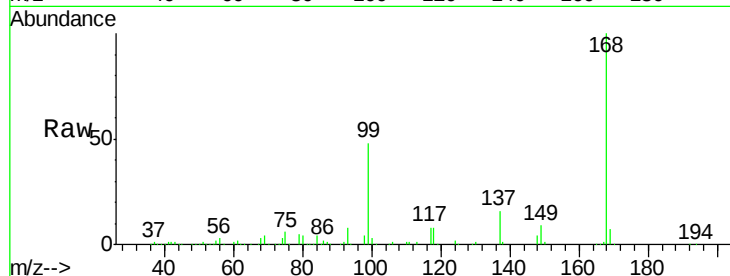




#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

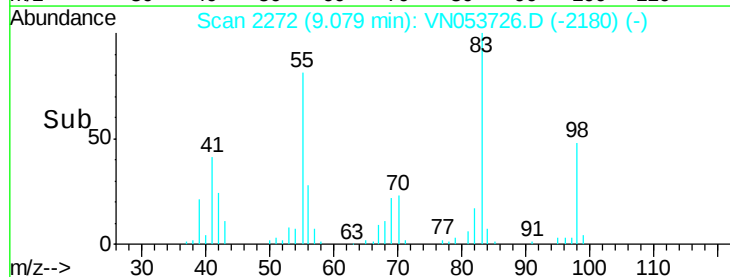
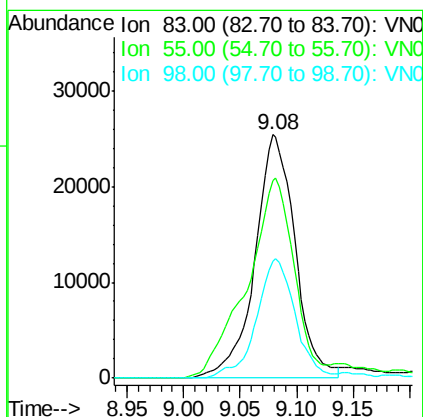
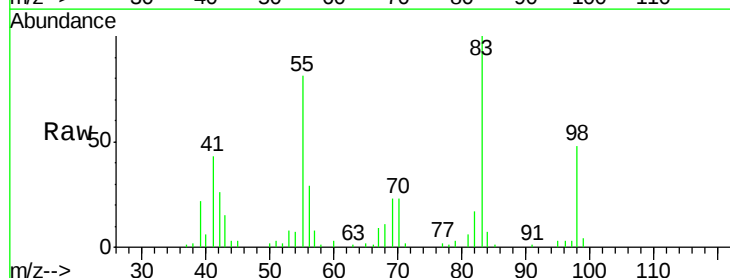
Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-02

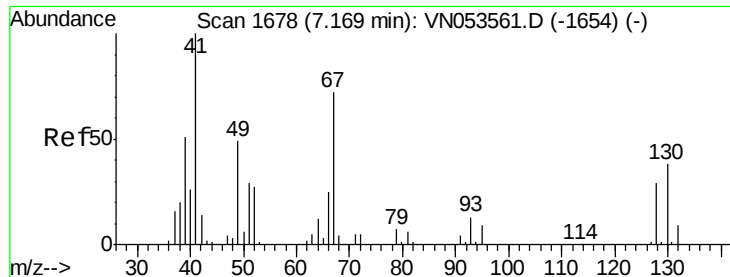
Tot Ion:117 Resp: 58788
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 4.768 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 83 Resp: 62521
Ion Ratio Lower Upper
83 100
55 80.4 60.1 90.1
98 47.8 36.6 55.0

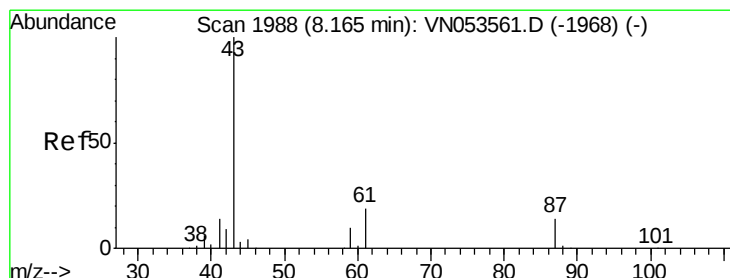
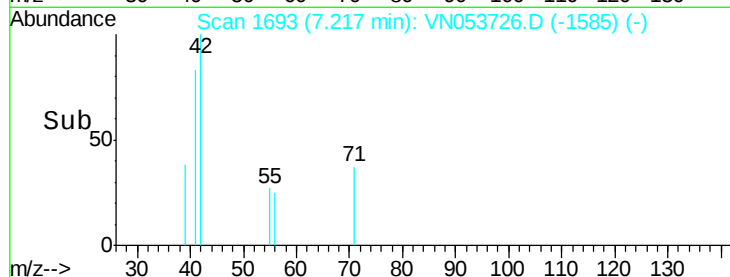
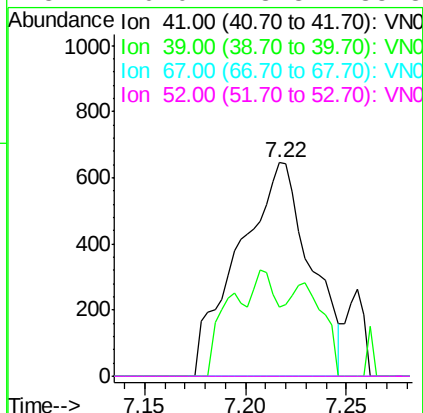
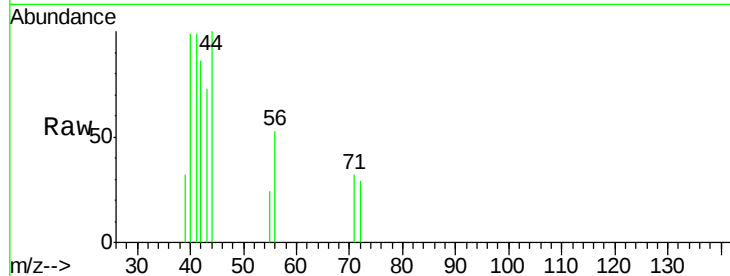




#41
Methacrylonitrile
Concen: 0.463 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

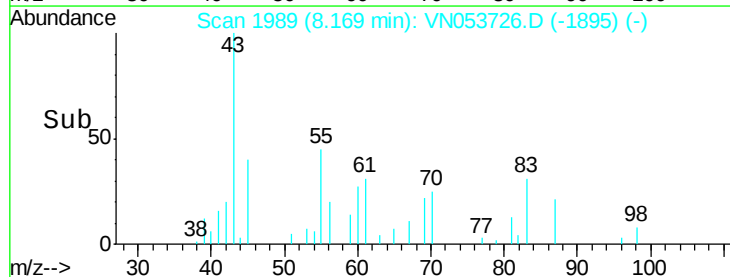
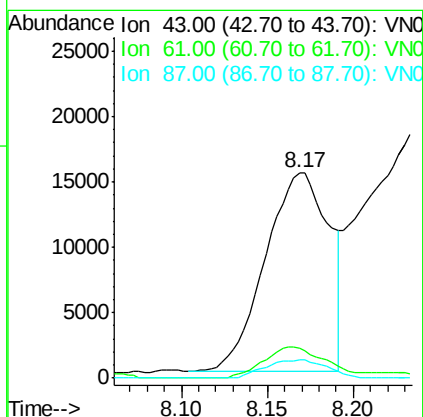
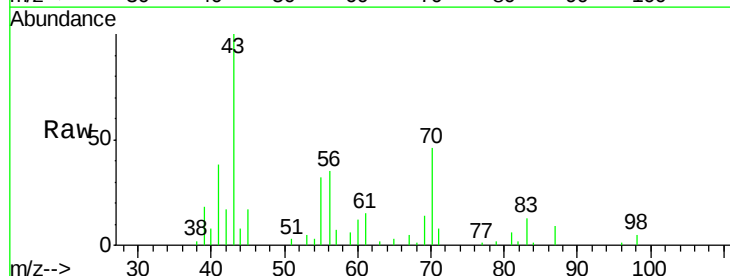
Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-02

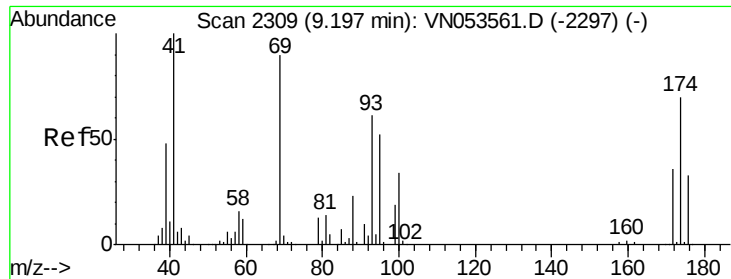
Tot Ion: 41 Resp: 1599
Ion Ratio Lower Upper
41 100
39 16.4 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.302 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 43 Resp: 39362
Ion Ratio Lower Upper
43 100
61 15.6 23.9 35.9#
87 8.7 11.0 16.6#

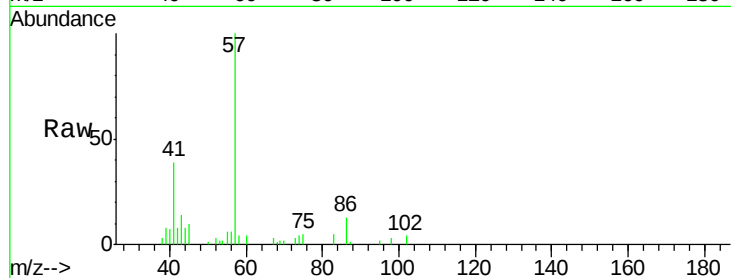




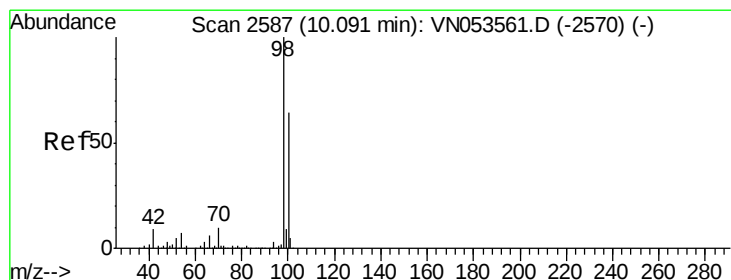
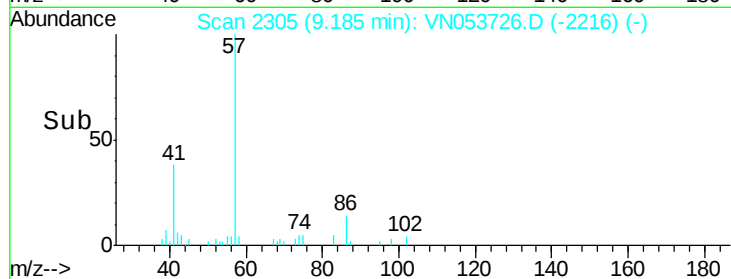
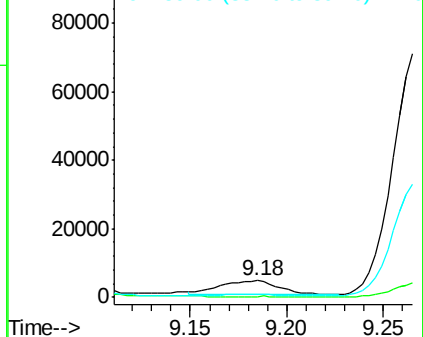
#48
Methvl methacrylate
Concen: 1.564 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-02

Tot Ion: 41 Resp: 8898
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#

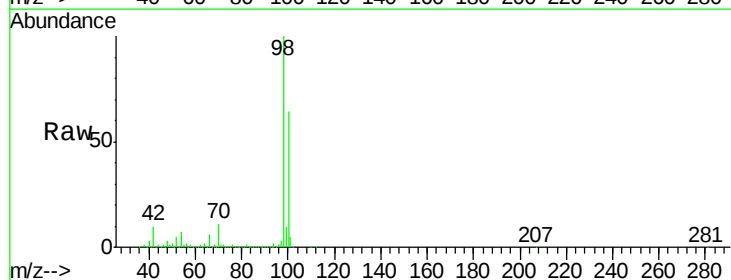


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

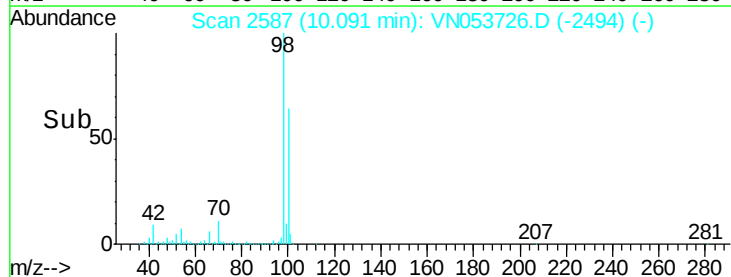
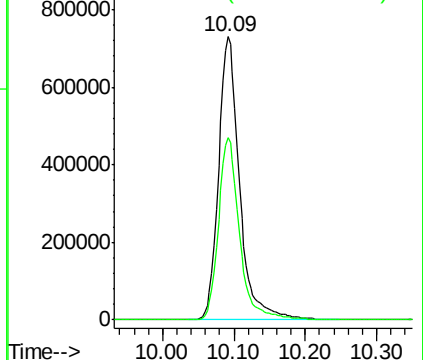


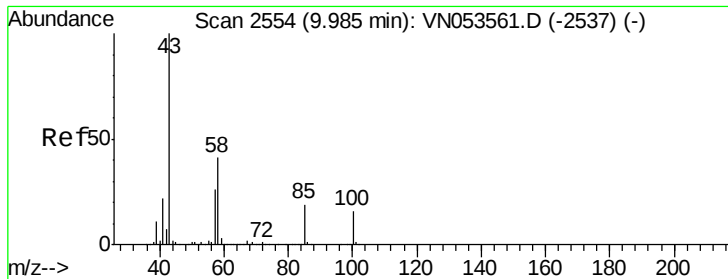
#50
Toluene-d8
Concen: 51.188 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 98 Resp: 1489001
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

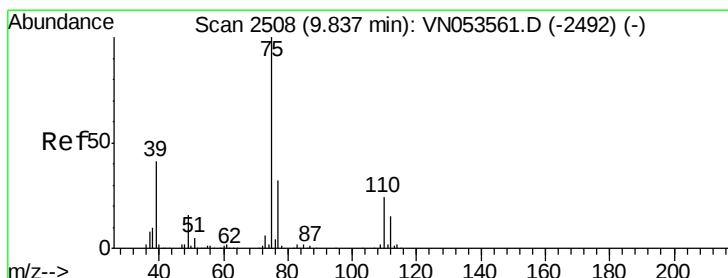
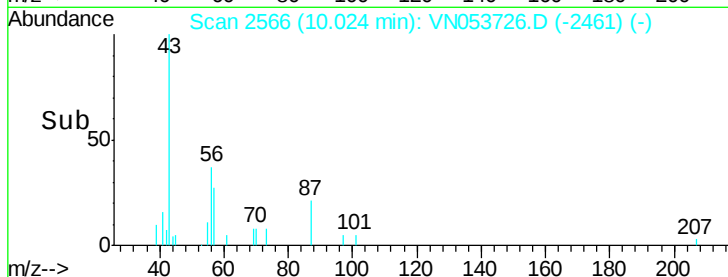
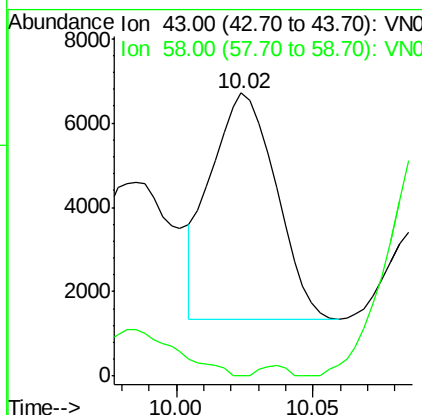
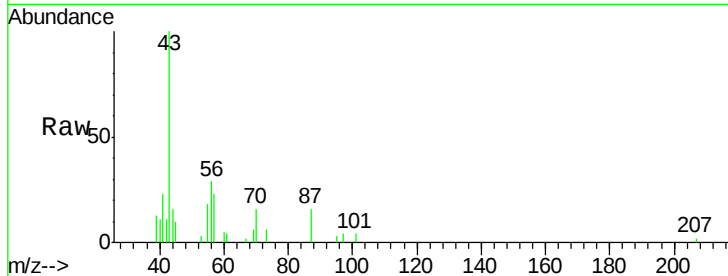




#51
 4-Methyl-2-Pentanone
 Concen: 1.525 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

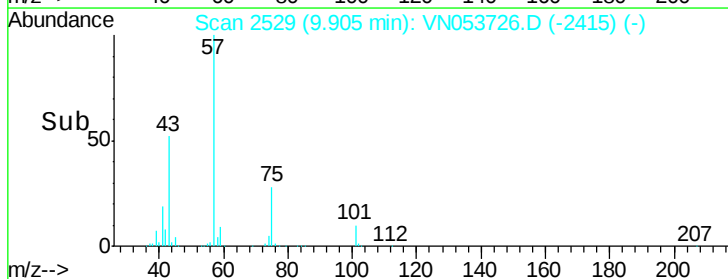
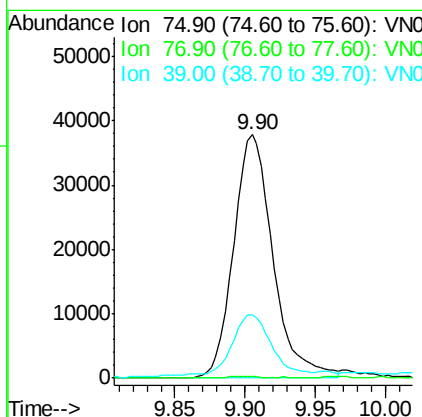
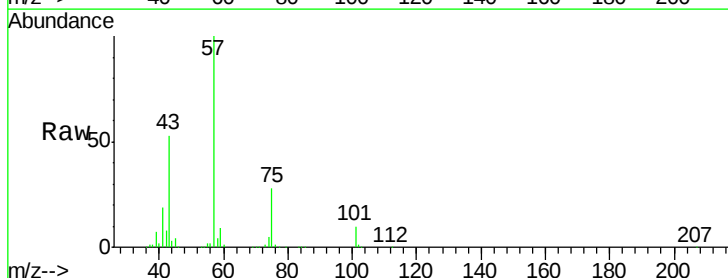
Instrument :
 MSVOA_N
 ClientSampled :
 IDW-SOIL-02

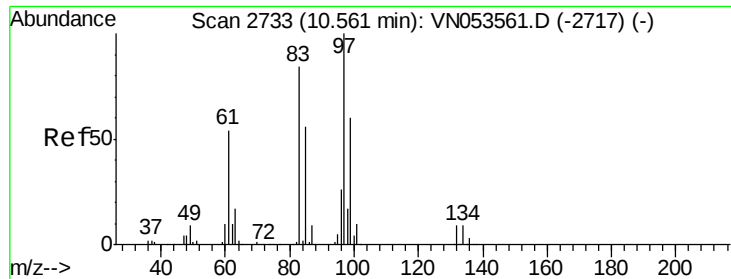
Tot Ion: 43 Resp: 8936
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.8 49.2#



#54
 cis-1,3-Dichloropropene
 Concen: 5.710 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

Tgt Ion: 75 Resp: 74025
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.8 38.6#
 39 24.5 33.4 50.0#

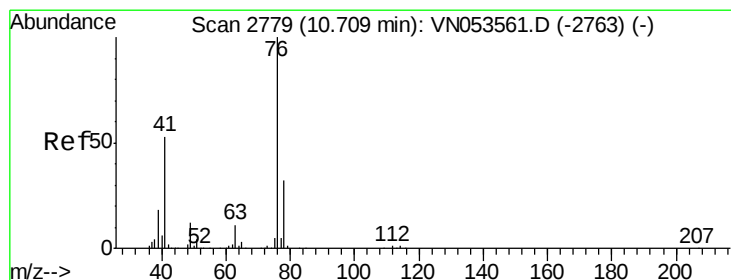
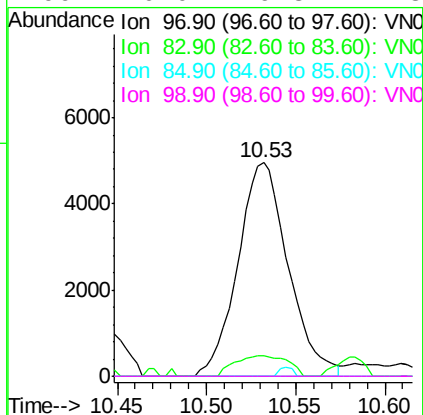
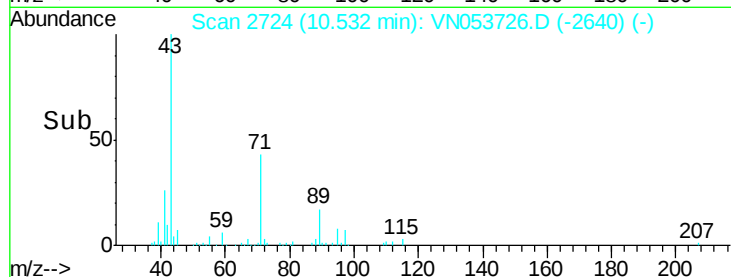
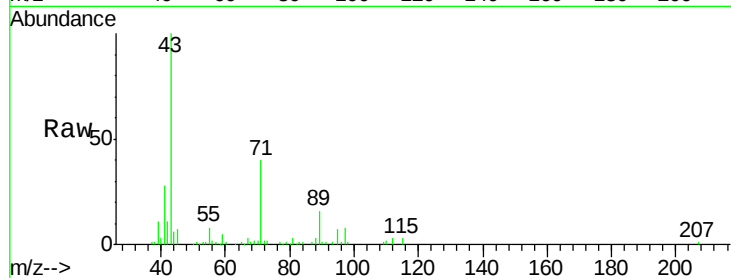




#55
 1,1,2-Trichloroethane
 Concen: 1.341 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

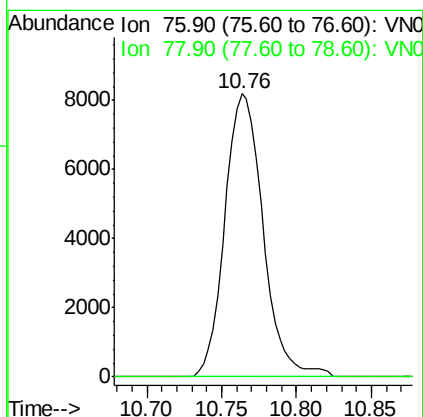
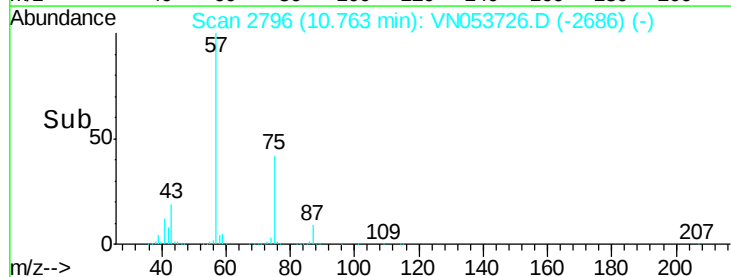
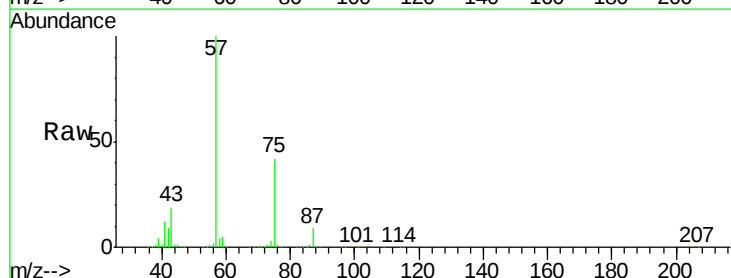
Instrument :
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 IDW-SOIL-02

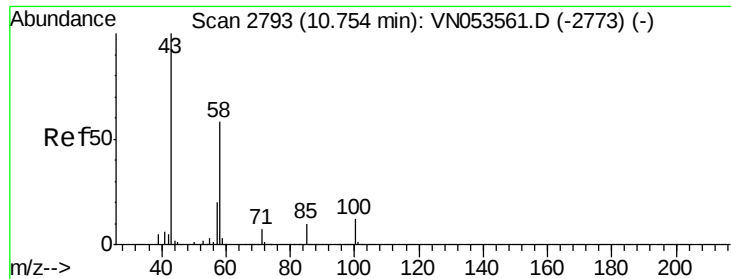
Tot Ion: 97 Resp: 9774
 Ion Ratio Lower Upper
 97 100
 83 9.4 70.1 105.1#
 85 0.0 45.4 68.0#
 99 0.0 49.8 74.8#



#57
 1,3-Dichloropropane
 Concen: 1.173 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053726.D
 Acq: 12 Feb 2019 13:19

Tgt Ion: 76 Resp: 14614
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#

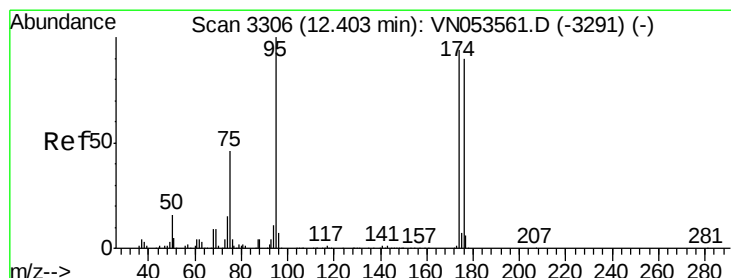
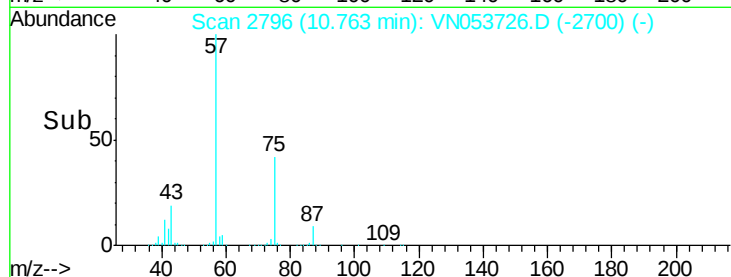
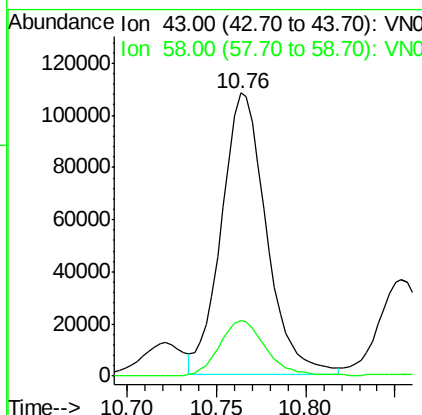
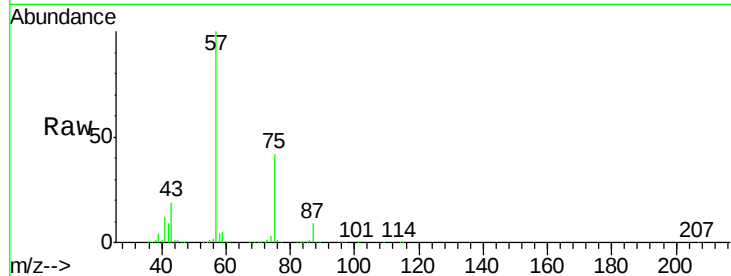




#59
2-Hexanone
Concen: 47.755 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

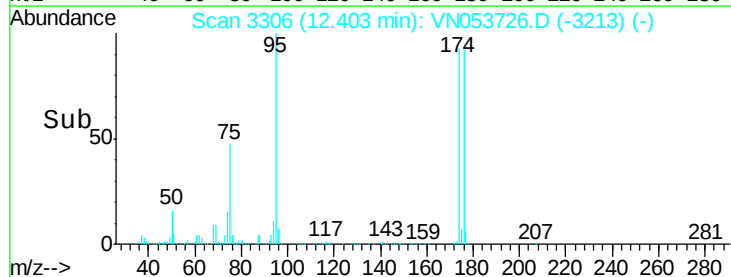
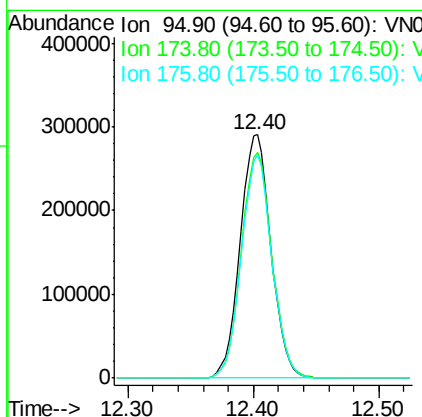
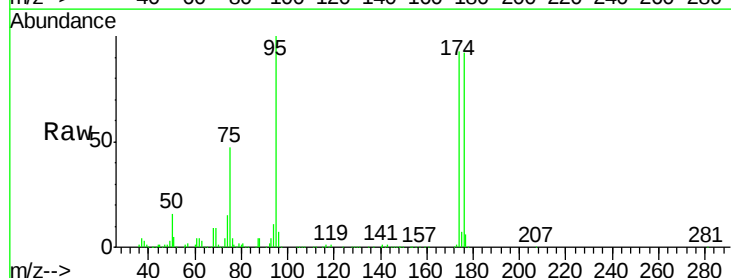
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MSVOA_N
ClientSampled :
IDW-SOIL-02

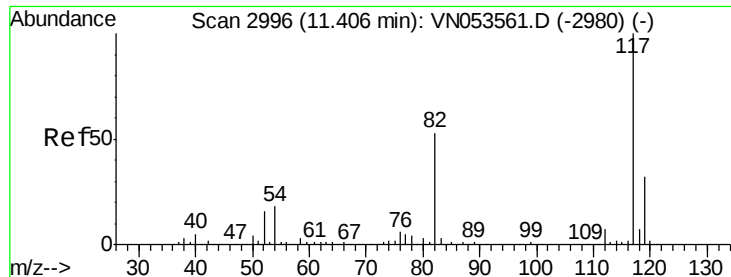
Tot Ion: 43 Resp: 189910
Ion Ratio Lower Upper
43 100
58 20.5 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 51.099 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 95 Resp: 495746
Ion Ratio Lower Upper
95 100
174 92.9 0.0 183.2
176 90.5 0.0 177.4

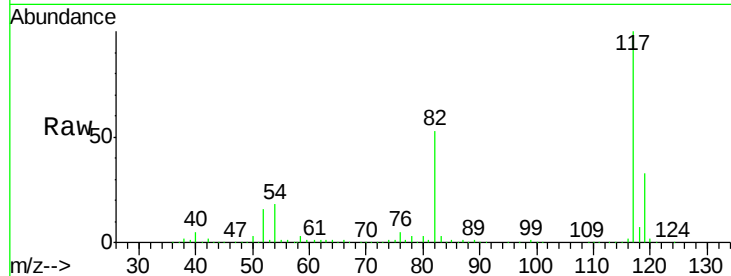




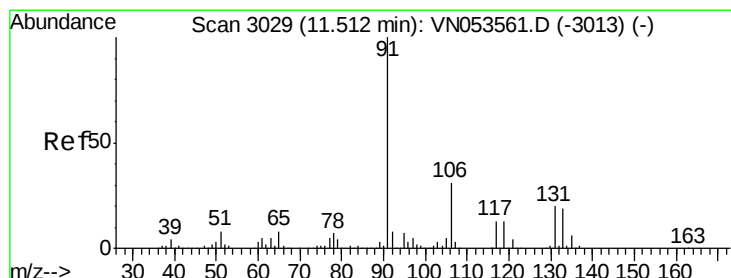
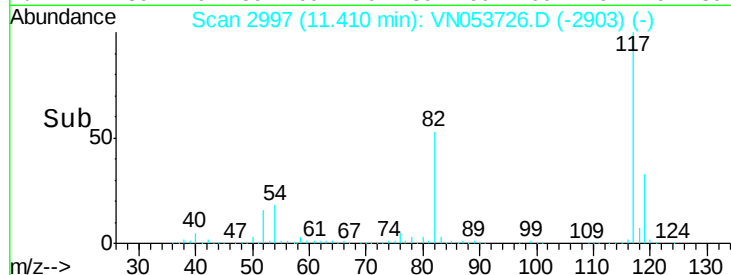
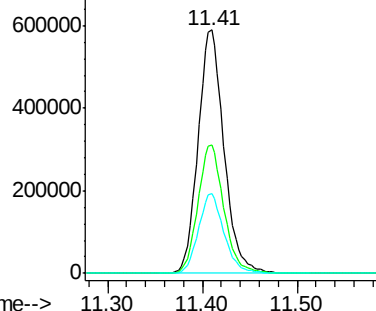
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-02

Tot Ion:117 Resp: 1117835
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 32.5 26.0 39.0

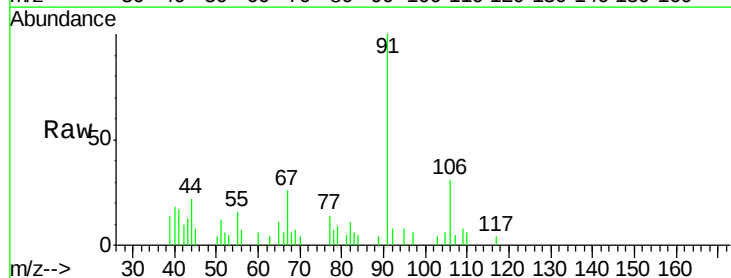


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

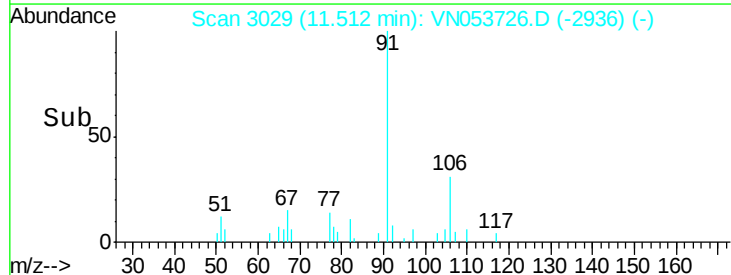
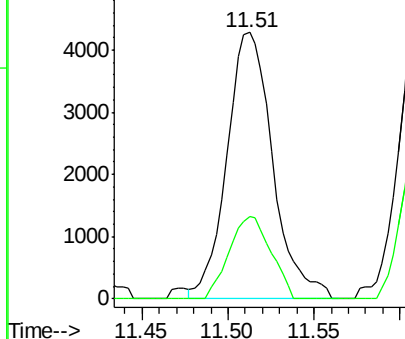


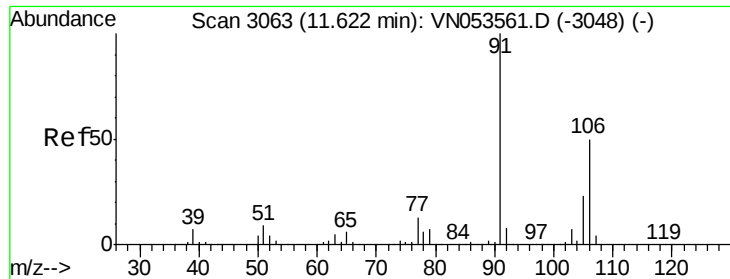
#67
Ethyl Benzene
Concen: 0.203 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 91 Resp: 7937
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

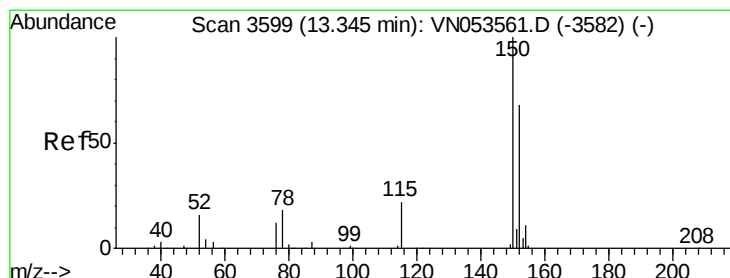
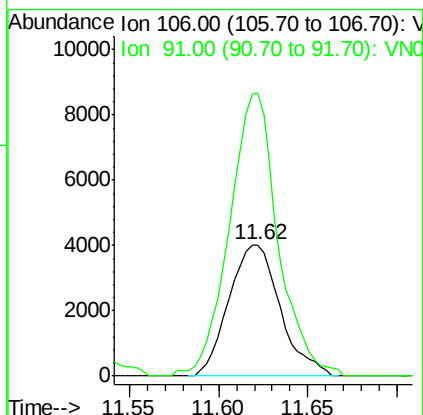
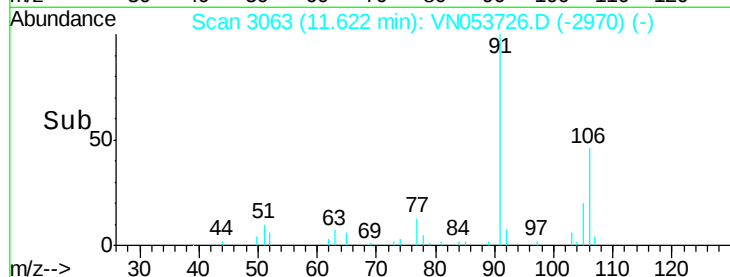
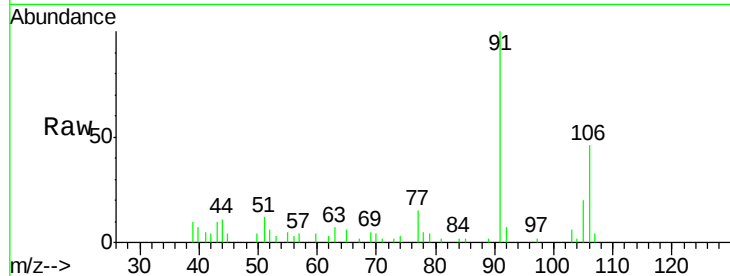




#68
m/p-Xvlenes
Concen: 0.543 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

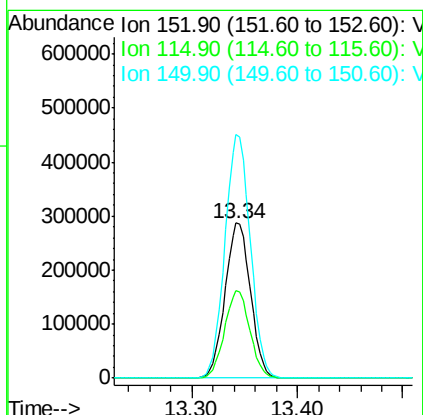
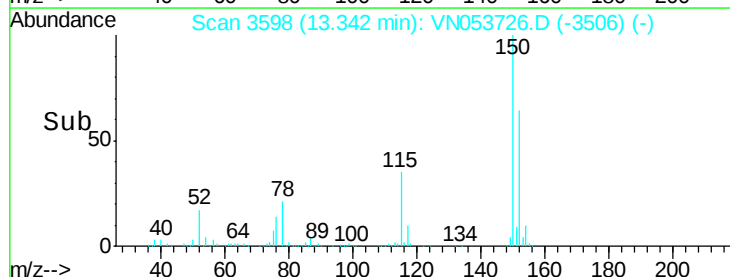
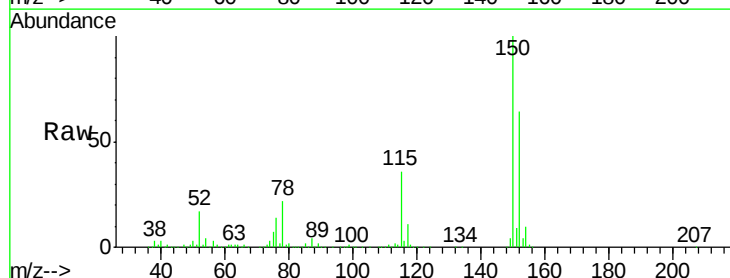
Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-02

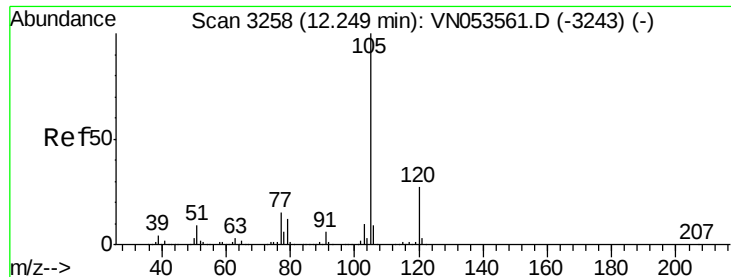
Tot Ion:106 Resp: 8088
Ion Ratio Lower Upper
106 100
91 203.9 161.4 242.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion:152 Resp: 478253
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 156.6 0.0 349.0





#73

Isopropylbenzene

Concen: 0.447 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

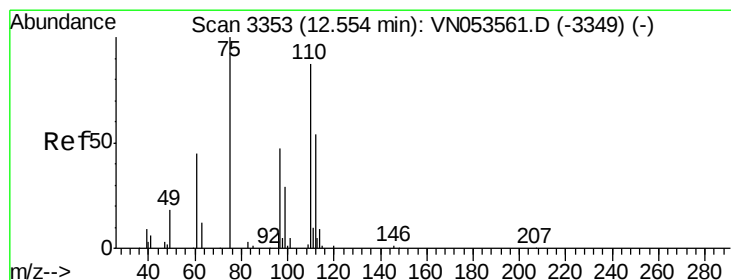
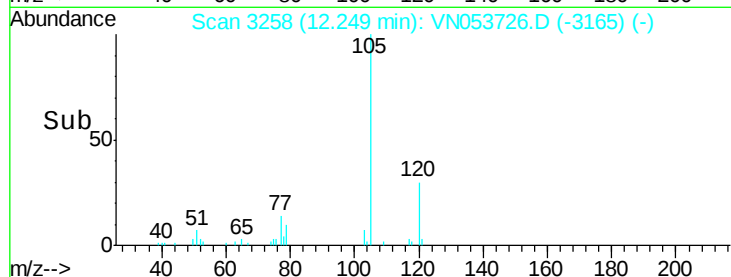
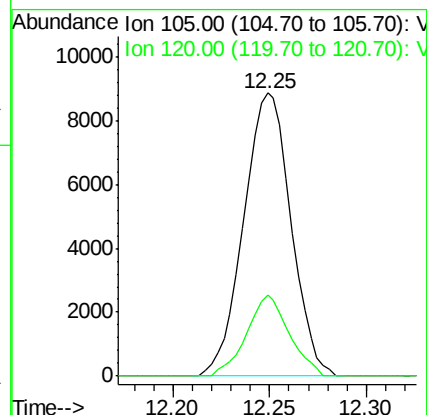
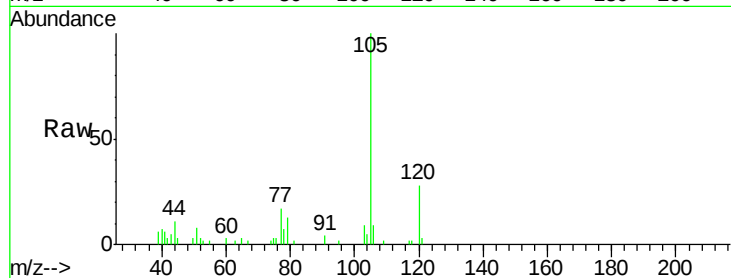
IDW-SOIL-02

Tot Ion:105 Resp: 15041

Ion Ratio Lower Upper

105 100

120 25.7 13.6 40.7



#76

1,2,3-Trichloropropane

Concen: 37.443 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053726.D

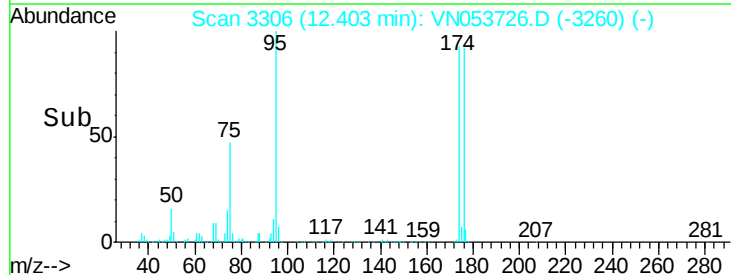
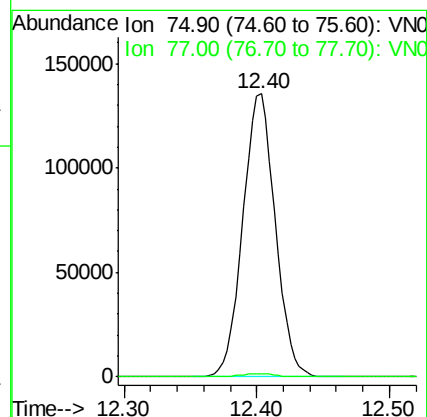
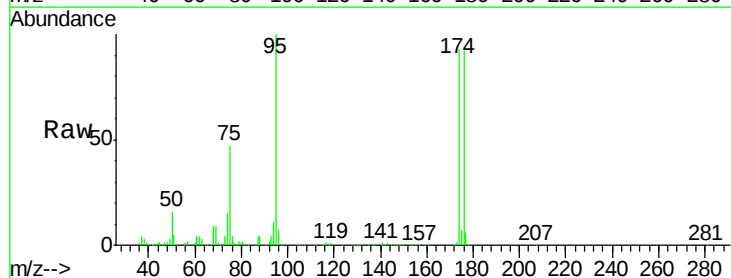
Acq: 12 Feb 2019 13:19

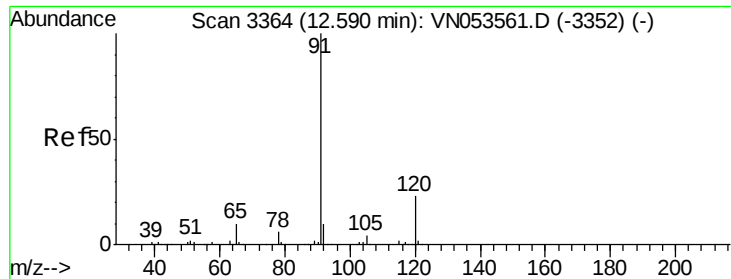
Tgt Ion: 75 Resp: 230005

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 1.828 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

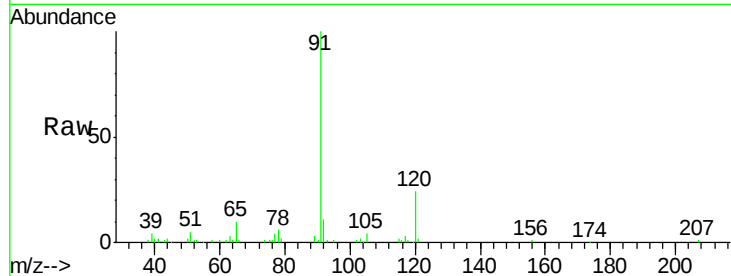
IDW-SOIL-02

Tot Ion: 91 Resp: 71047

Ion Ratio Lower Upper

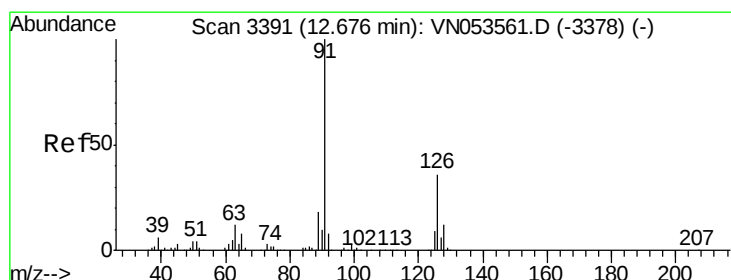
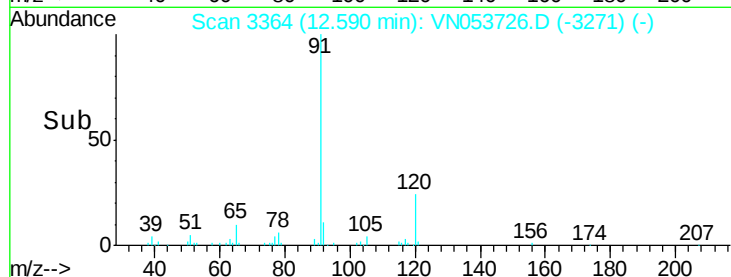
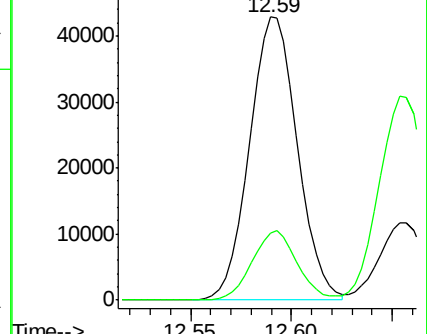
91 100

120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.747 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN053726.D

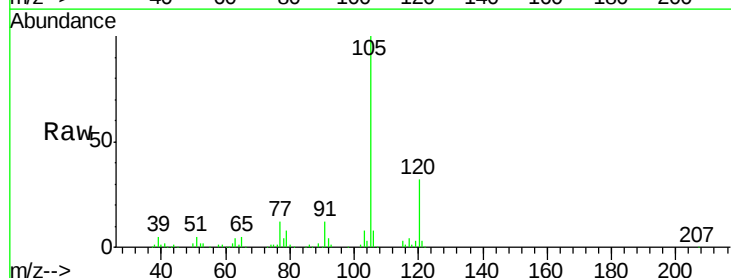
Acq: 12 Feb 2019 13:19

Tgt Ion: 91 Resp: 17215

Ion Ratio Lower Upper

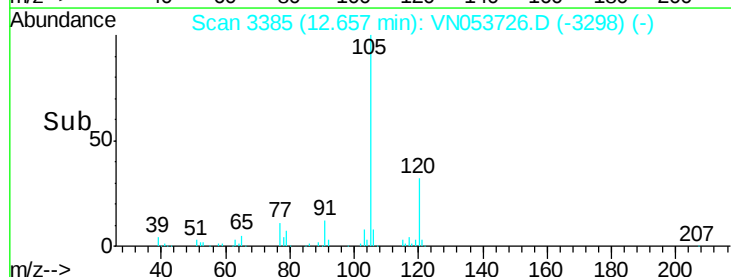
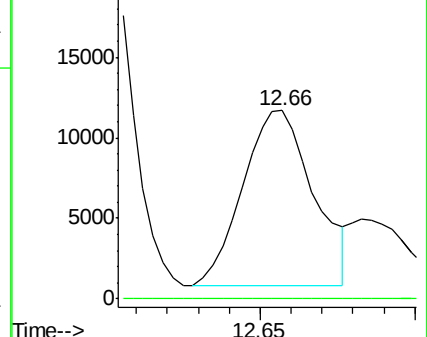
91 100

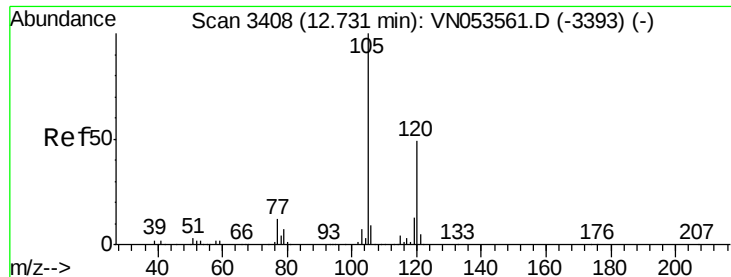
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 3.512 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

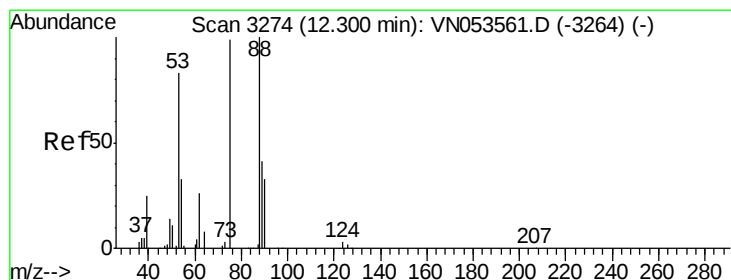
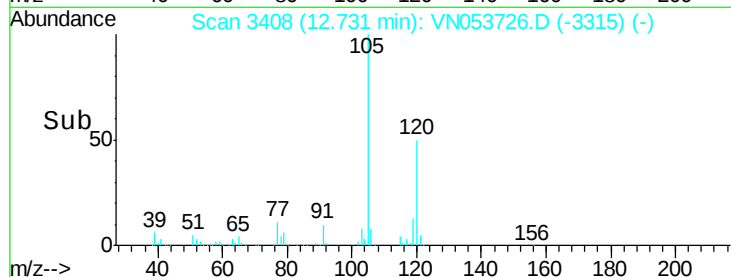
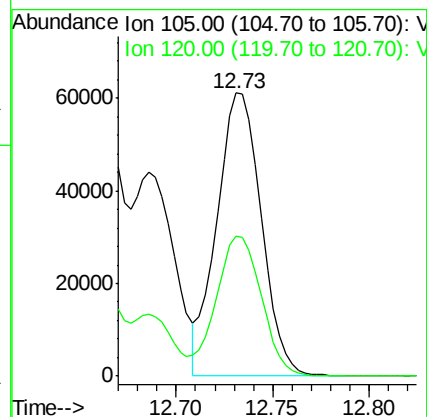
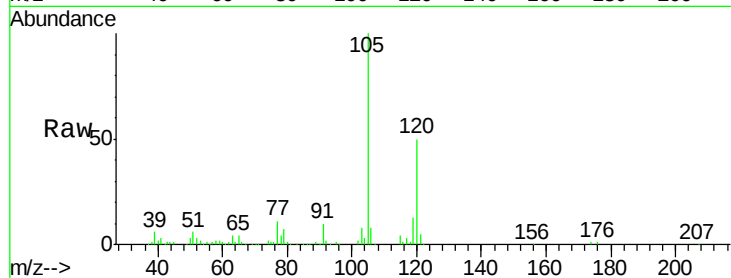
IDW-SOIL-02

Tot Ion:105 Resp: 97905

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 105.286 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

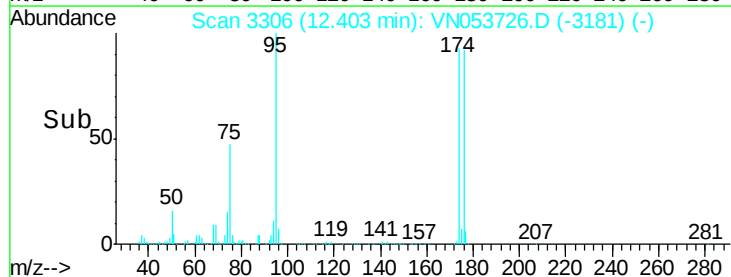
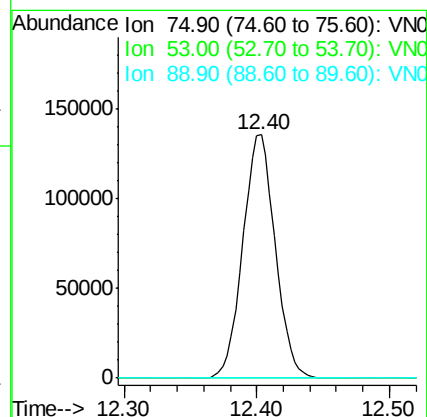
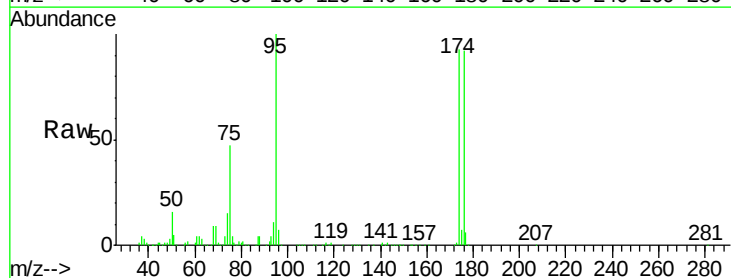
Tgt Ion: 75 Resp: 230005

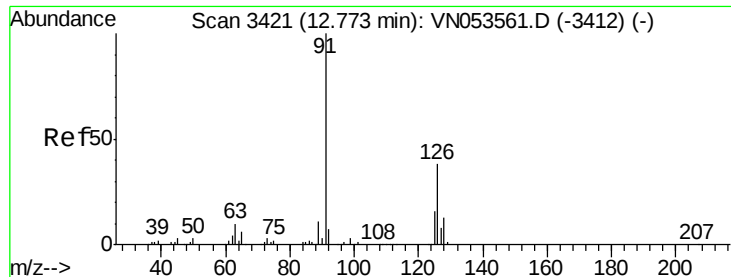
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#





#82

4-Chlorotoluene

Concen: 0.364 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

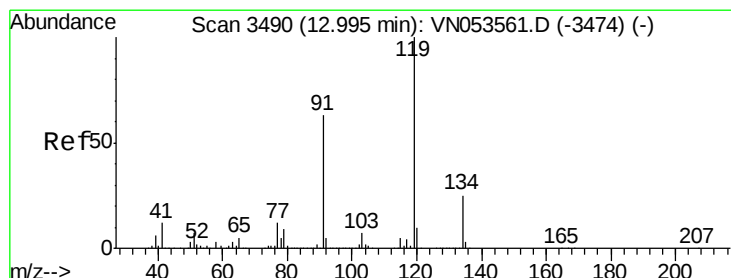
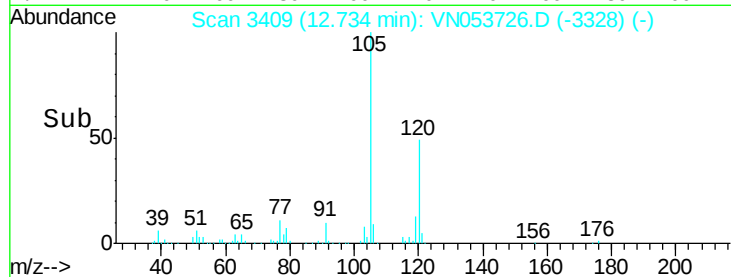
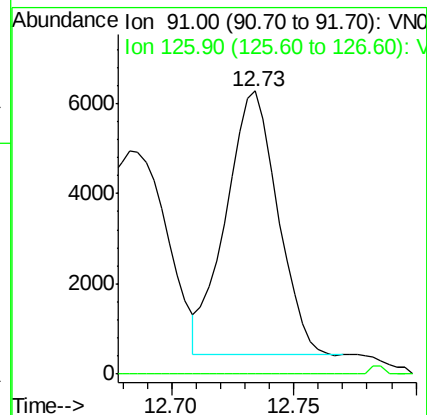
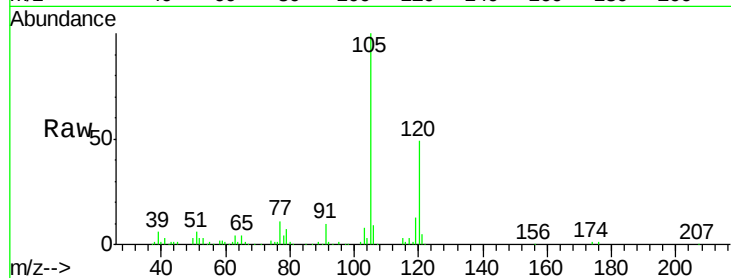
IDW-SOIL-02

Tot Ion: 91 Resp: 8608

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



#83

tert-Butylbenzene

Concen: 1.068 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

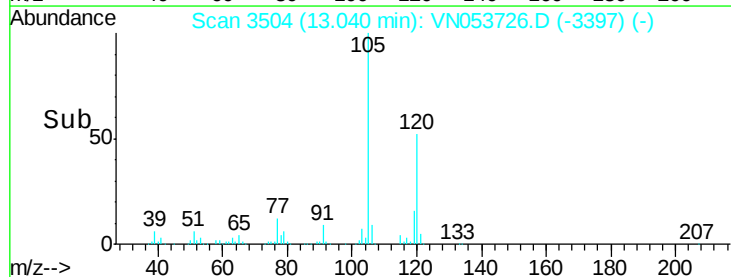
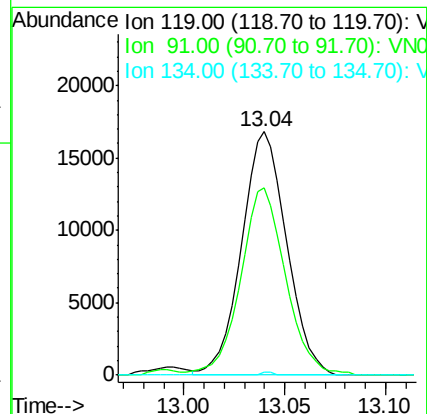
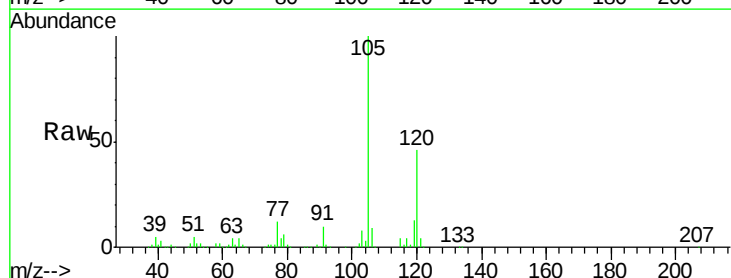
Tgt Ion: 119 Resp: 26321

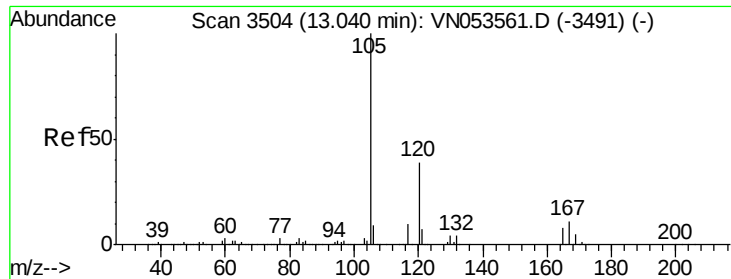
Ion Ratio Lower Upper

119 100

91 76.7 31.3 93.8

134 0.0 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 7.272 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

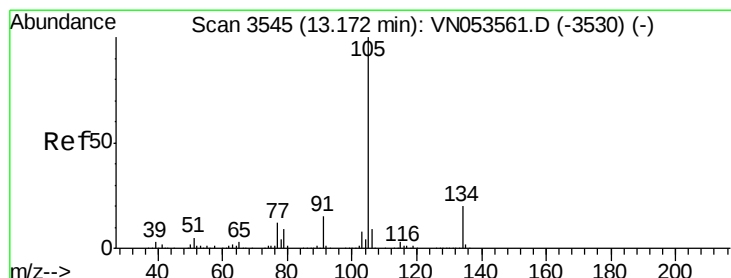
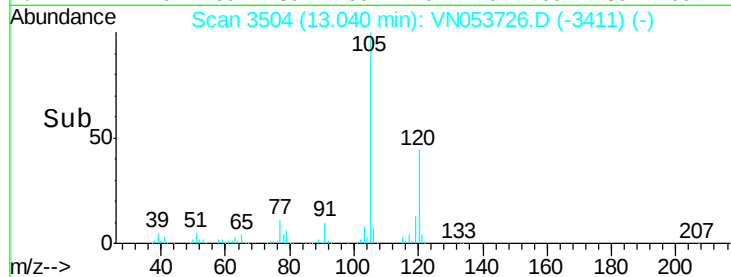
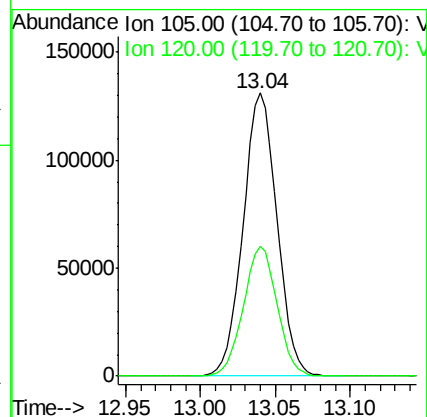
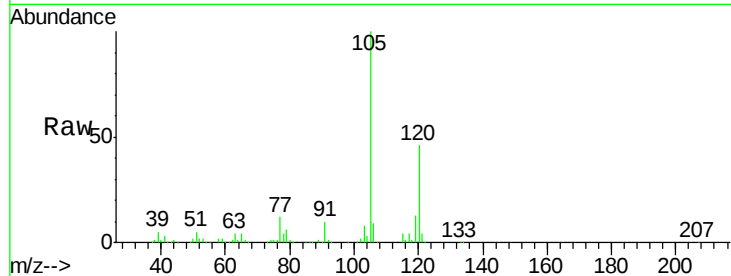
IDW-SOIL-02

Tot Ion:105 Resp: 206557

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0



#85

sec-Butylbenzene

Concen: 0.509 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053726.D

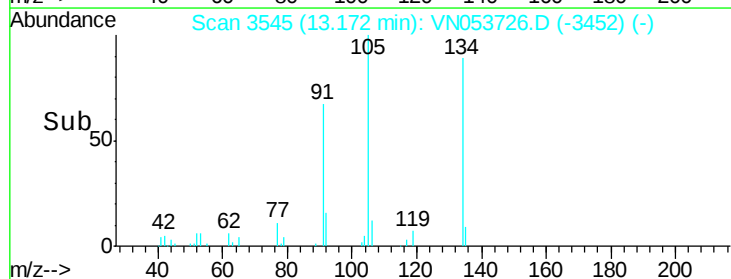
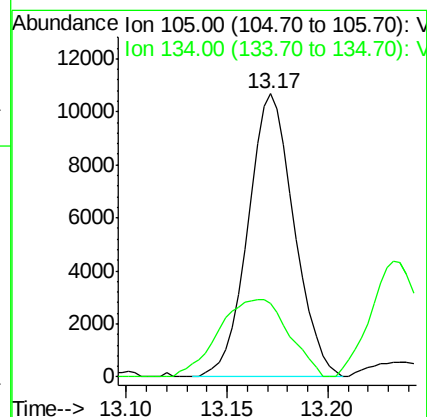
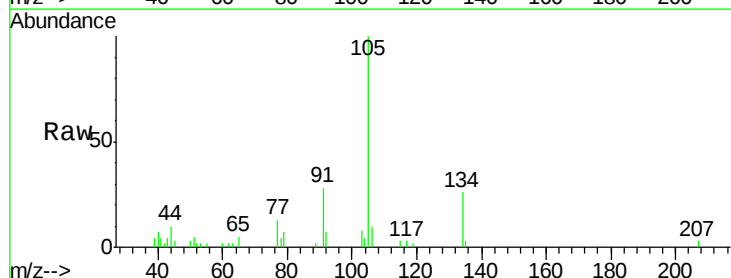
Acq: 12 Feb 2019 13:19

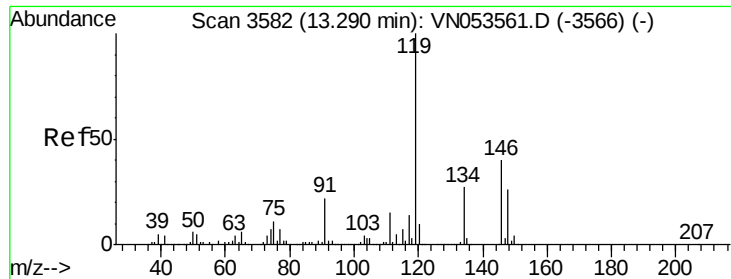
Tgt Ion:105 Resp: 17055

Ion Ratio Lower Upper

105 100

134 41.4 10.2 30.6#

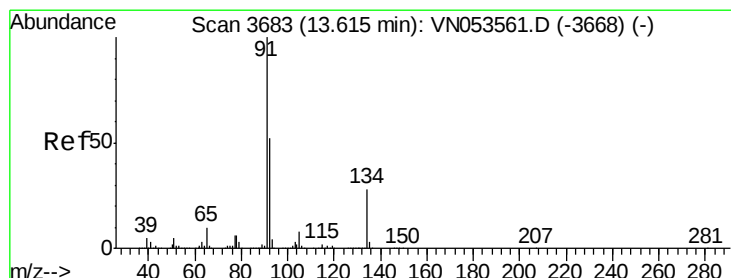
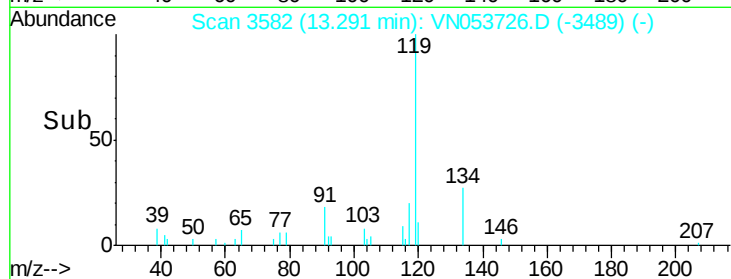
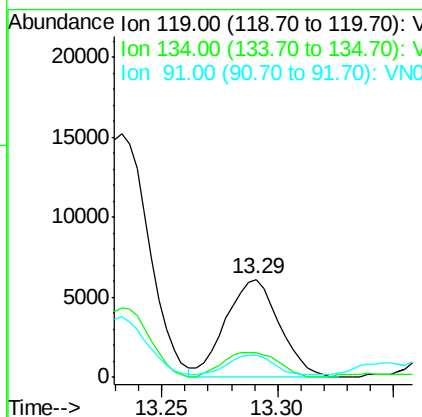
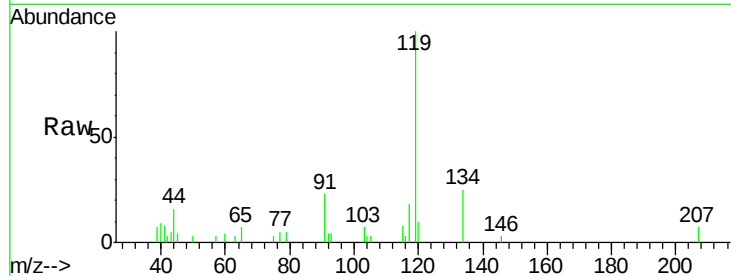




#86
p-Isopropyltoluene
Concen: 0.337 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

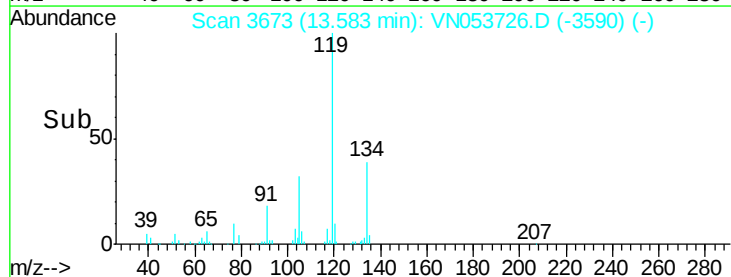
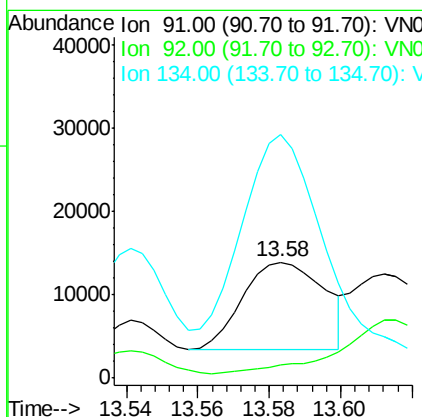
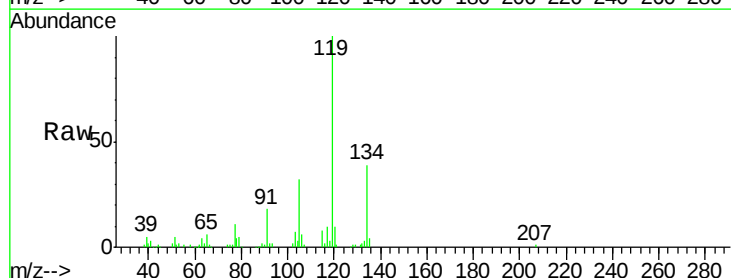
Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-02

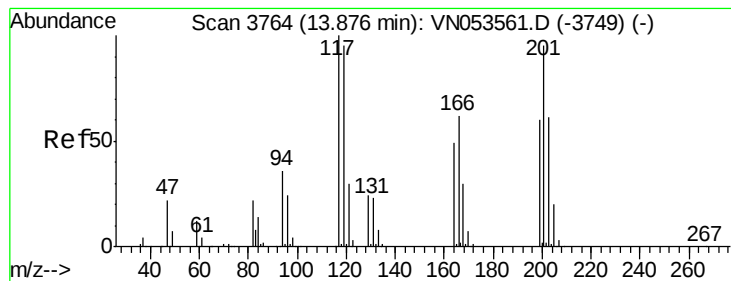
Tot Ion: 119 Resp: 9875
Ion Ratio Lower Upper
119 100
134 26.4 13.5 40.4
91 21.0 11.0 33.0



#89
n-Butylbenzene
Concen: 0.649 ug/l
RT: 13.58 min Scan# 3673
Delta R.T. -0.03 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Tgt Ion: 91 Resp: 16478
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.8#
134 324.7 13.5 40.5#





#90

Hexachloroethane

Concen: 2.103 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

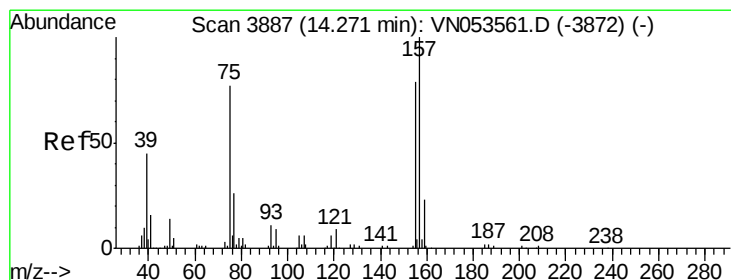
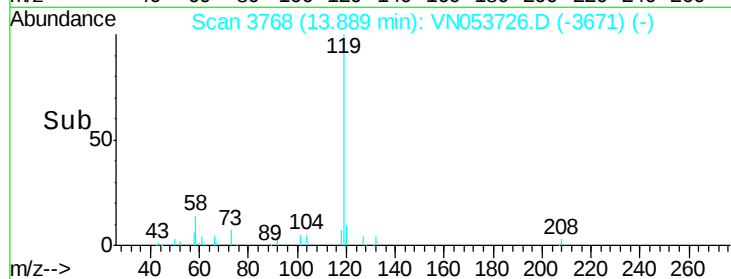
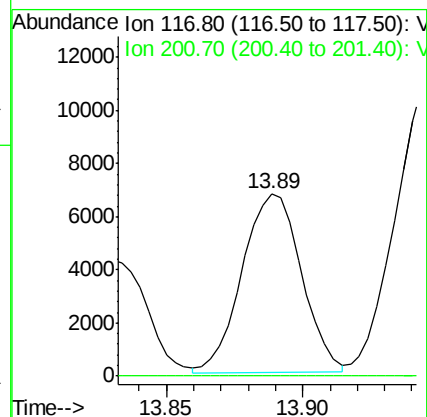
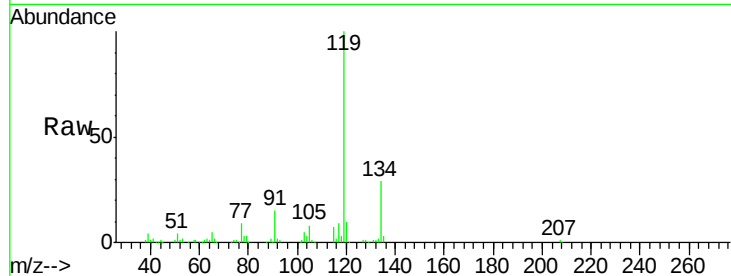
IDW-SOIL-02

Tot Ion:117 Resp: 10175

Ion Ratio Lower Upper

117 100

201 0.0 46.8 140.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.671 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053726.D

Acq: 12 Feb 2019 13:19

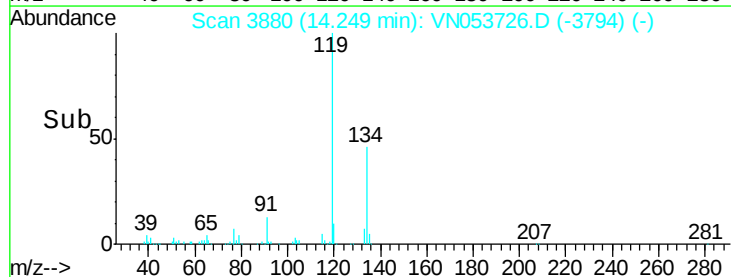
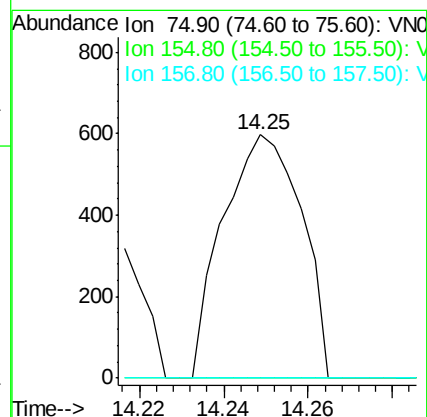
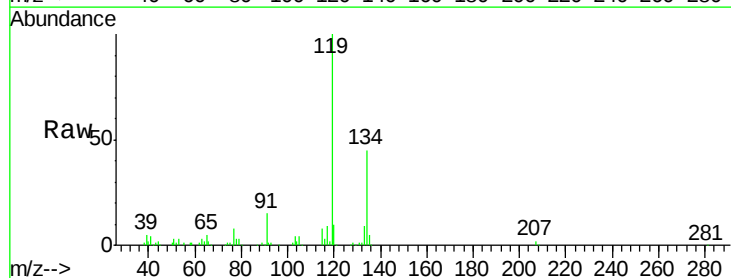
Tgt Ion: 75 Resp: 770

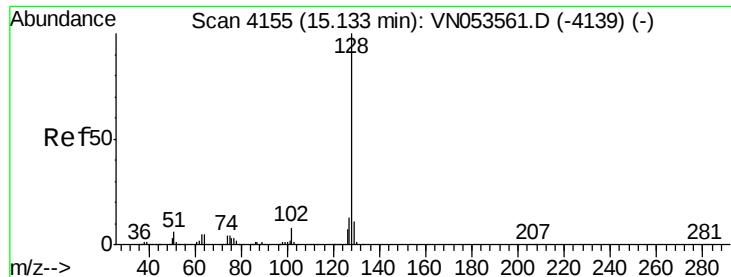
Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.7#

157 0.0 63.7 191.3#

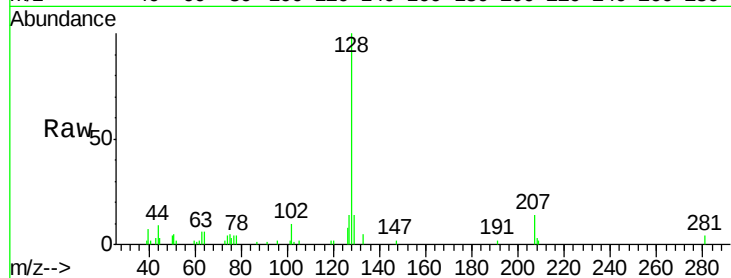




#95
Naphthalene
Concen: 2.773 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053726.D
Acq: 12 Feb 2019 13:19

Instrument :
MSVOA_N
ClientSampleId :
IDW-SOIL-02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	14.5	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

