

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053728.D
 Acq On : 12 Feb 2019 14:13
 Operator : JC/SP
 Sample : K1457-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SOIL-04

Quant Time: Feb 13 04:14:31 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	752824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1235920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1106707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	433119	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	392677	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	7.59	113	395044	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.09	98	1484815	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	476469	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	

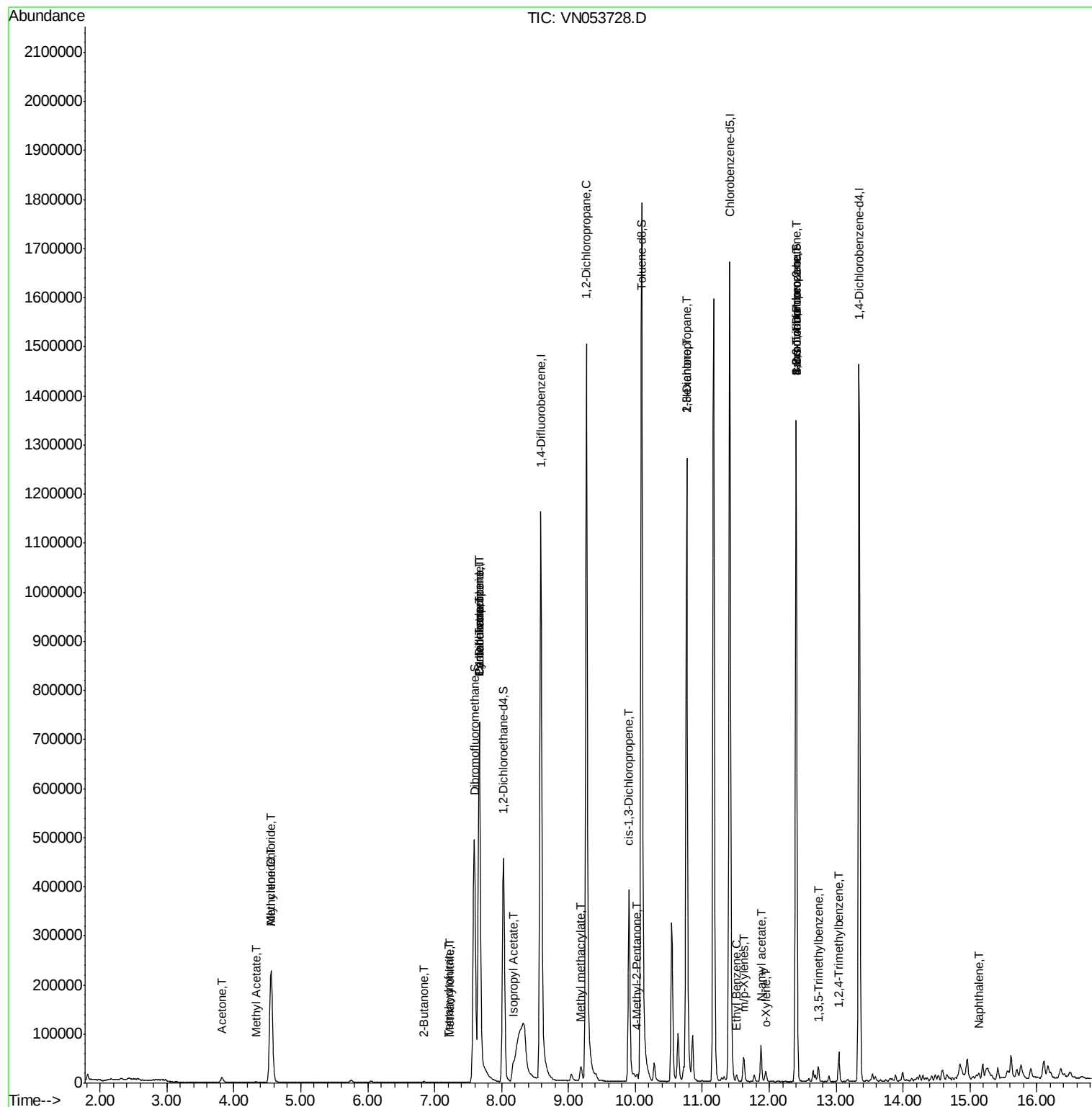
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.56	41	7191	0.648	ug/l #	27
16) Acetone	3.82	43	17358	8.960	ug/l	96
18) Methyl Acetate	4.33	43	3243	0.565	ug/l #	61
20) Methylene Chloride	4.55	84	183037	22.521	ug/l	95
25) 2-Butanone	6.84	43	2301	0.833	ug/l	94
29) Tetrahydrofuran	7.20	42	500	0.282	ug/l #	63
31) Cyclohexane	7.66	56	10238	0.634	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43862	3.937	ug/l #	49
38) Carbon Tetrachloride	7.67	117	59398	5.292	ug/l #	16
41) Methacrylonitrile	7.23	41	947	0.272	ug/l #	27
43) Isopropyl Acetate	8.18	43	39813	3.313	ug/l #	83
45) 1,2-Dichloropropane	9.27	63	2253	0.256	ug/l #	43
48) Methyl methacrylate	9.18	41	11656	2.032	ug/l #	12
51) 4-Methyl-2-Pentanone	10.03	43	10570	1.790	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	87768	6.716	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	14491	1.154	ug/l #	43
59) 2-Hexanone	10.77	43	192130	47.928	ug/l #	50
67) Ethyl Benzene	11.51	91	10442	0.270	ug/l	99
68) m/p-Xylenes	11.62	106	17455	1.184	ug/l	98
69) o-Xylene	11.94	106	6008	0.422	ug/l	94
71) Bromoform	12.40	173	3107	0.552	ug/l #	1
74) N-amyl acetate	11.88	43	22379	3.057	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	222313	39.962	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16383	0.649	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	222313	112.369	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	33965	1.320	ug/l	97
95) Naphthalene	15.13	128	9031	2.194	ug/l #	94

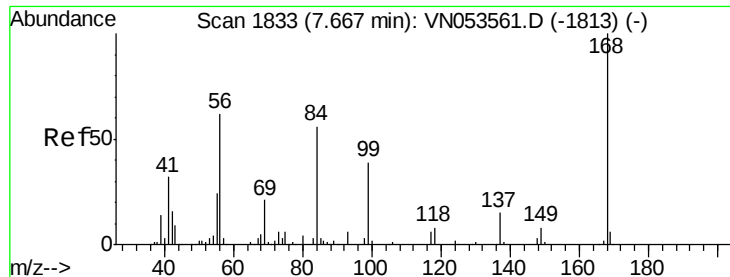
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Feb 13 04:14:31 2019
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: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

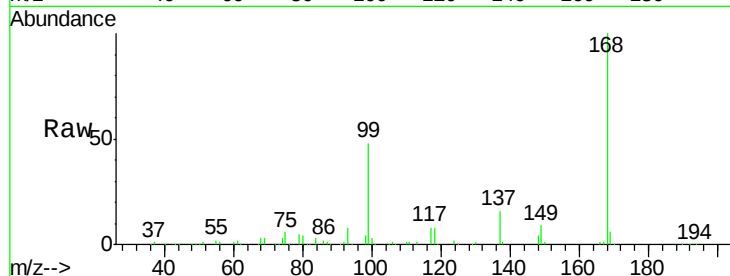
IDW-SOIL-04

Tot Ion:168 Resp: 752824

Ion Ratio Lower Upper

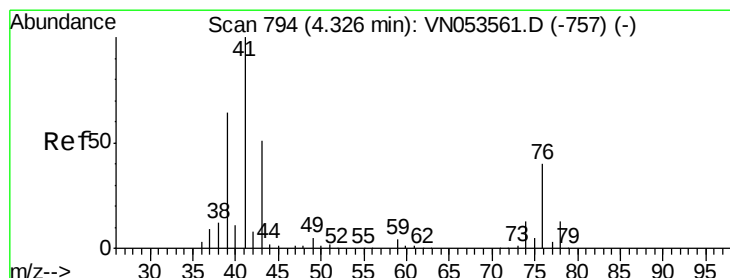
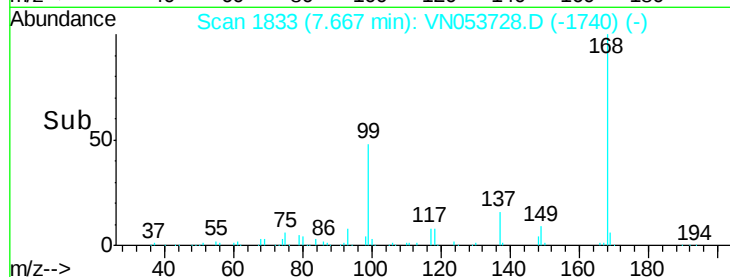
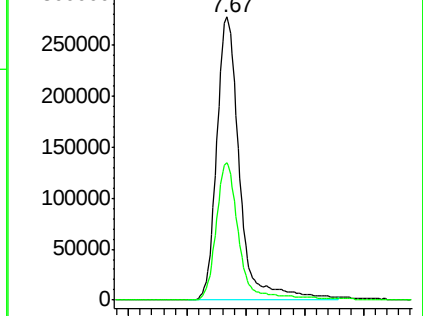
168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 0.648 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

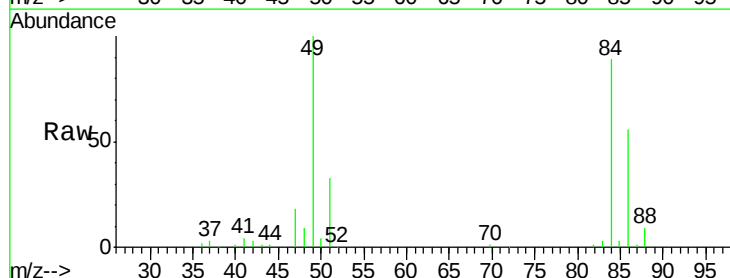
Tgt Ion: 41 Resp: 7191

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

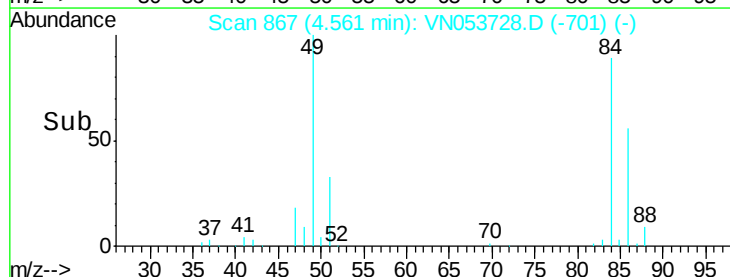
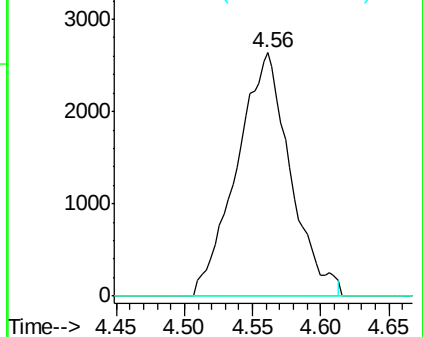
76 0.0 29.4 44.2#

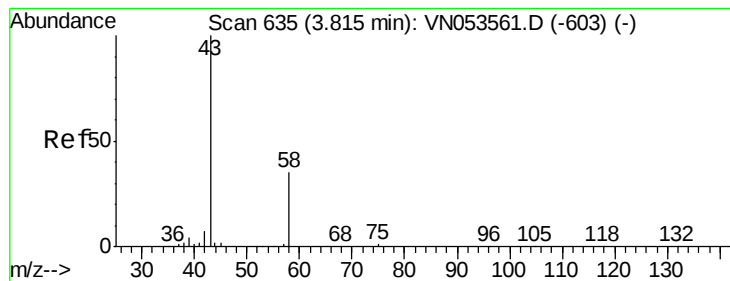


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 8.960 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

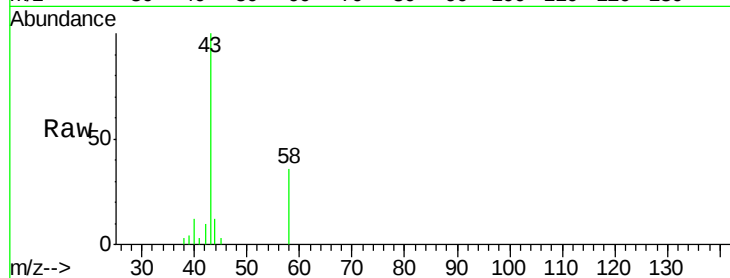
IDW-SOIL-04

Tot Ion: 43 Resp: 17358

Ion Ratio Lower Upper

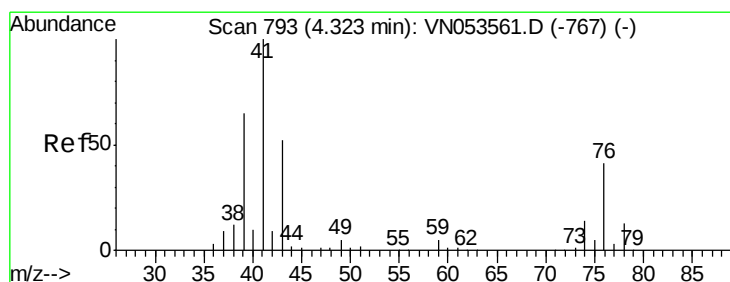
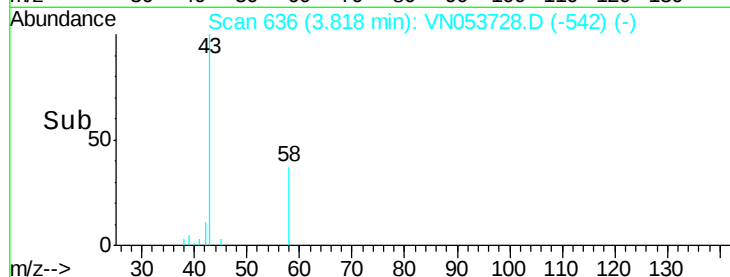
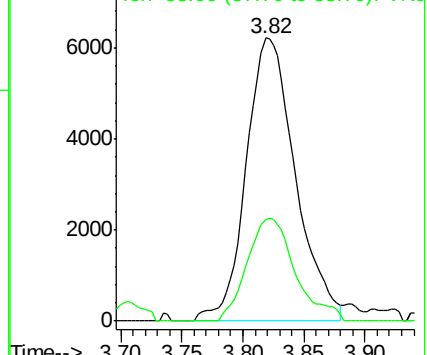
43 100

58 35.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.565 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053728.D

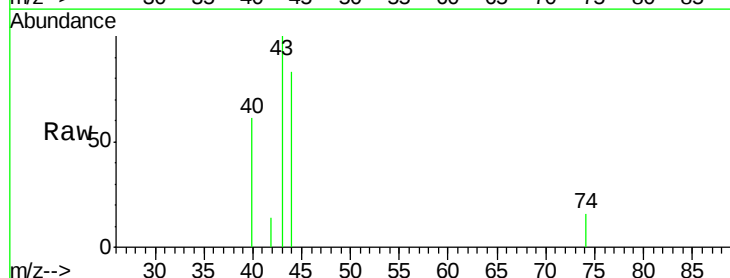
Acq: 12 Feb 2019 14:13

Tgt Ion: 43 Resp: 3243

Ion Ratio Lower Upper

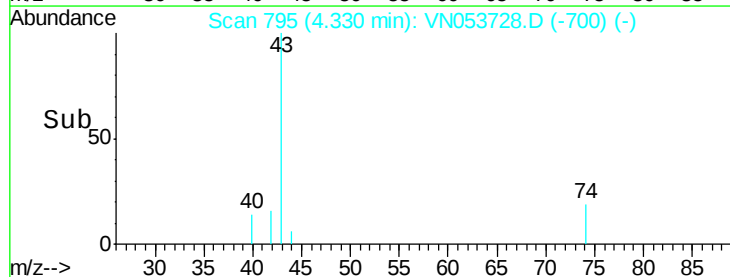
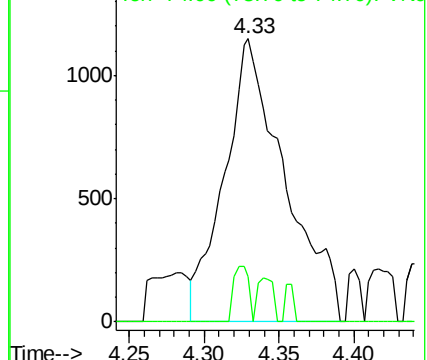
43 100

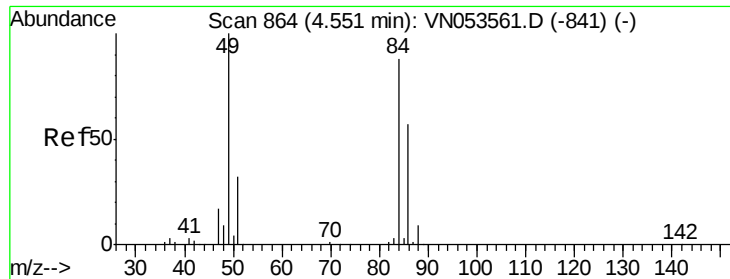
74 4.9 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

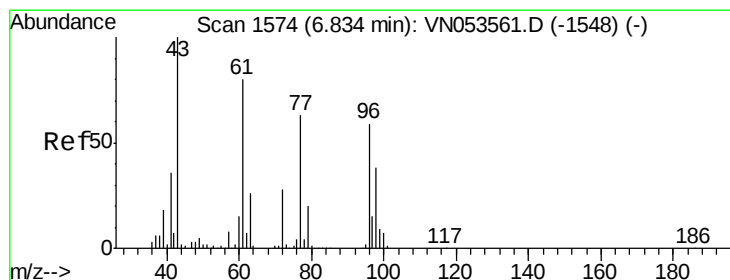
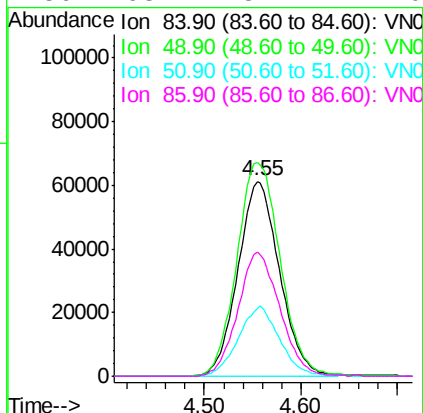
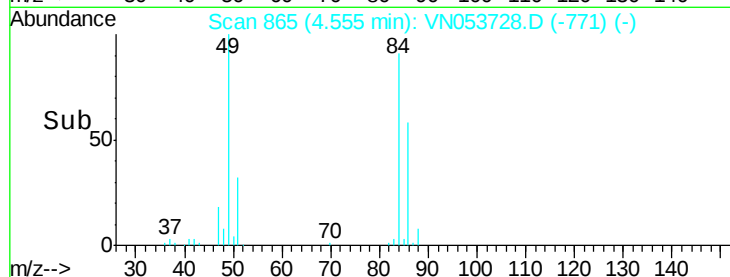
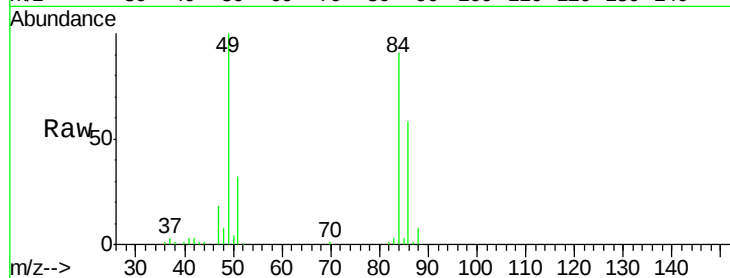




#20
Methvlene Chloride
Concen: 22.521 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053728.D
Acq: 12 Feb 2019 14:13

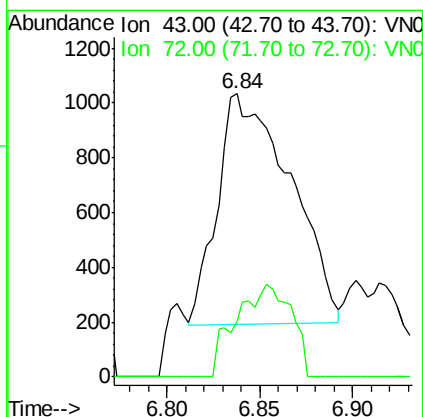
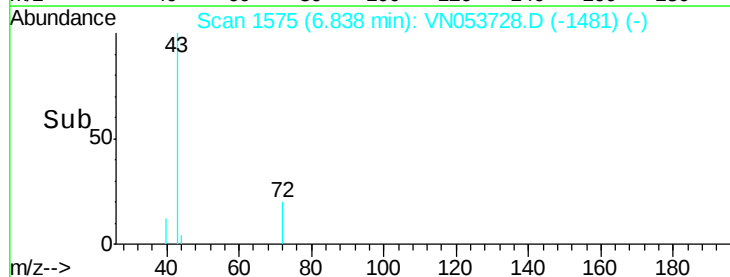
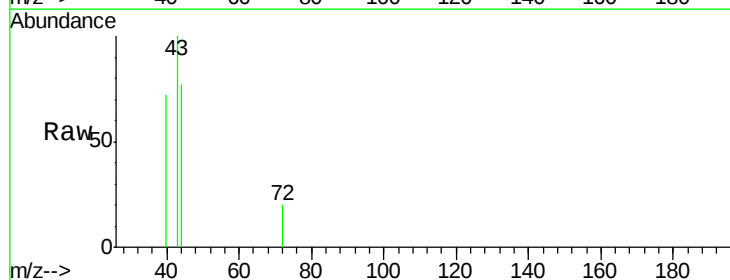
Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-04

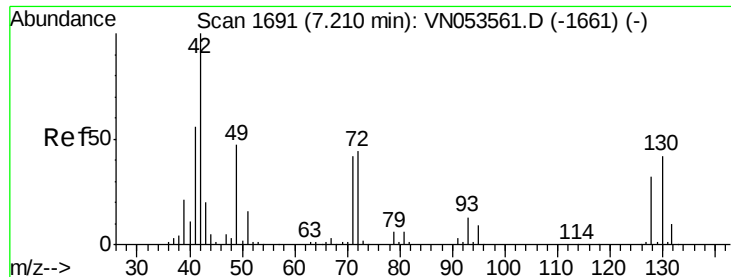
Tot Ion:	84	Resp:	183037
Ion	Ratio	Lower	Upper
84	100		
49	109.5	94.3	141.5
51	34.8	29.4	44.2
86	63.4	51.4	77.0



#25
2-Butanone
Concen: 0.833 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053728.D
Acq: 12 Feb 2019 14:13

Tgt Ion:	43	Resp:	2301
Ion	Ratio	Lower	Upper
43	100		
72	24.6	22.0	33.0

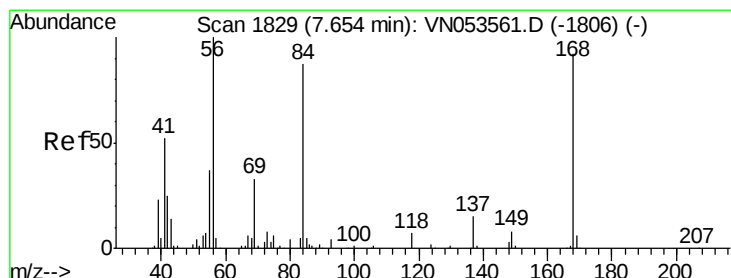
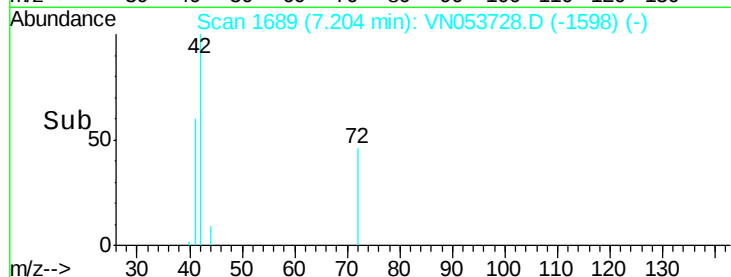
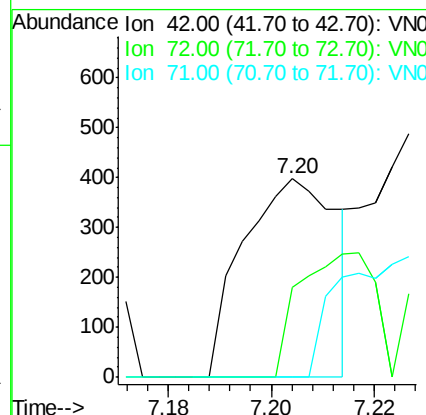
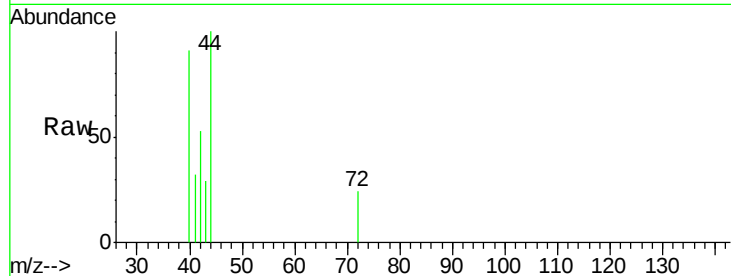




#29
Tetrahydrofuran
Concen: 0.282 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VN053728.D
Acq: 12 Feb 2019 14:13

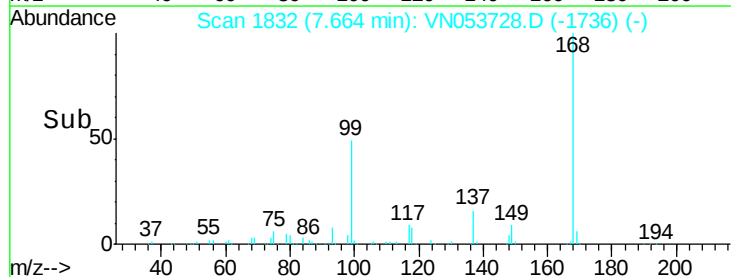
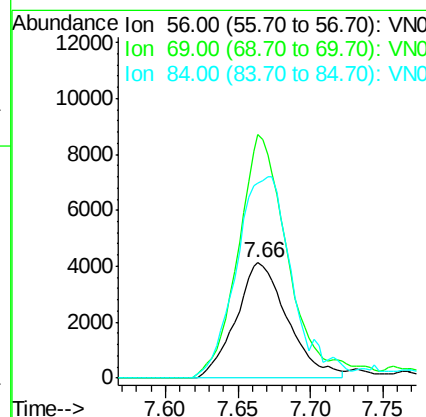
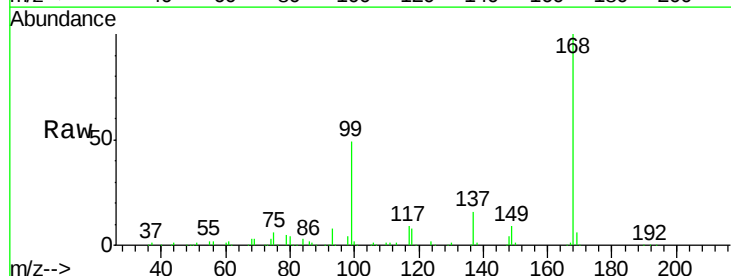
Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-04

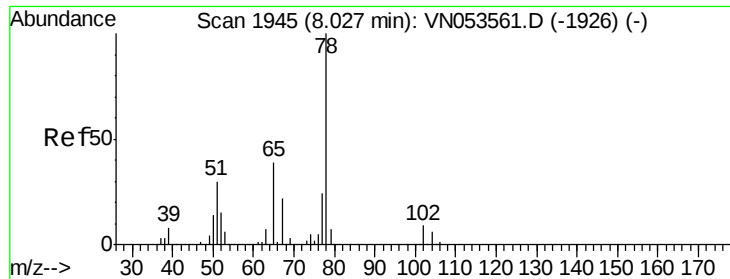
Tot Ion: 42 Resp: 500
Ion Ratio Lower Upper
42 100
72 50.0 35.2 52.8
71 0.0 33.0 49.4#



#31
Cyclohexane
Concen: 0.634 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053728.D
Acq: 12 Feb 2019 14:13

Tgt Ion: 56 Resp: 10238
Ion Ratio Lower Upper
56 100
69 211.7 26.4 39.6#
84 169.5 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 51.995 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

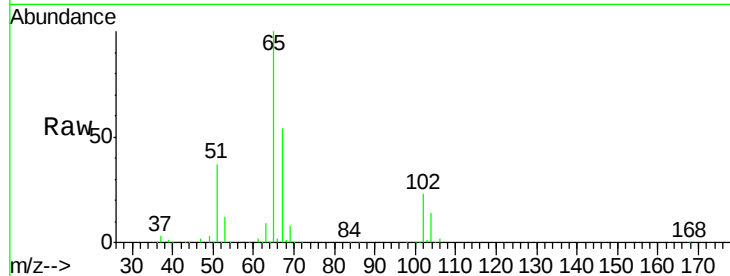
IDW-SOIL-04

Tot Ion: 65 Resp: 392677

Ion Ratio Lower Upper

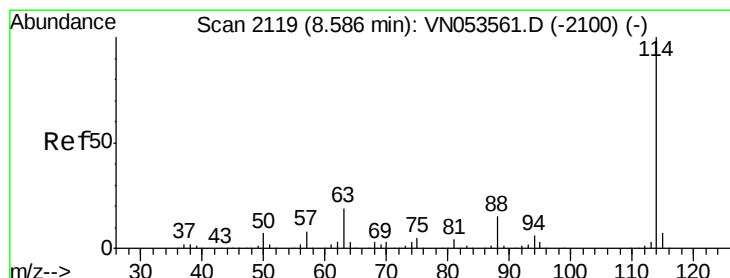
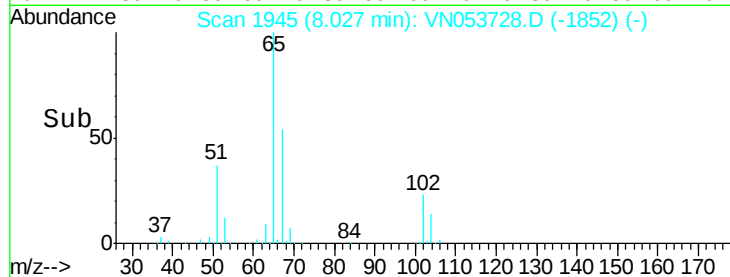
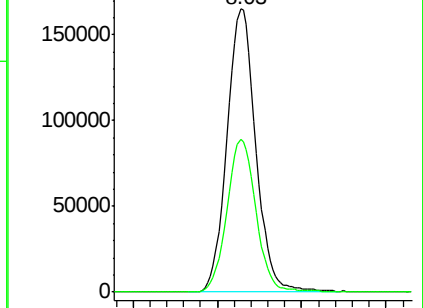
65 100

67 54.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053728.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053728.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: VN053728.D

Acq: 12 Feb 2019 14:13

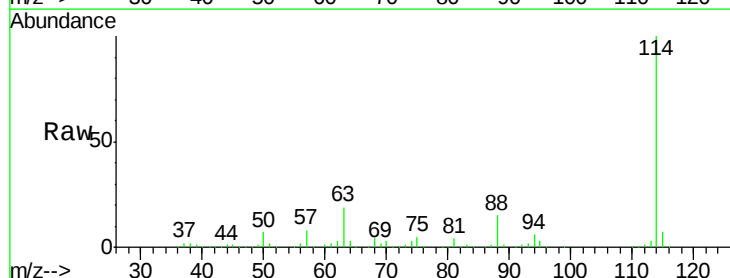
Tgt Ion: 114 Resp: 1235920

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

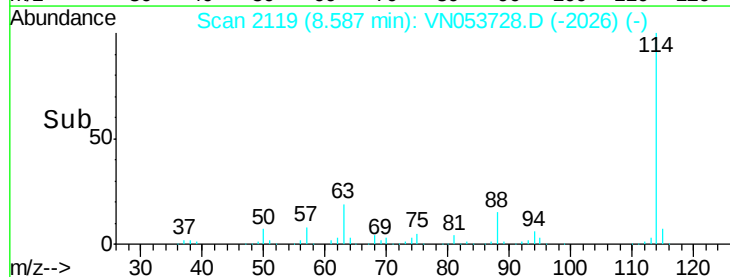
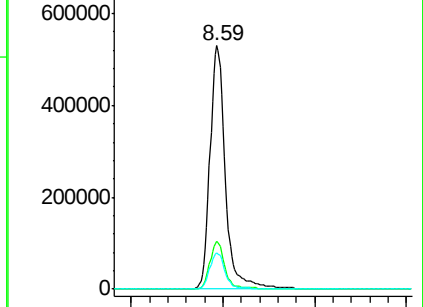
88 14.7 0.0 30.4

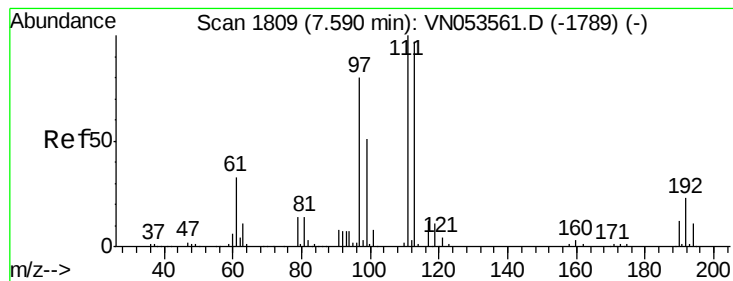


Abundance Ion 113.90 (113.60 to 114.60): VN053728.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053728.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053728.D (-2026) (-)





#35

Dibromofluoromethane

Concen: 50.586 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-04

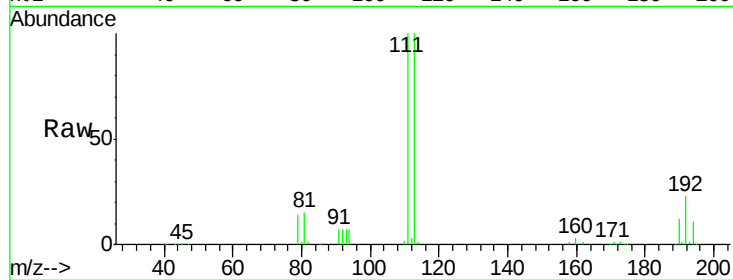
Tot Ion:113 Resp: 395044

Ion Ratio Lower Upper

113 100

111 100.5 81.1 121.7

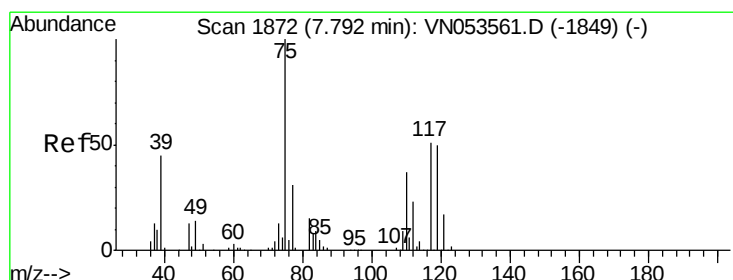
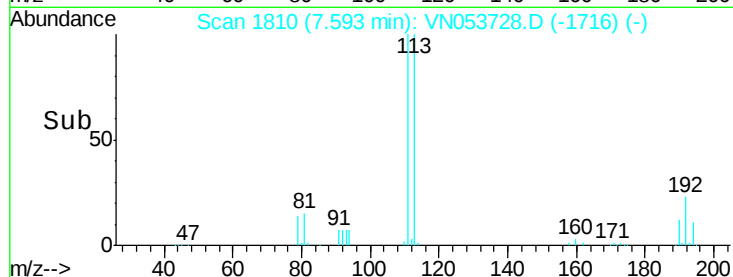
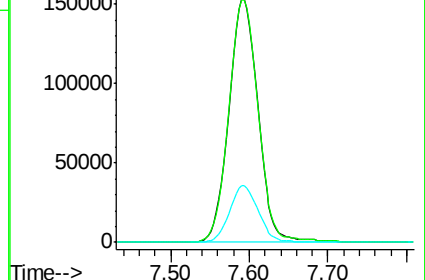
192 23.0 18.2 27.2



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: 3.937 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

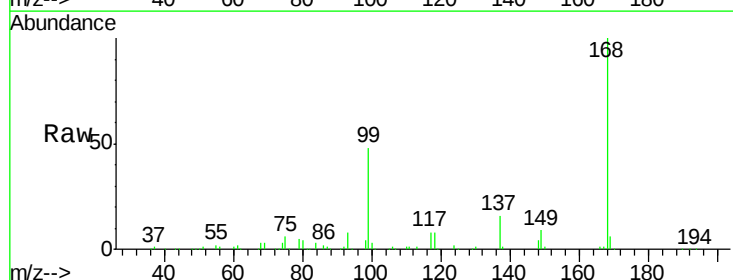
Tgt Ion: 75 Resp: 43862

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.3#

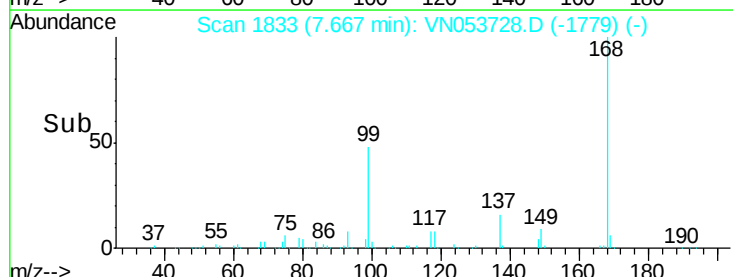
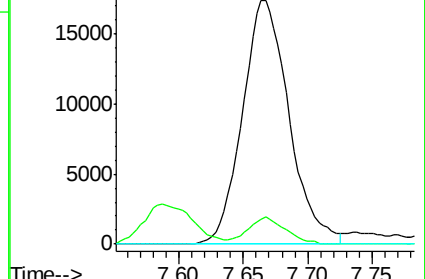
77 0.0 25.1 37.7#

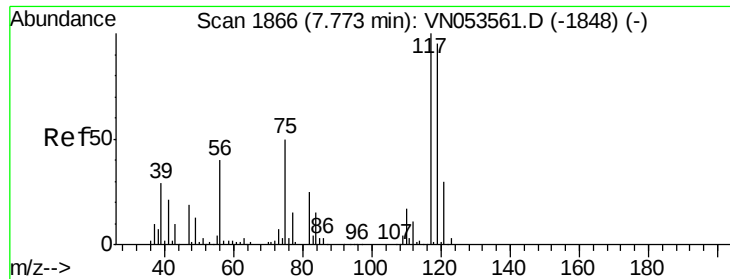


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.292 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-04

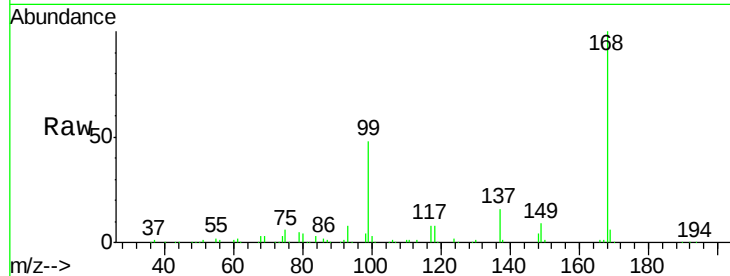
Tot Ion:117 Resp: 59398

Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

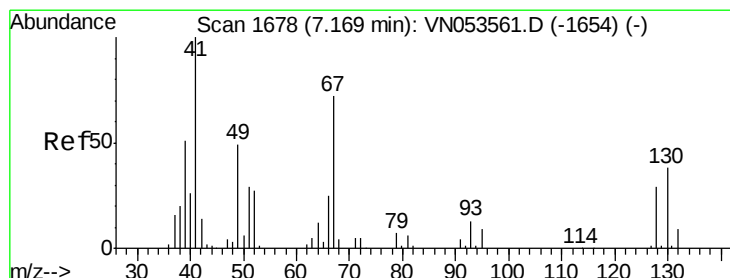
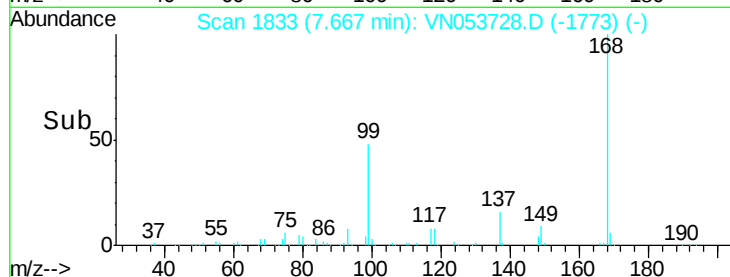
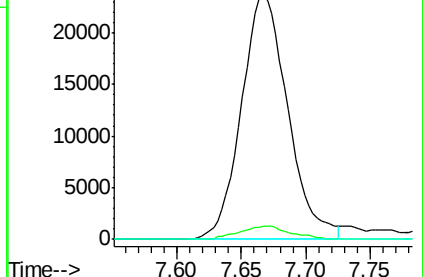
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.272 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.06 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Tgt Ion: 41 Resp: 947

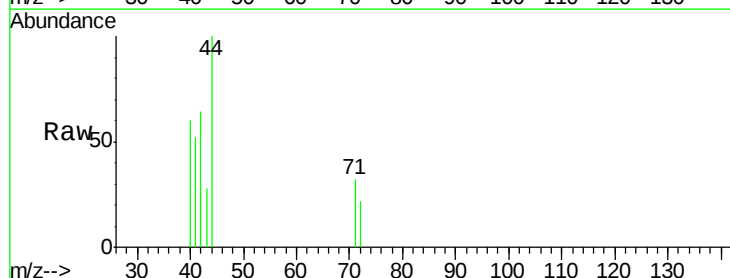
Ion Ratio Lower Upper

41 100

39 14.9 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

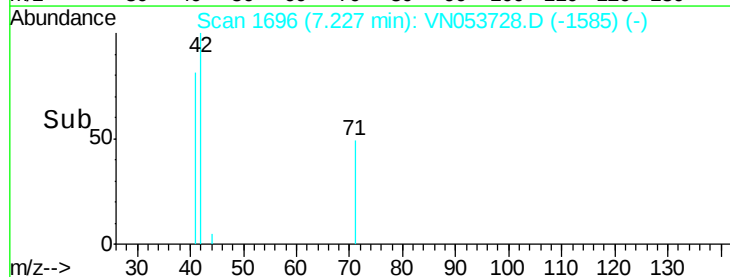
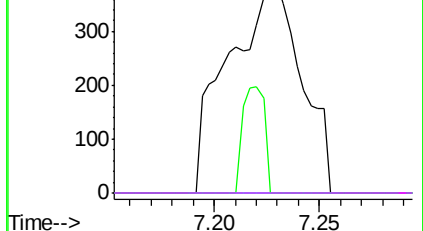


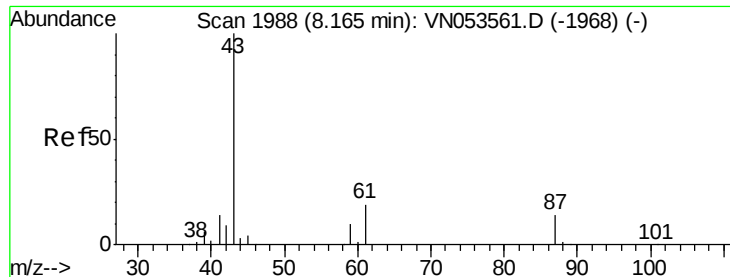
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 3.313 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-04

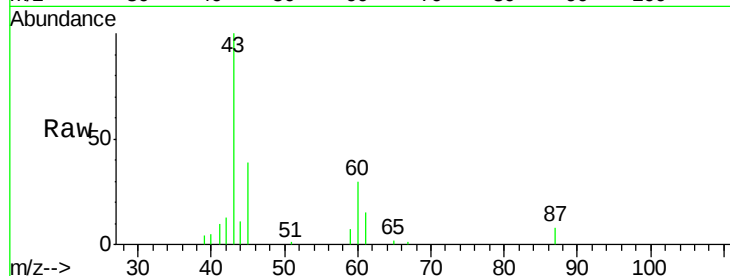
Tot Ion: 43 Resp: 39813

Ion Ratio Lower Upper

43 100

61 18.4 23.9 35.9#

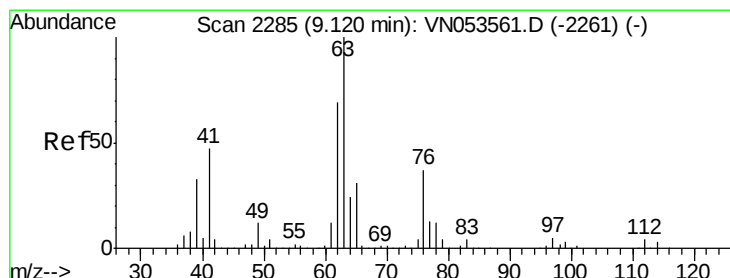
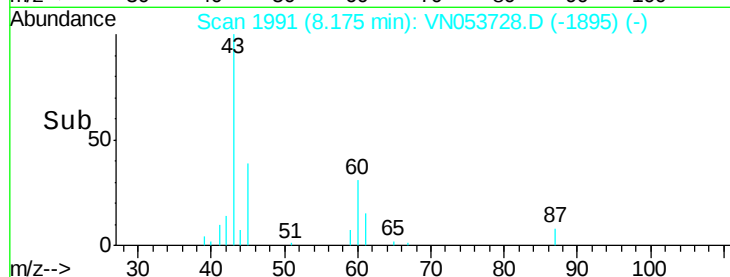
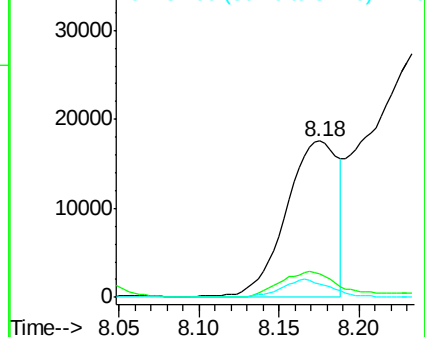
87 10.7 11.0 16.6#



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



#45

1,2-Dichloropropane

Concen: 0.256 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN053728.D

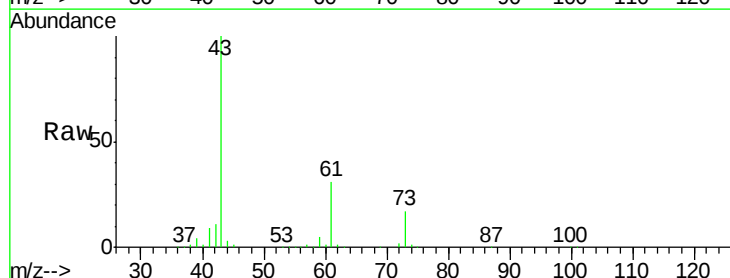
Acq: 12 Feb 2019 14:13

Tgt Ion: 63 Resp: 2253

Ion Ratio Lower Upper

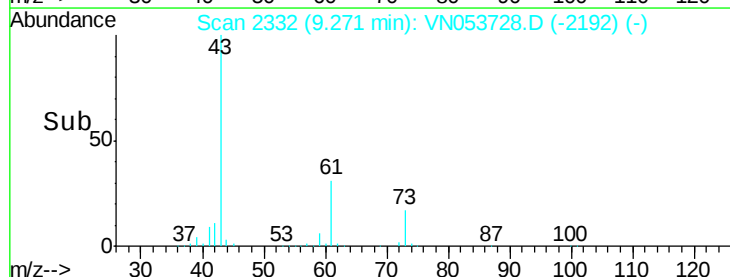
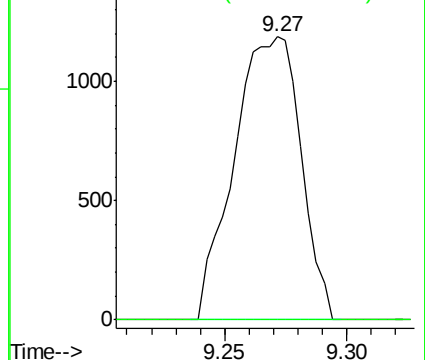
63 100

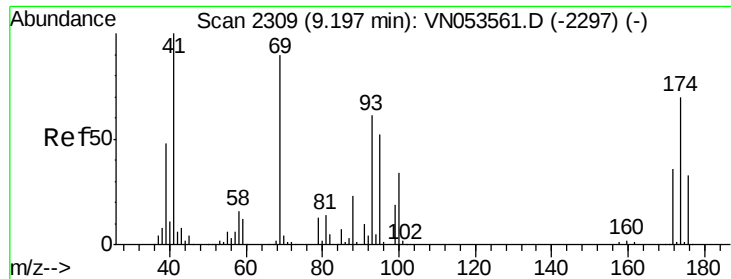
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

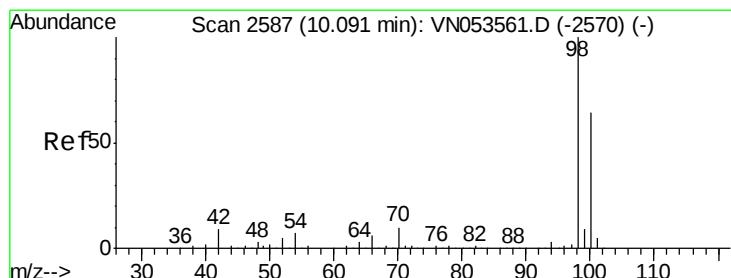
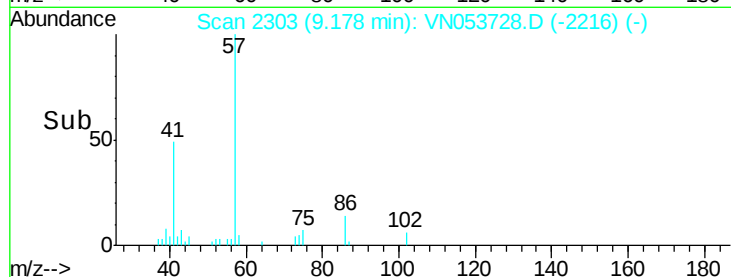
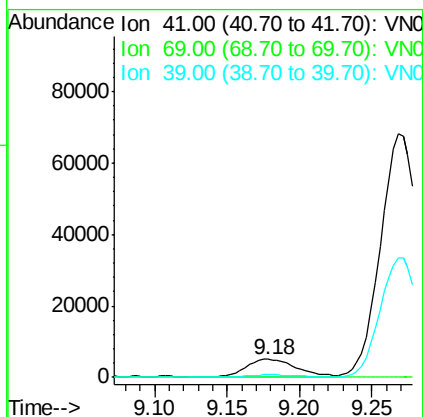
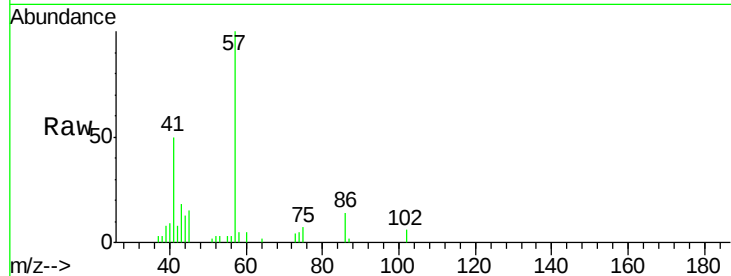




#48
Methvl methacrylate
Concen: 2.032 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053728.D
Acq: 12 Feb 2019 14:13

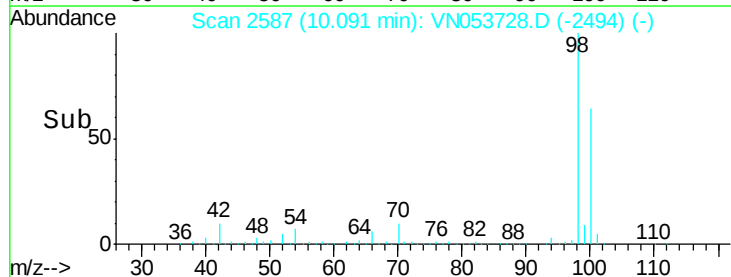
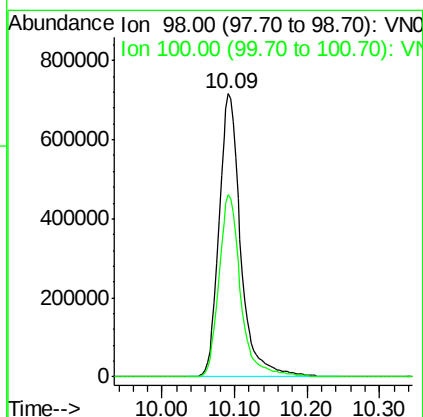
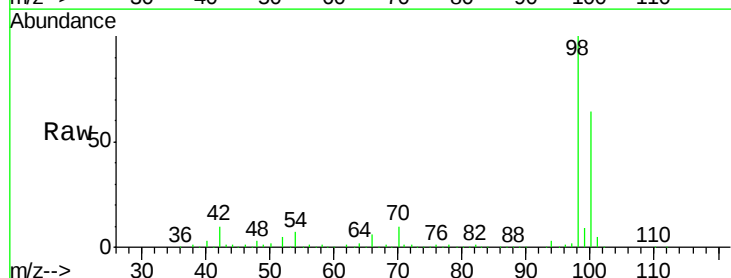
Instrument :
MSVOA_N
ClientSampled :
IDW-SOIL-04

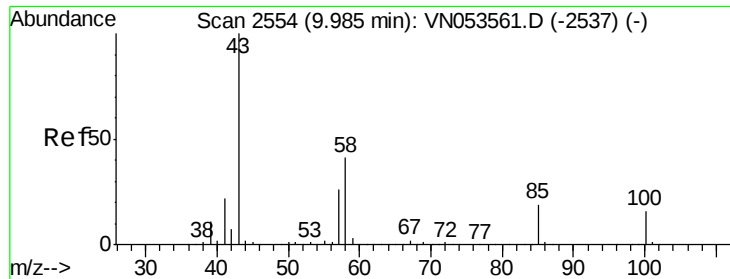
Tot Ion: 41 Resp: 11656
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#50
Toluene-d8
Concen: 50.637 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053728.D
Acq: 12 Feb 2019 14:13

Tgt Ion: 98 Resp: 1484815
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.790 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

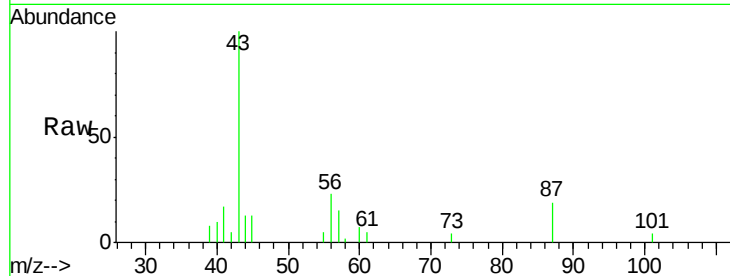
IDW-SOIL-04

Tot Ion: 43 Resp: 10570

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.03

8000

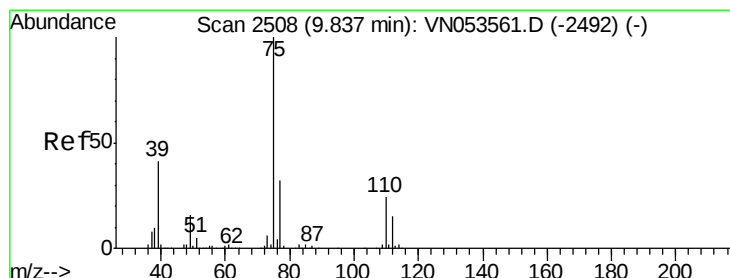
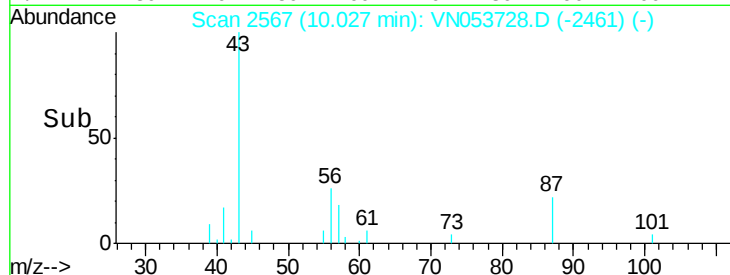
6000

4000

2000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.716 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

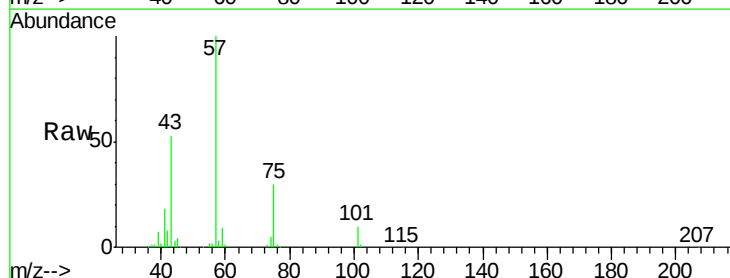
Tgt Ion: 75 Resp: 87768

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 24.7 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.90

60000

50000

40000

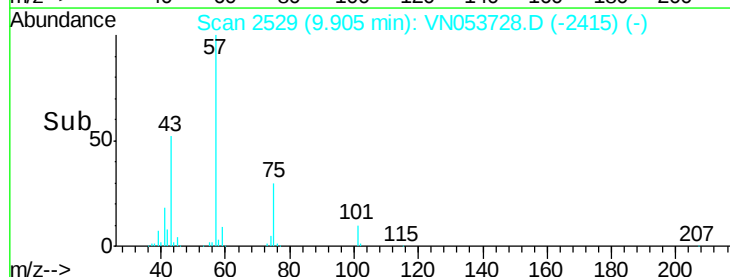
30000

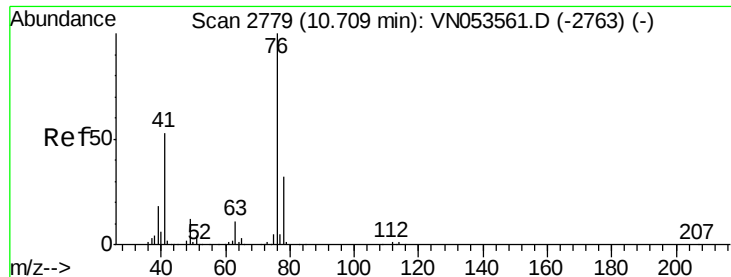
20000

10000

0

Time-->

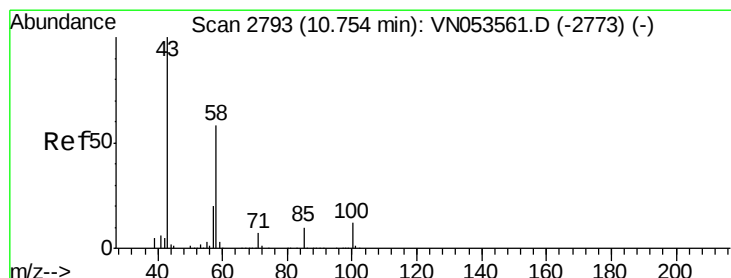
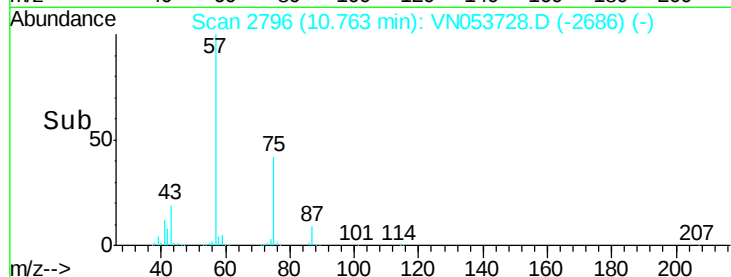
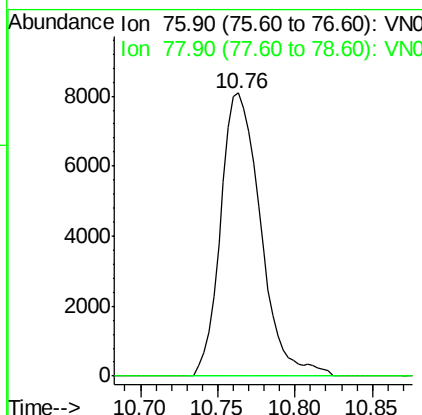
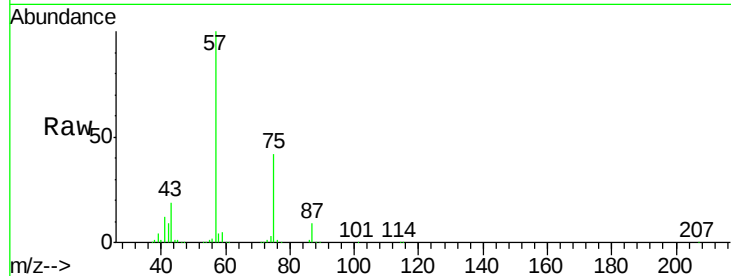




#57
 1,3-Dichloropropane
 Concen: 1.154 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053728.D
 Acq: 12 Feb 2019 14:13

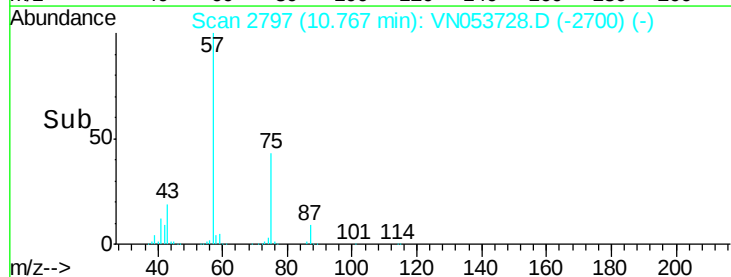
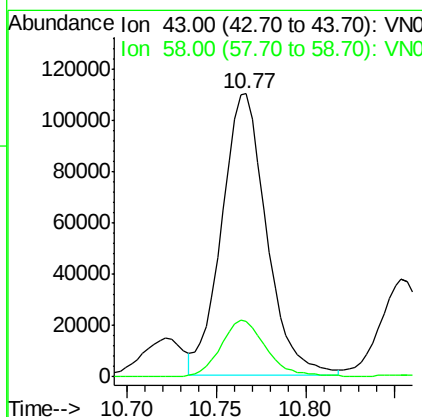
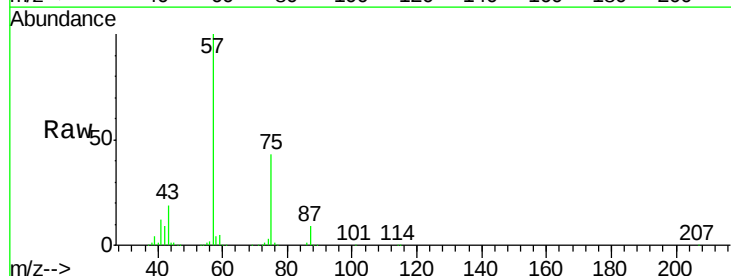
Instrument :
 MSVOA_N
 ClientSampled :
 IDW-SOIL-04

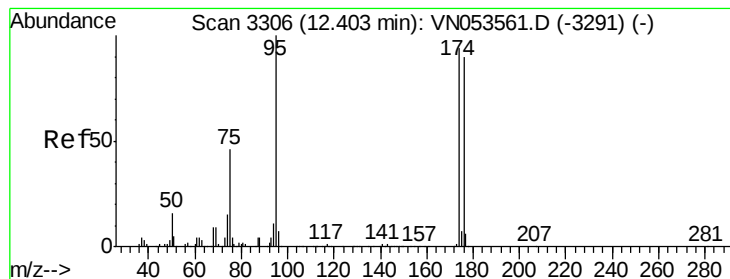
Tot Ion: 76 Resp: 14491
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 47.928 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN053728.D
 Acq: 12 Feb 2019 14:13

Tgt Ion: 43 Resp: 192130
 Ion Ratio Lower Upper
 43 100
 58 20.7 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 48.720 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-04

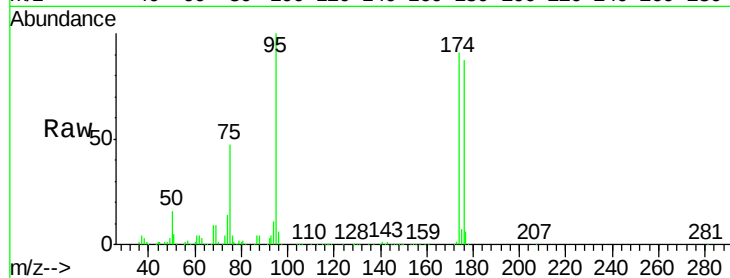
Tot Ion: 95 Resp: 476469

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.2

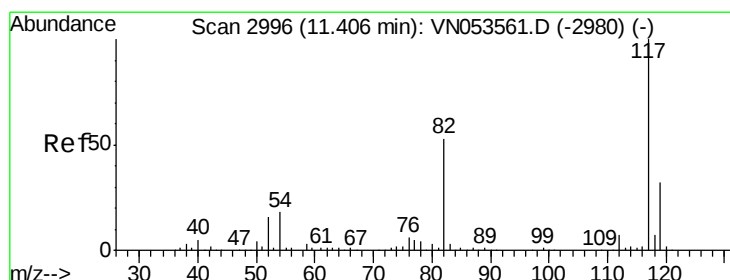
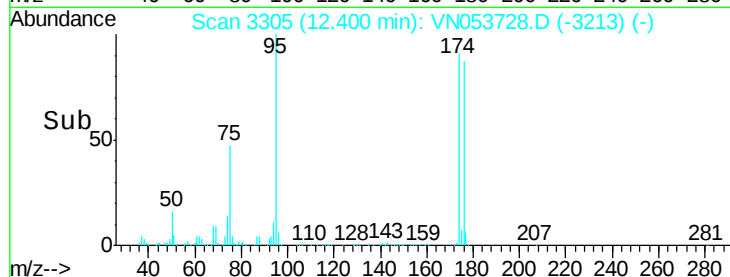
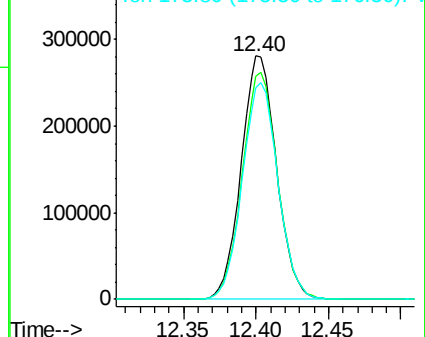
176 89.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

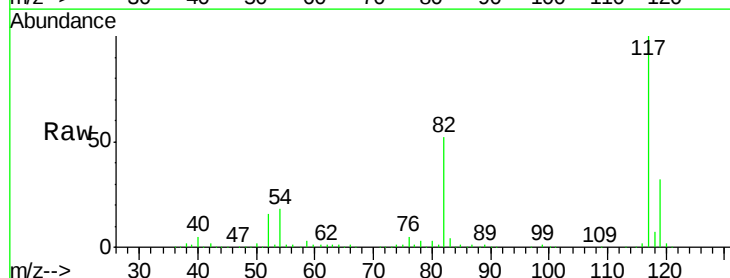
Tgt Ion: 117 Resp: 1106707

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

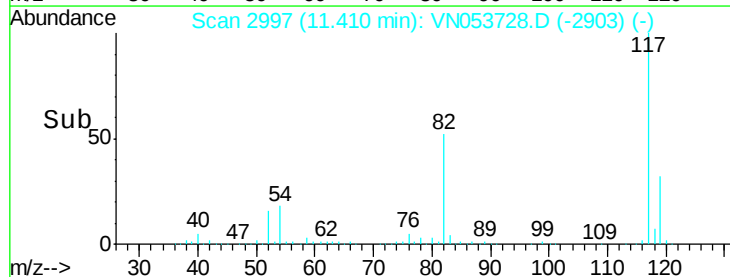
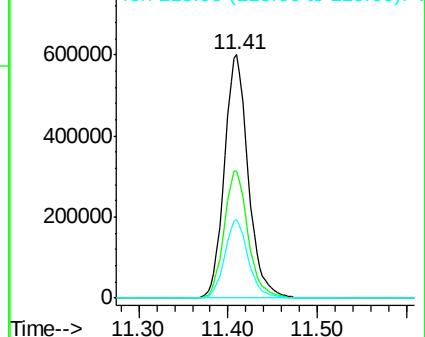
119 32.3 26.0 39.0

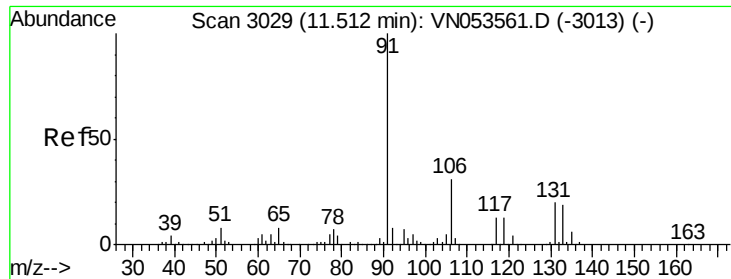


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#67

Ethyl Benzene

Concen: 0.270 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

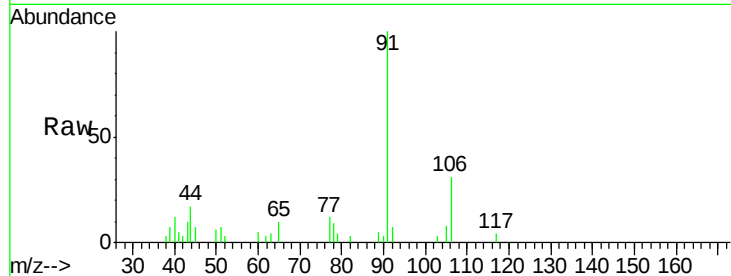
IDW-SOIL-04

Tot Ion: 91 Resp: 10442

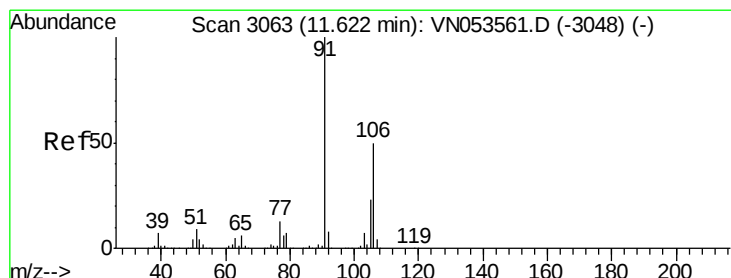
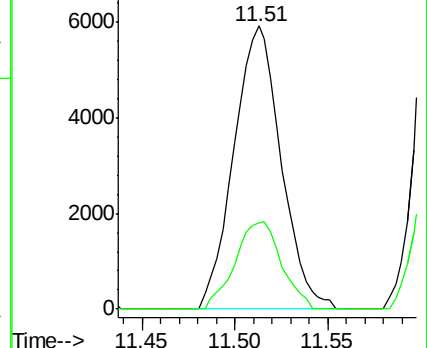
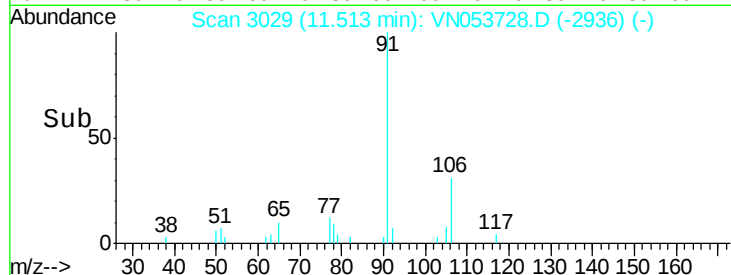
Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN053728.D (-2936) (-)



#68

m/p-Xylenes

Concen: 1.184 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053728.D

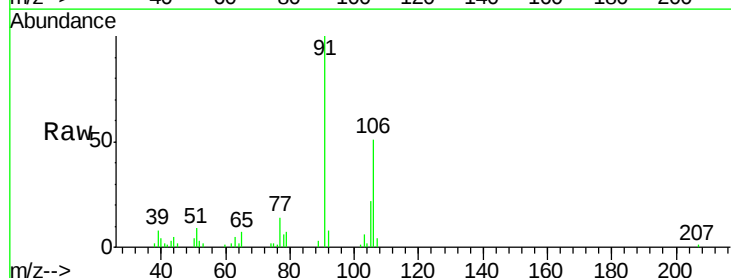
Acq: 12 Feb 2019 14:13

Tgt Ion: 106 Resp: 17455

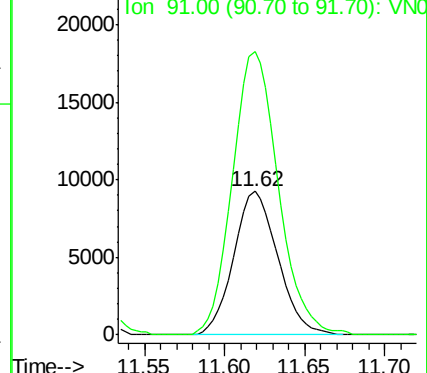
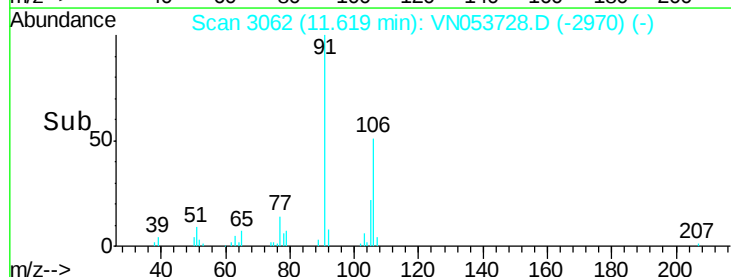
Ion Ratio Lower Upper

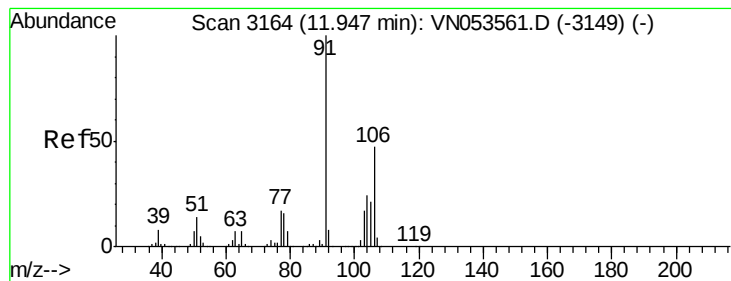
106 100

91 204.6 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): VN053728.D (-2970) (-)





#69

o-Xylene

Concen: 0.422 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

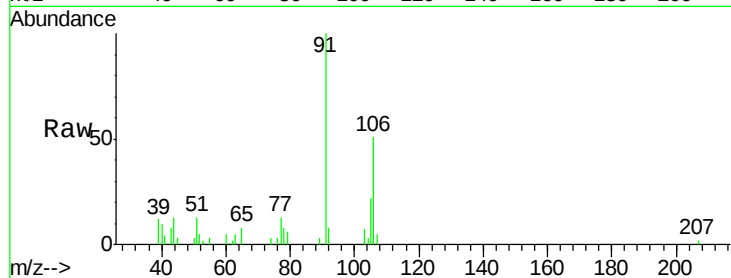
IDW-SOIL-04

Tot Ion:106 Resp: 6008

Ion Ratio Lower Upper

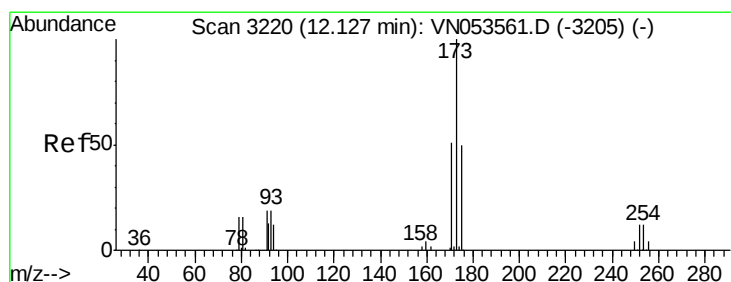
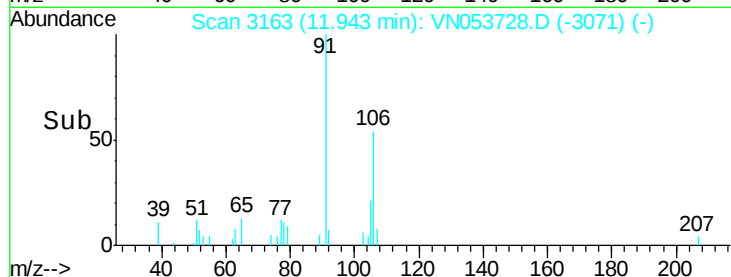
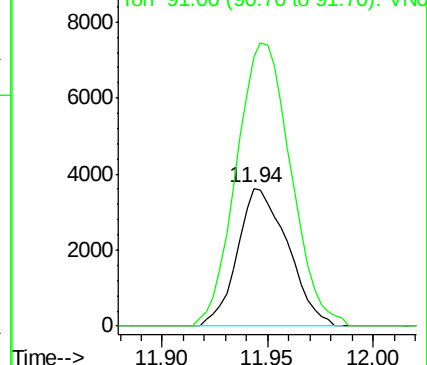
106 100

91 222.8 106.9 320.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.552 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

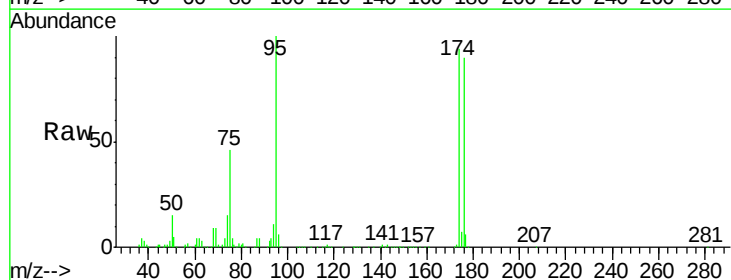
Tgt Ion:173 Resp: 3107

Ion Ratio Lower Upper

173 100

175 903.4 24.6 74.0#

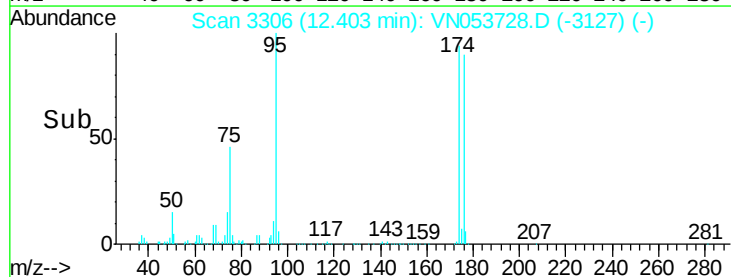
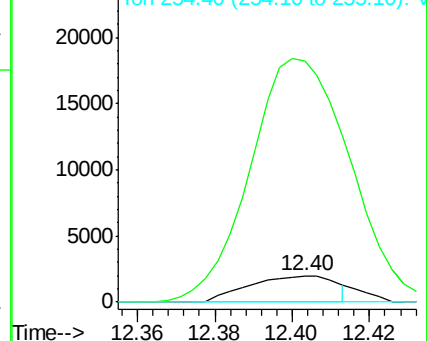
254 0.0 0.2 0.2#

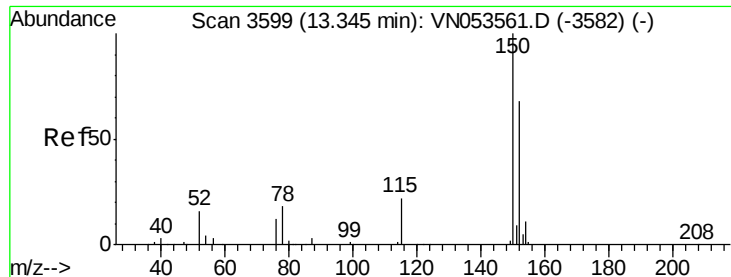


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-04

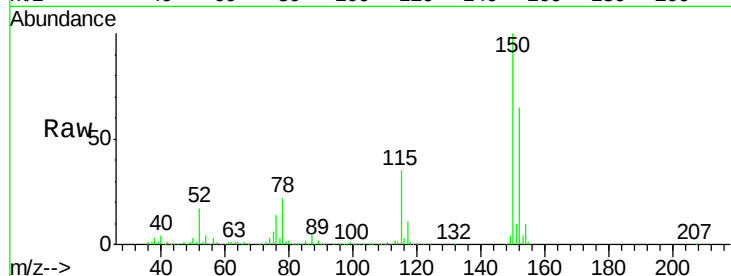
Tot Ion:152 Resp: 433119

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

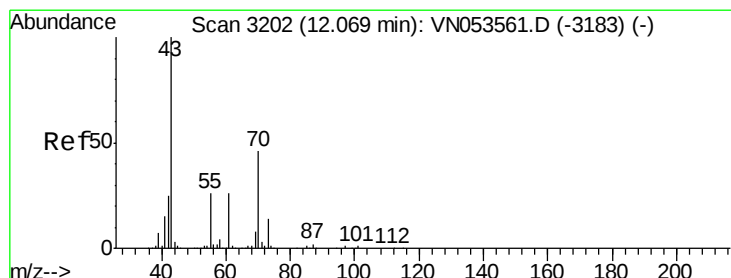
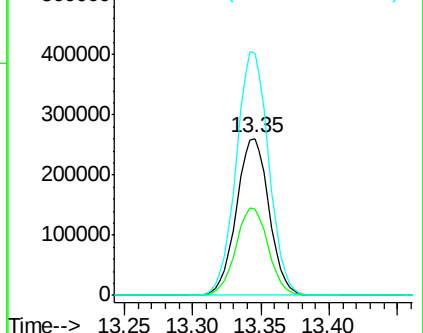
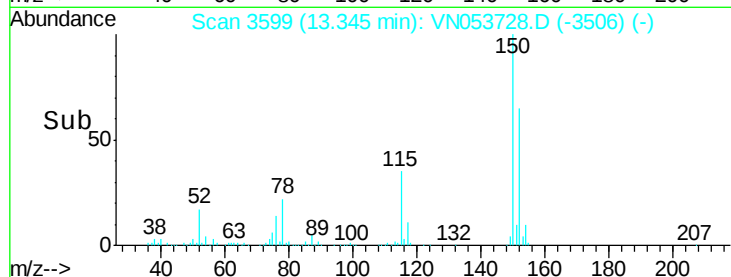
150 155.1 0.0 349.0



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



#74

N-ethyl acetate

Concen: 3.057 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Tgt Ion: 43 Resp: 22379

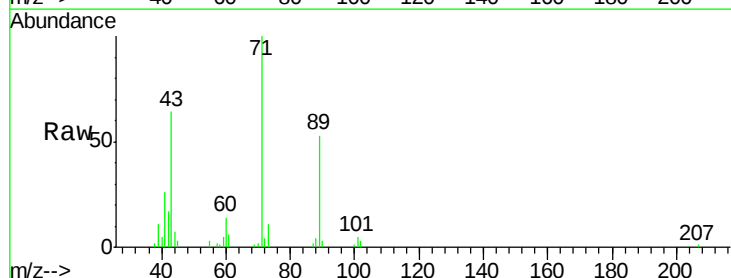
Ion Ratio Lower Upper

43 100

70 2.1 35.4 53.2#

55 5.1 20.9 31.3#

61 11.4 20.5 30.7#

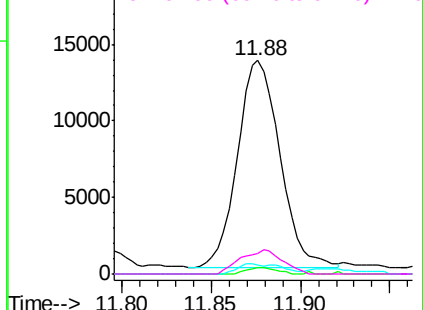
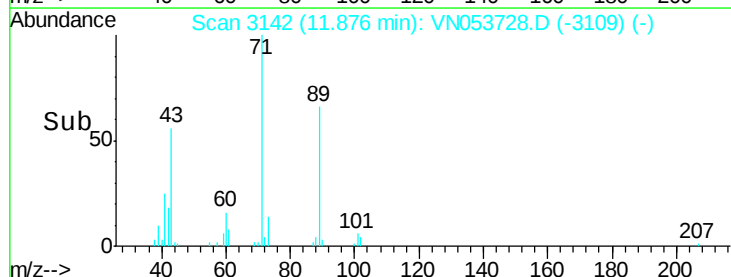


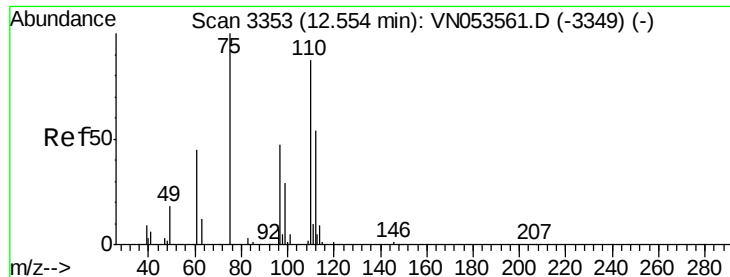
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 39.962 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

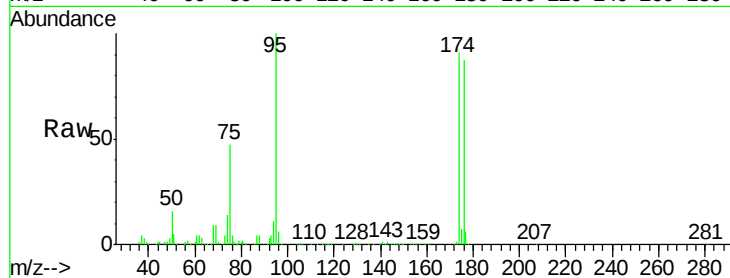
IDW-SOIL-04

Tot Ion: 75 Resp: 222313

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

150000

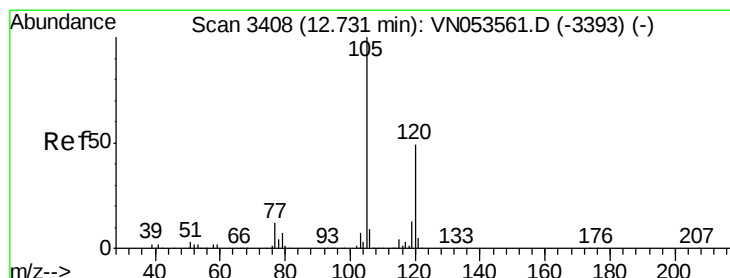
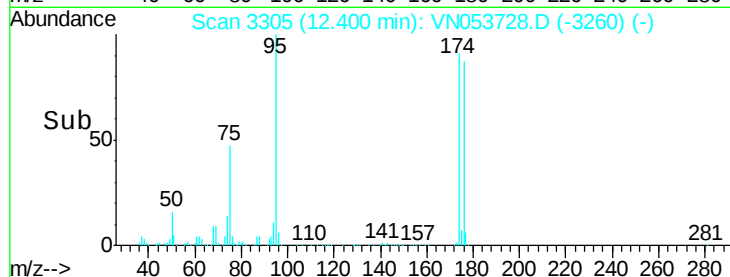
100000

50000

0

Time-->

12.35 12.40 12.45 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.649 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053728.D

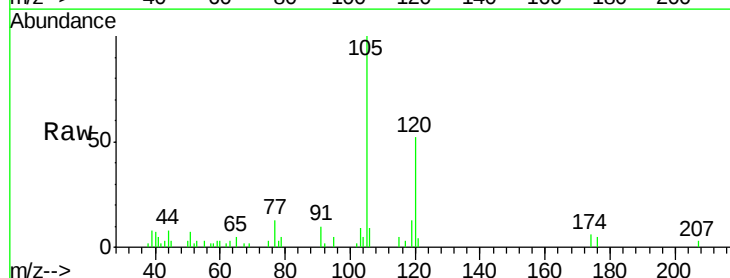
Acq: 12 Feb 2019 14:13

Tgt Ion: 105 Resp: 16383

Ion Ratio Lower Upper

105 100

120 52.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

12000

10000

8000

6000

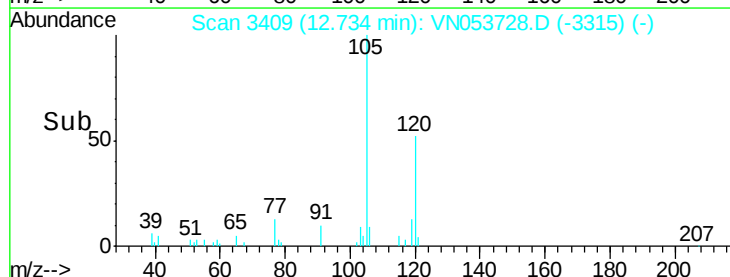
4000

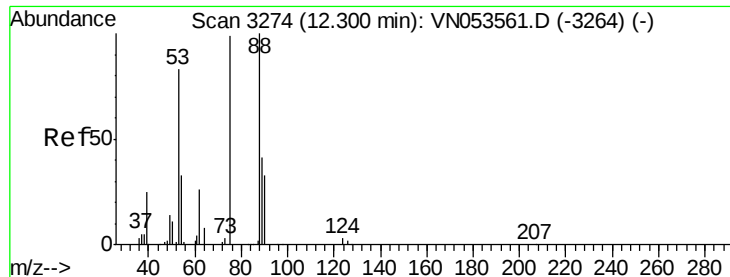
2000

0

Time-->

12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 112.369 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

IDW-SOIL-04

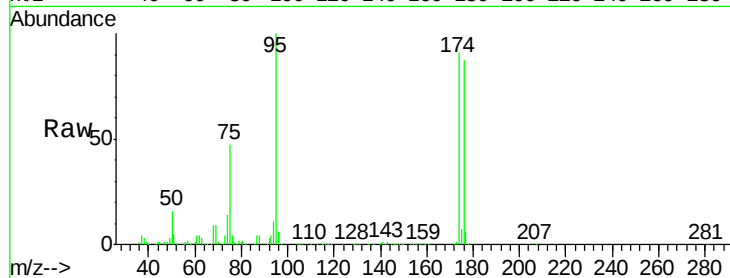
Tot Ion: 75 Resp: 222313

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

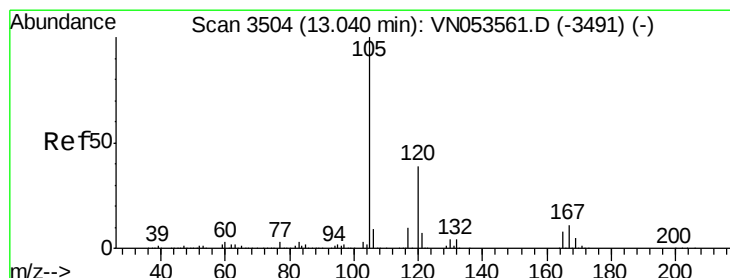
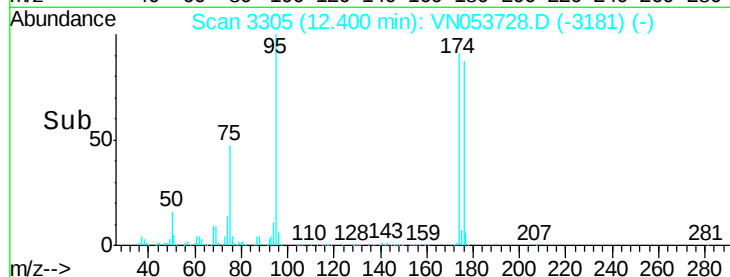
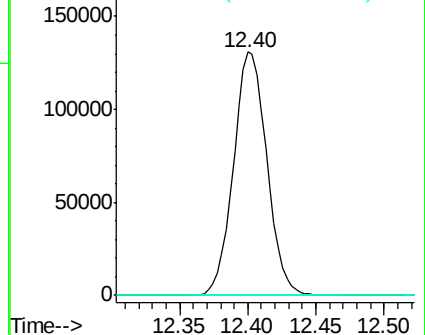
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 1.320 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053728.D

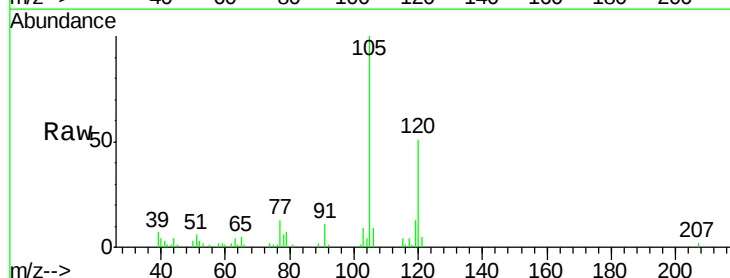
Acq: 12 Feb 2019 14:13

Tgt Ion: 105 Resp: 33965

Ion Ratio Lower Upper

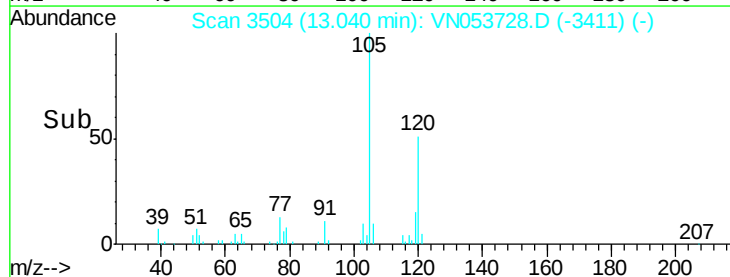
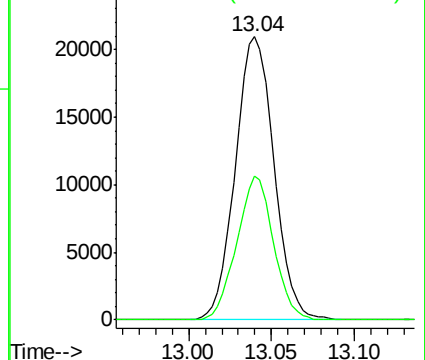
105 100

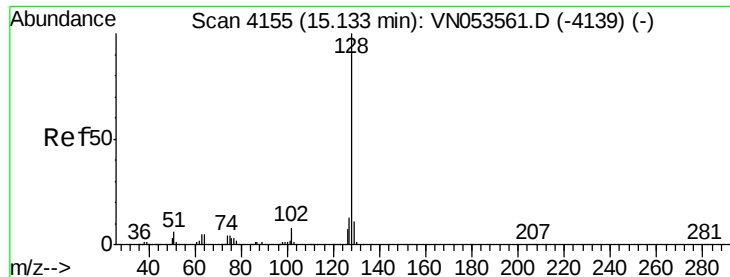
120 48.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.194 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053728.D

Acq: 12 Feb 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

IDW-SOIL-04

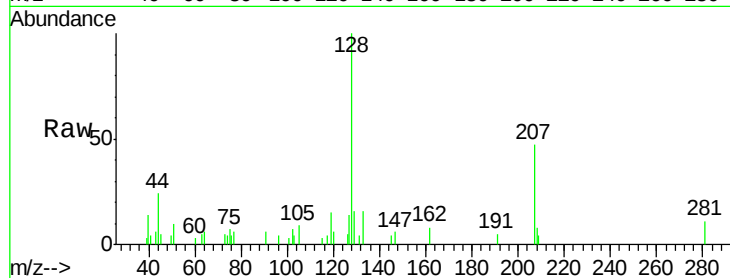
Tot Ion:128 Resp: 9031

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 15.8 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

