

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053086.D
 Acq On : 21 Dec 2018 5:16
 Operator : MD\SY
 Sample : J6493-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

Quant Time: Dec 21 07:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1286860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1989107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1730570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	721673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	645002	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	7.59	113	544681	59.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.90%	
50) Toluene-d8	10.09	98	2394950	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	783492	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

Target Compounds

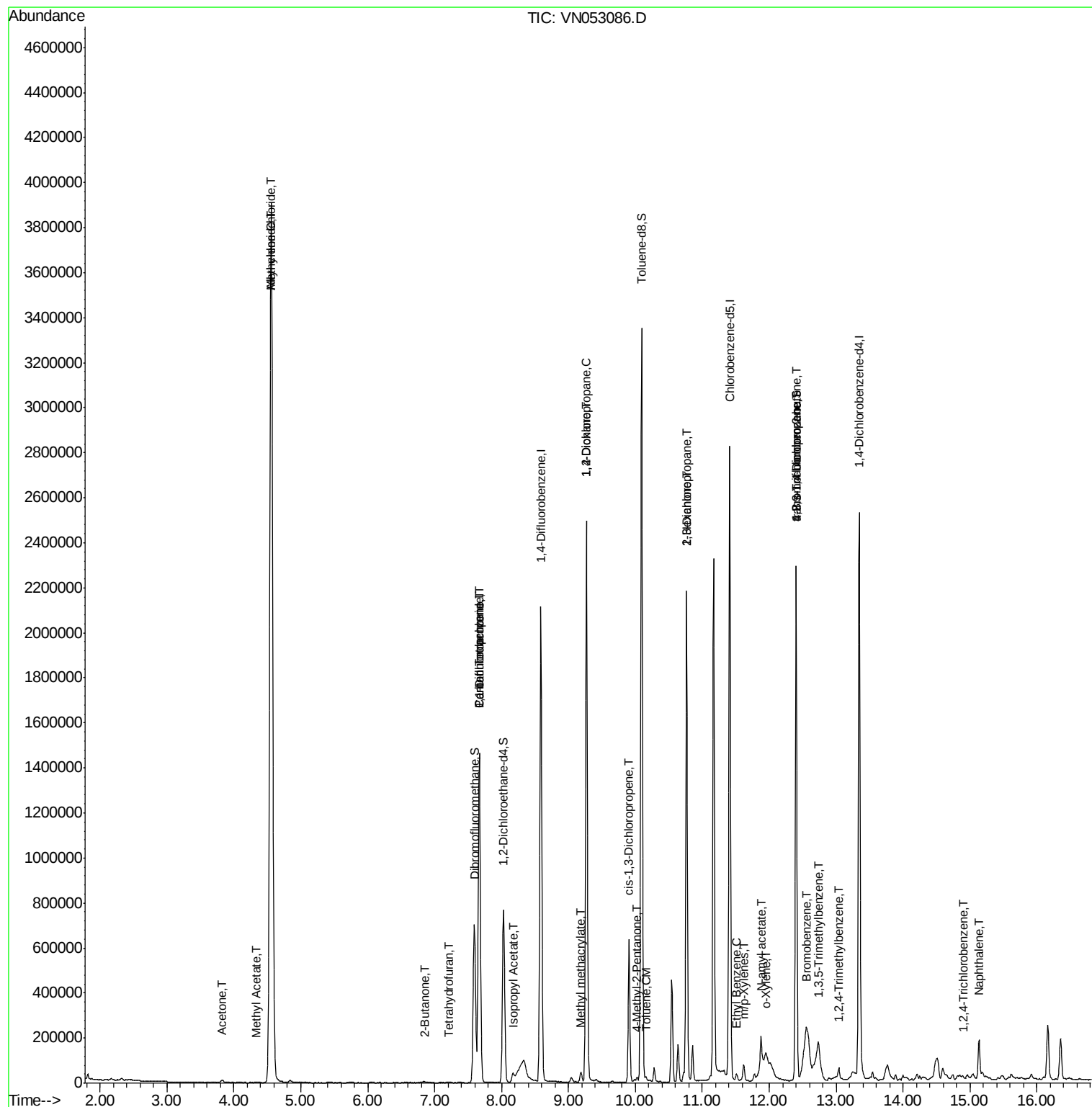
						Qvalue
14) Allyl chloride	4.55	41	107672	5.667	ug/l #	24
16) Acetone	3.82	43	22509	8.791	ug/l	98
18) Methyl Acetate	4.34	43	4984	1.412	ug/l #	72
20) Methylene Chloride	4.56	84	3053533	218.622	ug/l	98
25) 2-Butanone	6.84	43	2187	0.509	ug/l #	87
29) Tetrahydrofuran	7.22	42	1857	0.579	ug/l #	76
31) Cyclohexane	7.67	56	20961	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	83464	4.372	ug/l #	48
38) Carbon Tetrachloride	7.67	117	110357	6.306	ug/l #	16
43) Isopropyl Acetate	8.17	43	53191	1.567	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	3137	0.212	ug/l #	44
48) Methyl methacrylate	9.18	41	15256	1.475	ug/l #	12
49) 1,4-Dioxane	9.27	88	188	1.437	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	17348	1.681	ug/l #	35
52) Toluene	10.16	92	7794	0.221	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	120929	5.470	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	23591	1.120	ug/l #	42
59) 2-Hexanone	10.76	43	307003	43.962	ug/l #	50
67) Ethyl Benzene	11.51	91	20019	0.303	ug/l	95
68) m/p-Xylenes	11.62	106	23001	0.917	ug/l	100
69) o-Xylene	11.95	106	7621	0.317	ug/l	90
74) N-amyl acetate	11.88	43	37512	2.393	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	364096	29.970	ug/l #	100
77) Bromobenzene	12.56	156	327210	22.293	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	18565	0.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	364096	96.597	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	30522	0.660	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	349	0.623	ug/l #	1
95) Naphthalene	15.14	128	161243	6.699	ug/l	99

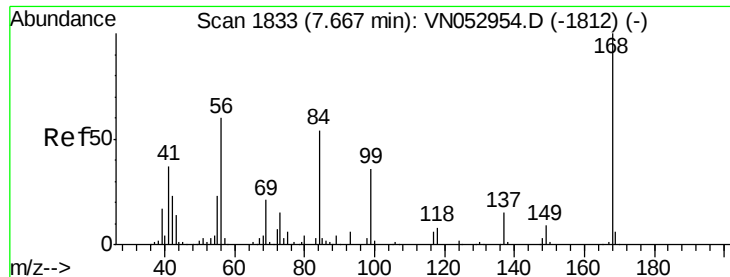
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

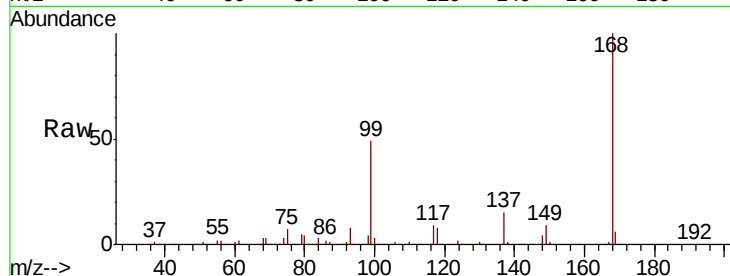
SOIL-DRUM

Tot Ion:168 Resp: 1286860

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

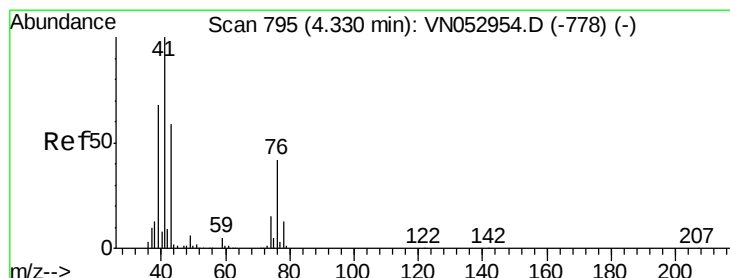
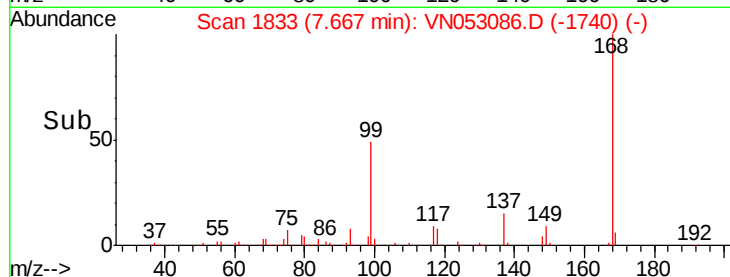
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 5.667 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

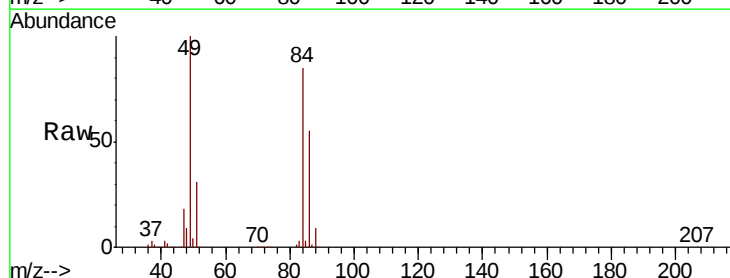
Tgt Ion: 41 Resp: 107672

Ion Ratio Lower Upper

41 100

39 0.3 54.1 81.1#

76 0.0 30.3 45.5#



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

4.55

40000

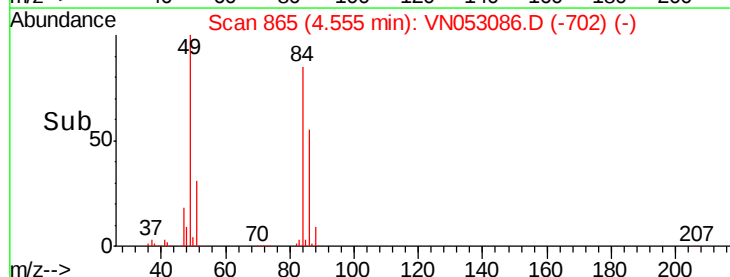
30000

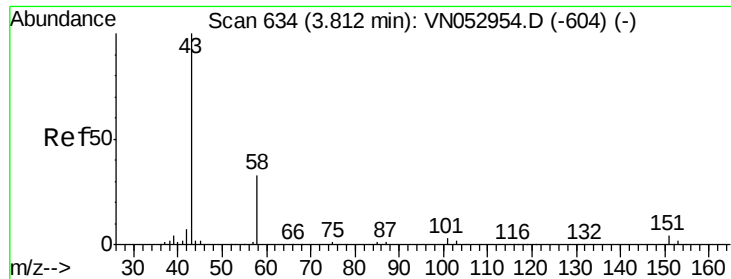
20000

10000

0

Time-->





#16

Acetone

Concen: 8.791 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampled :

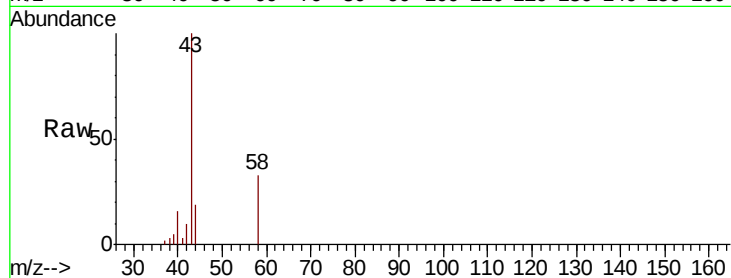
SOIL-DRUM

Tot Ion: 43 Resp: 22509

Ion Ratio Lower Upper

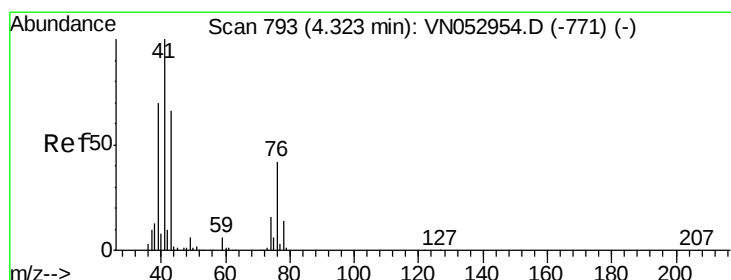
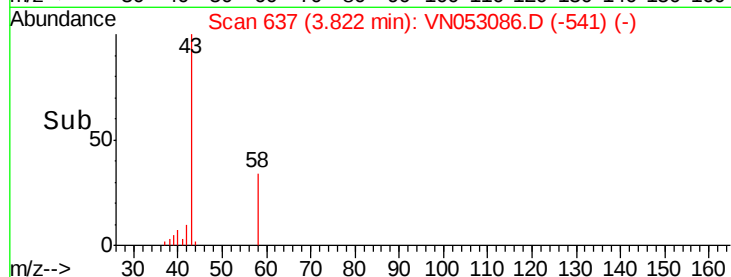
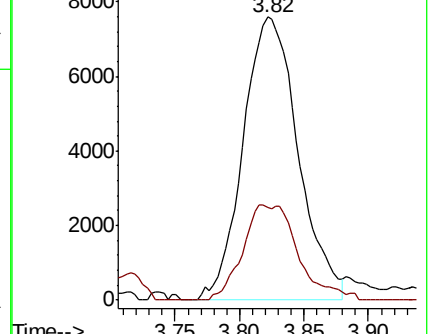
43 100

58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.412 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053086.D

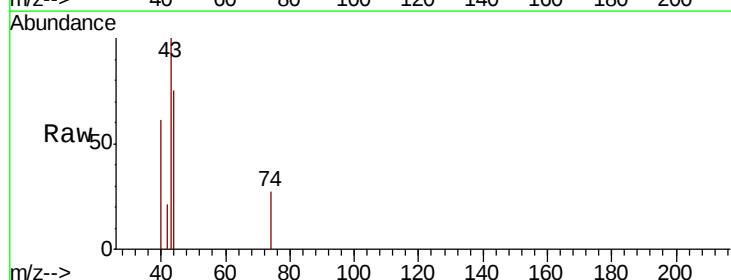
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 4984

Ion Ratio Lower Upper

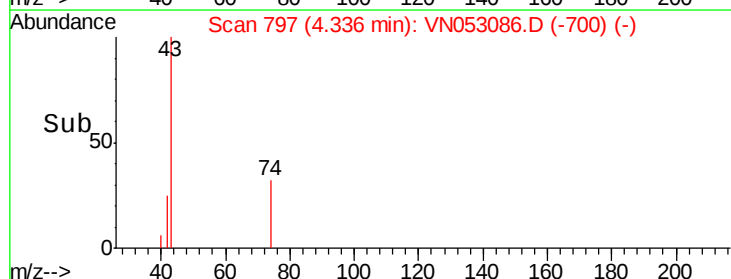
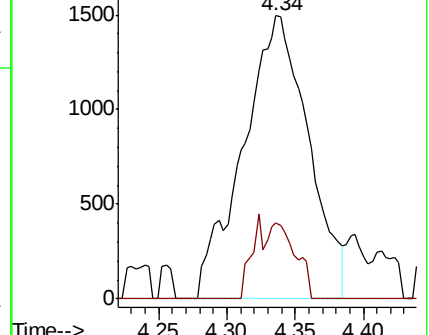
43 100

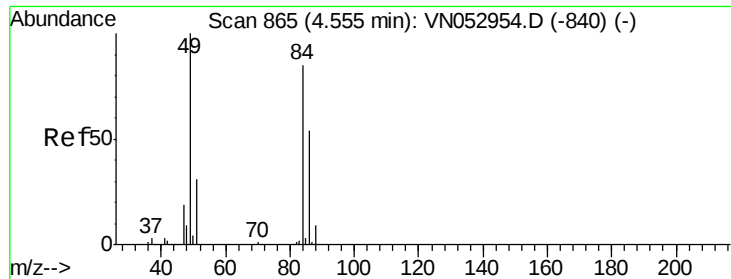
74 10.3 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

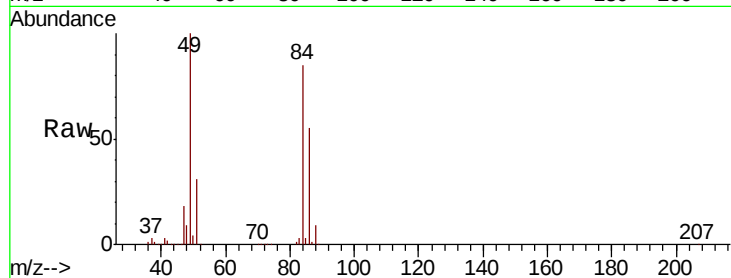




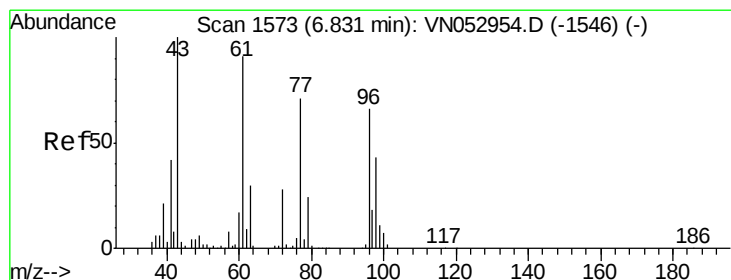
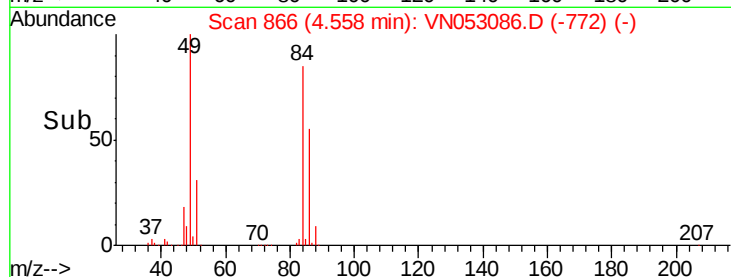
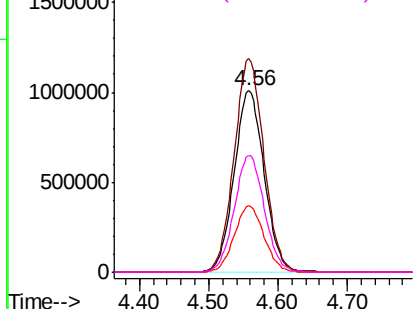
#20
Methvlene Chloride
Concen: 218.622 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

Tot Ion: 84 Resp: 3053533
Ion Ratio Lower Upper
84 100
49 117.8 96.8 145.2
51 36.7 29.9 44.9
86 64.4 51.8 77.6

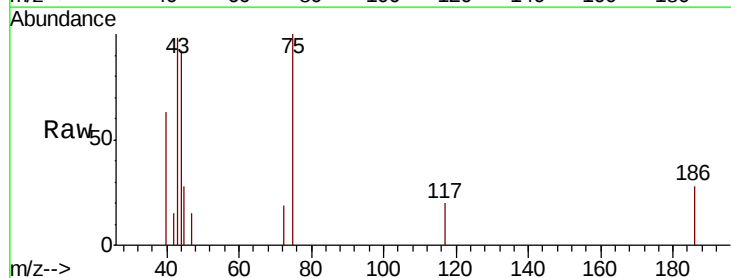


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

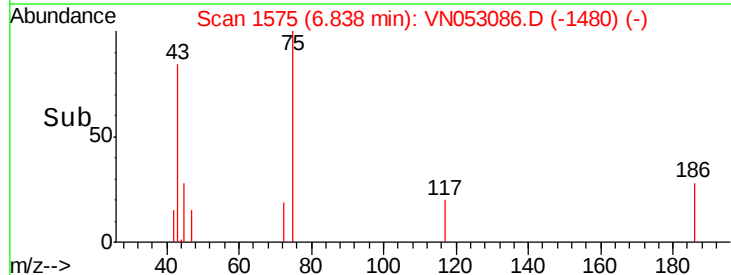
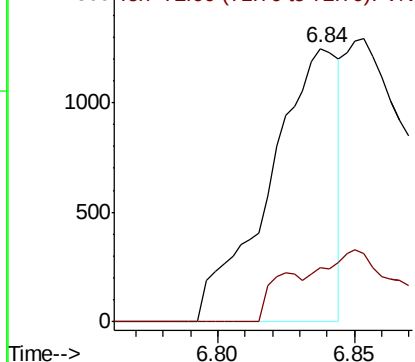


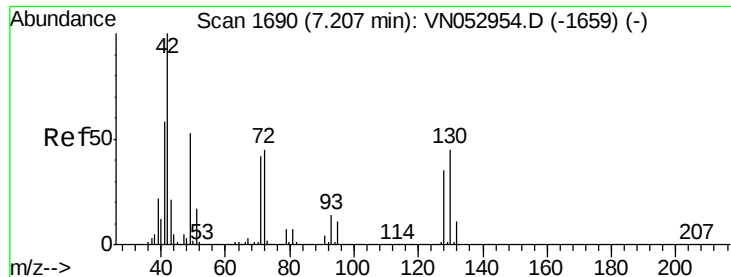
#25
2-Butanone
Concen: 0.509 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
72 19.7 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

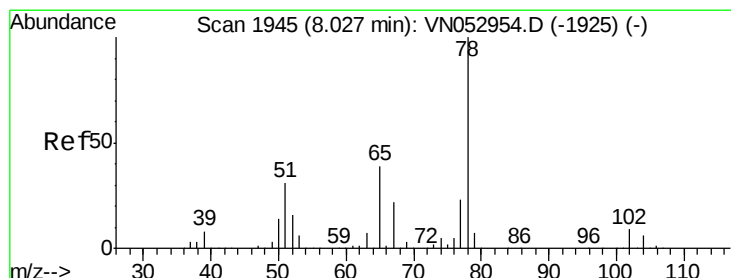
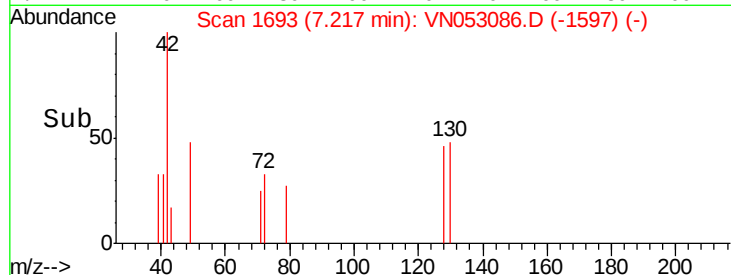
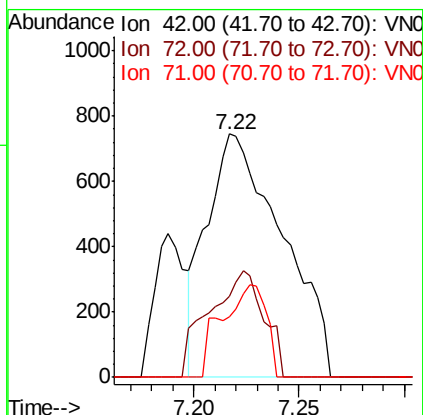
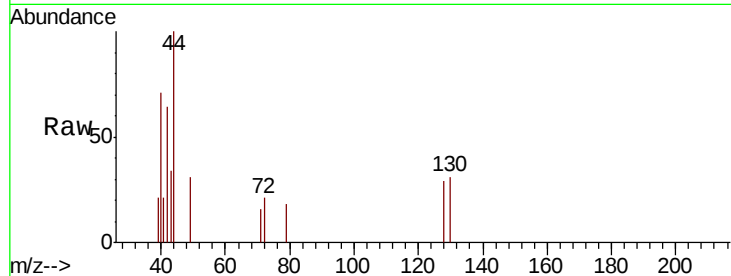




#29
Tetrahydrofuran
Concen: 0.579 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

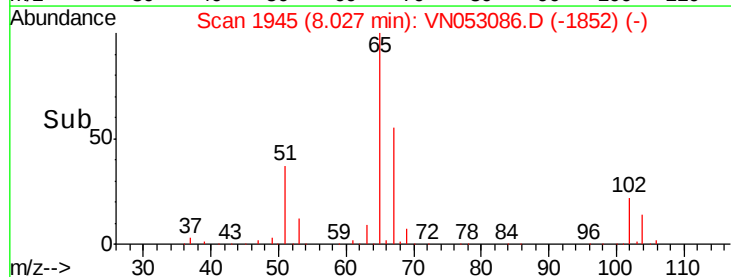
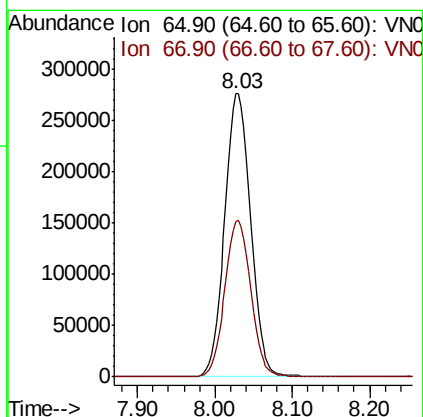
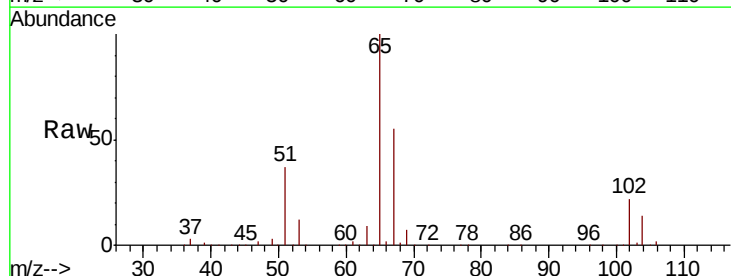
Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

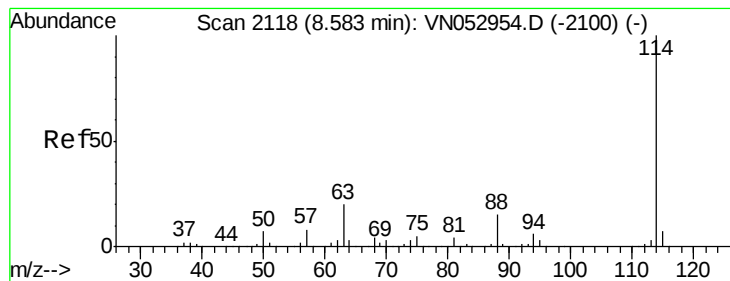
Tot Ion: 42 Resp: 1857
Ion Ratio Lower Upper
42 100
72 31.7 34.7 52.1#
71 22.2 32.3 48.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 65 Resp: 645002
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

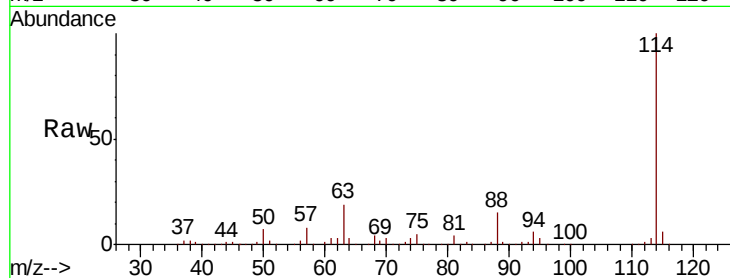
Tot Ion:114 Resp: 1989107

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

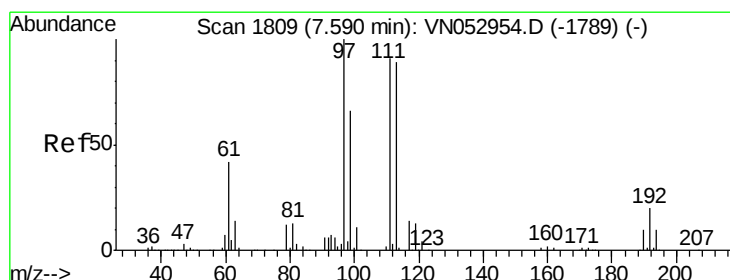
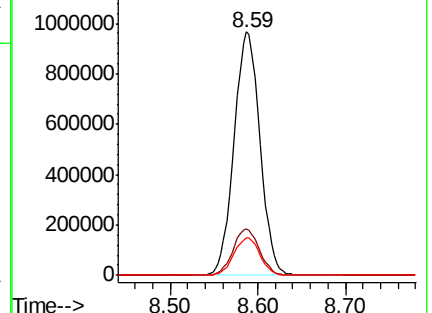
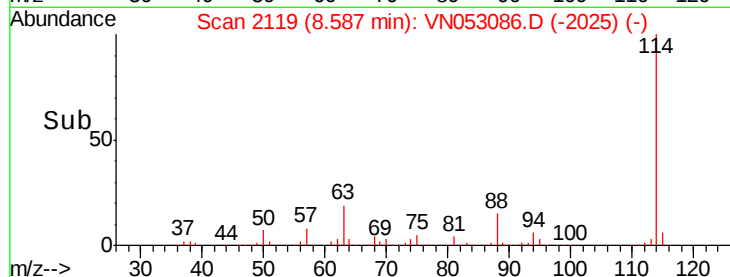
88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

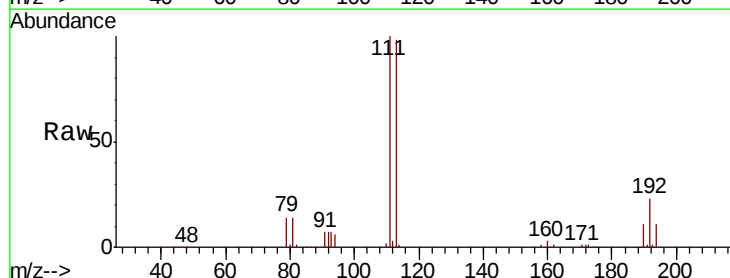
Tgt Ion:113 Resp: 544681

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

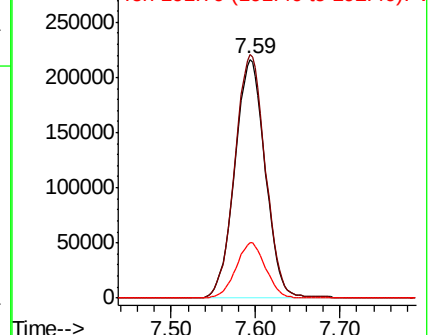
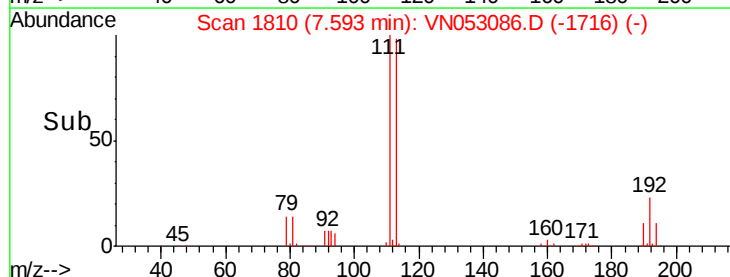
192 22.6 17.5 26.3

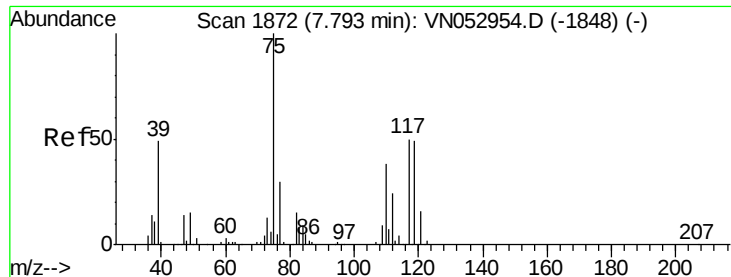


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

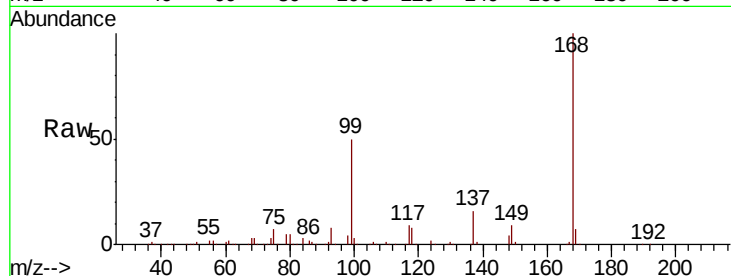




#36
 1,1-Dichloropropene
 Concen: 4.372 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

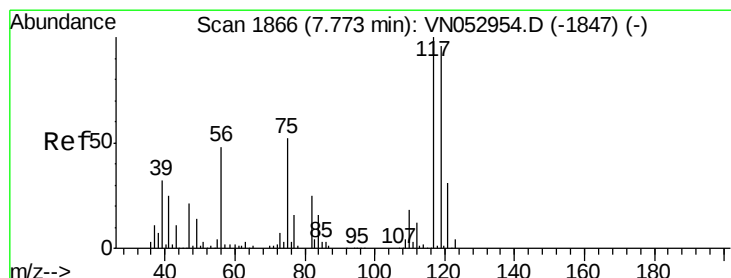
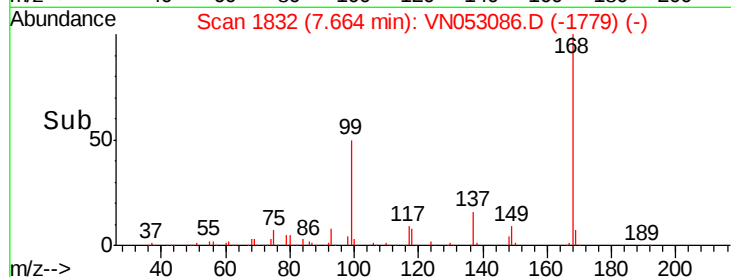
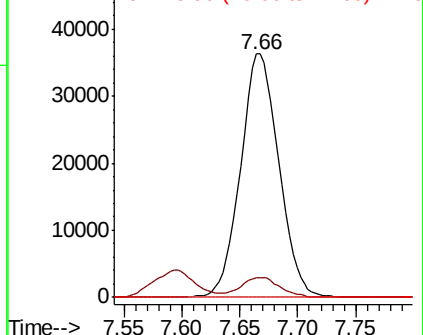
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



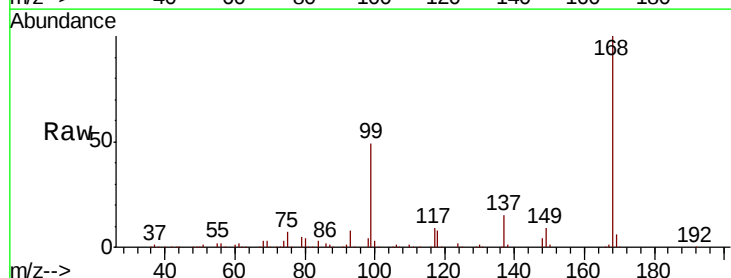
Abundance

Ion 74.90 (74.60 to 75.60): VN052954.D (-1848) (-)



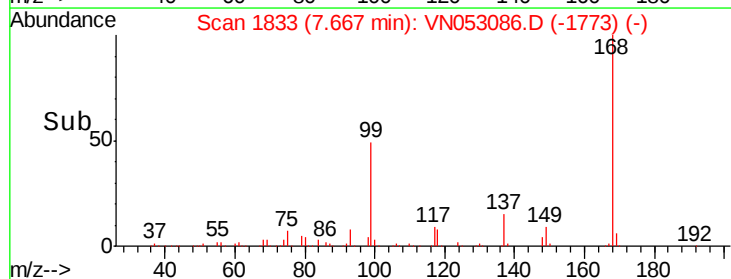
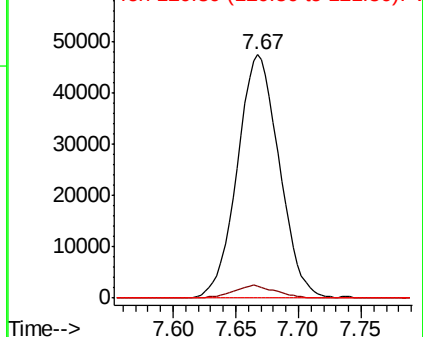
#38
 Carbon Tetrachloride
 Concen: 6.306 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

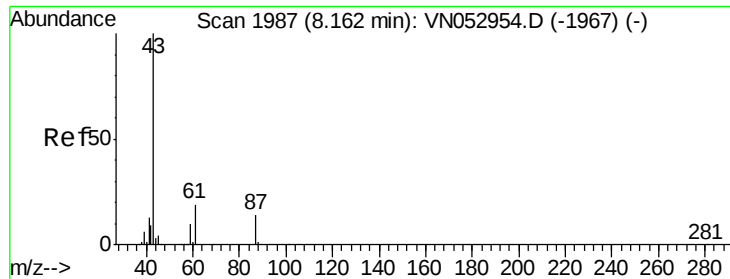
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	24.9	37.3#



Abundance

Ion 116.80 (116.50 to 117.50): VN052954.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 1.567 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

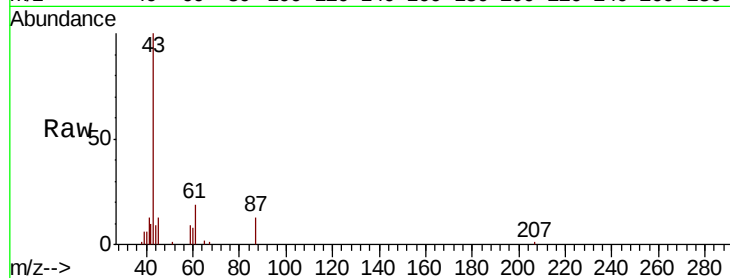
Tot Ion: 43 Resp: 53191

Ion Ratio Lower Upper

43 100

61 17.2 22.9 34.3#

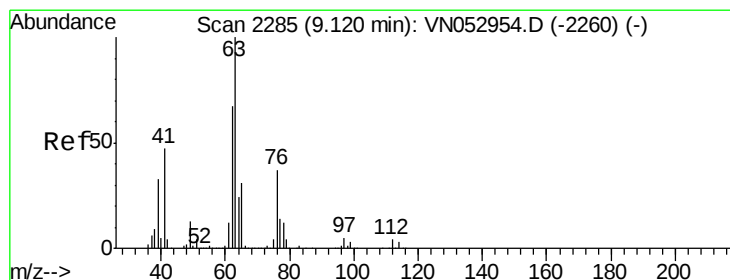
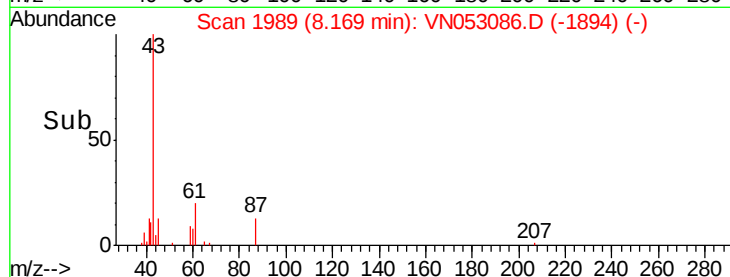
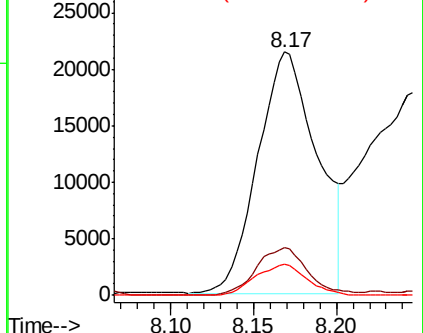
87 11.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN053086.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053086.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053086.D (-1894) (-)



#45

1,2-Dichloropropane

Concen: 0.212 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN053086.D

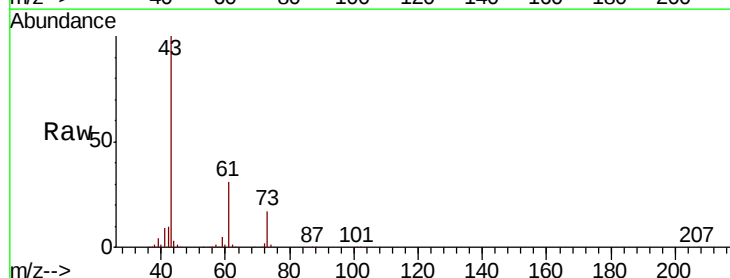
Acq: 21 Dec 2018 5:16

Tgt Ion: 63 Resp: 3137

Ion Ratio Lower Upper

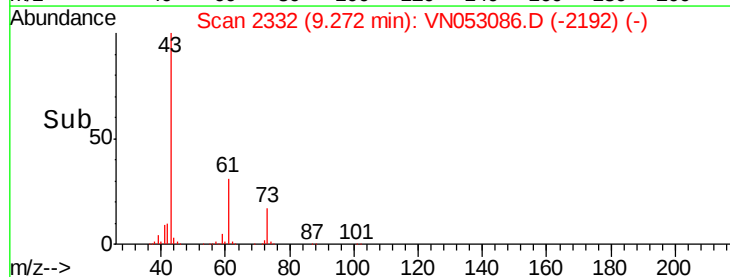
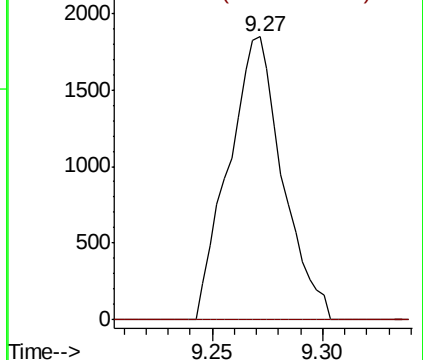
63 100

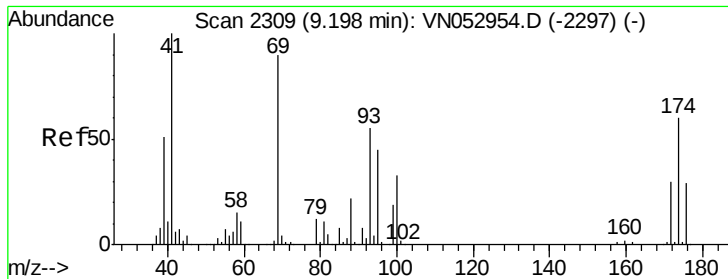
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN053086.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN053086.D (-2192) (-)

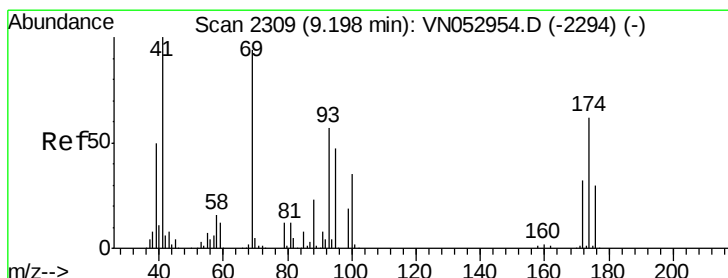
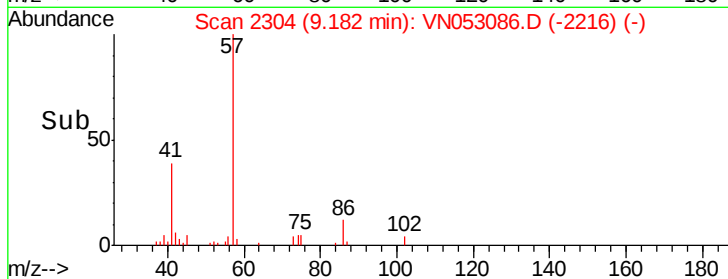
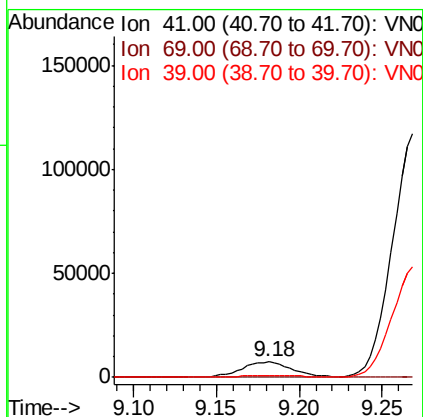
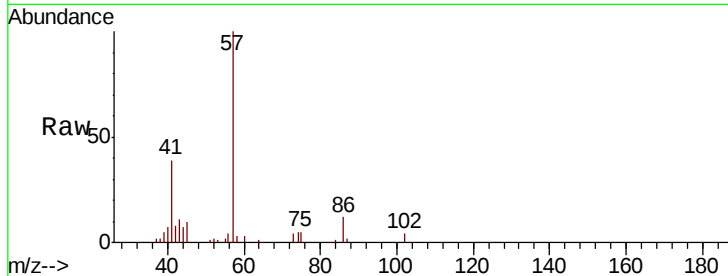




#48
Methvl methacrylate
Concen: 1.475 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

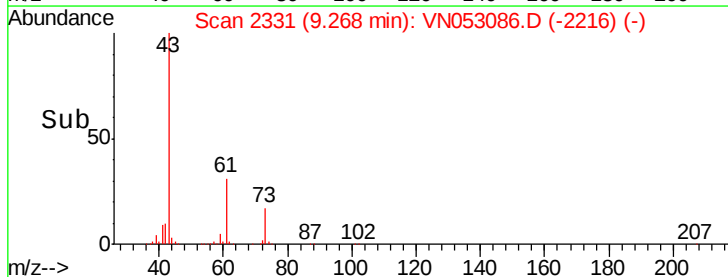
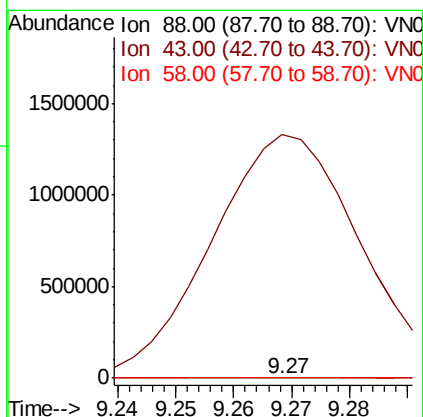
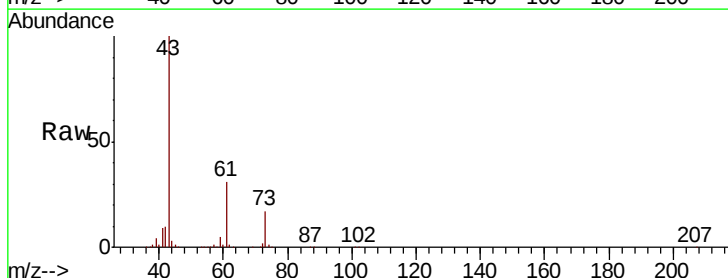
Instrument :
MSVOA_N
ClientSampled :
SOIL-DRUM

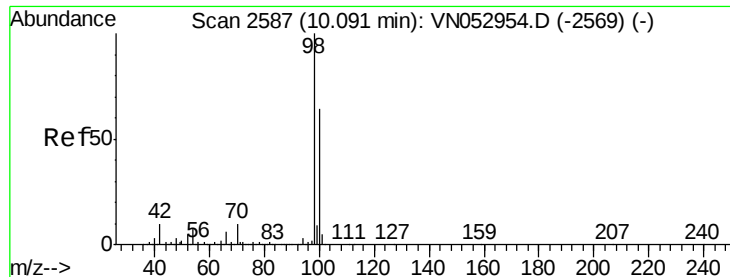
Tot Ion: 41 Resp: 15256
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 0.0 41.9 62.9#



#49
1,4-Dioxane
Concen: 1.437 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 88 Resp: 188
Ion Ratio Lower Upper
88 100
43 1287112.8 26.6 40.0#
58 5076.6 58.4 87.6#





#50

Toluene-d8

Concen: 1.437 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampled :

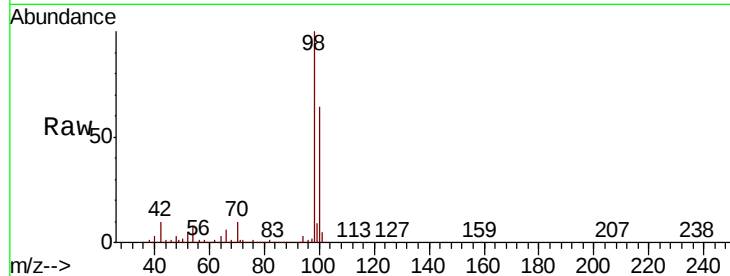
SOIL-DRUM

Tot Ion: 98 Resp: 2394950

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

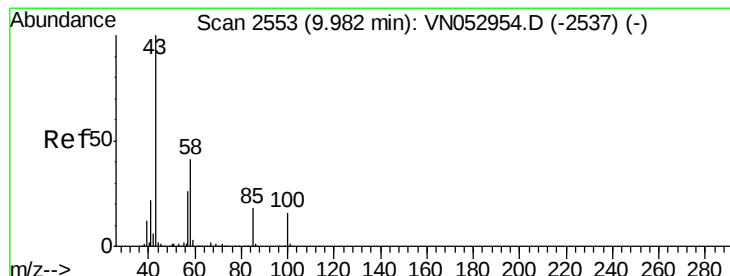
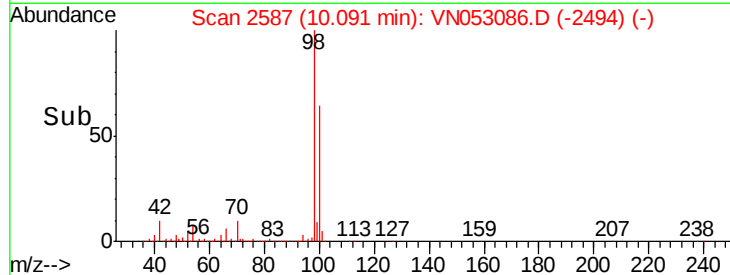
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.681 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053086.D

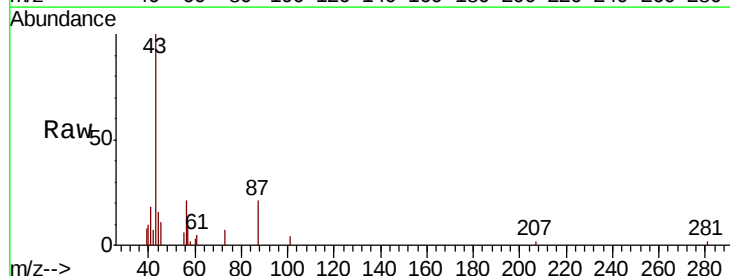
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 17348

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

12000

10000

8000

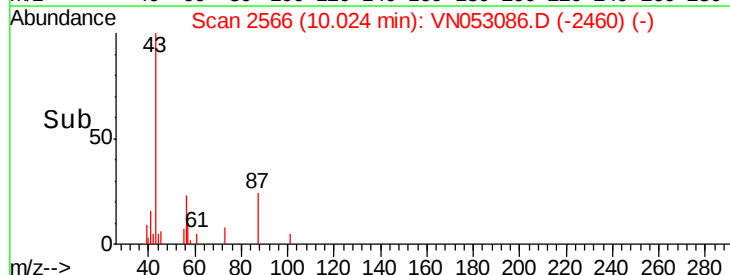
6000

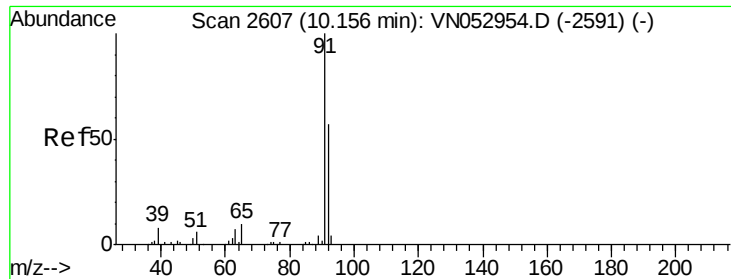
4000

2000

0

Time-->





#52

Toluene

Concen: 0.221 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

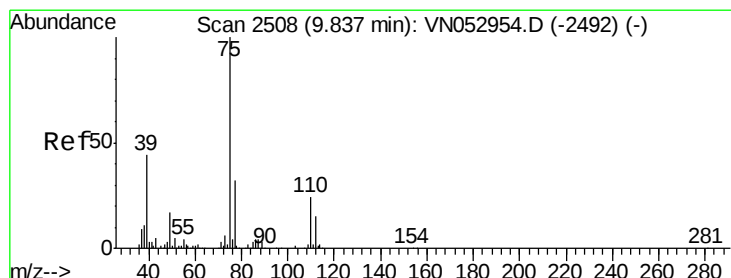
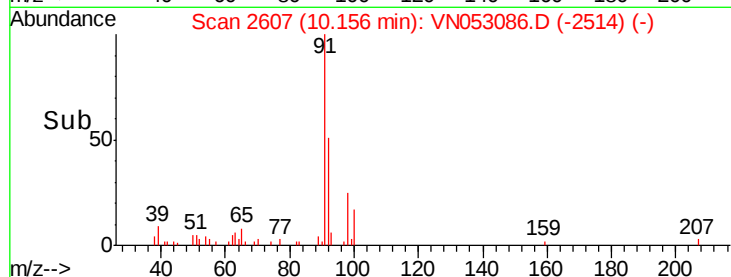
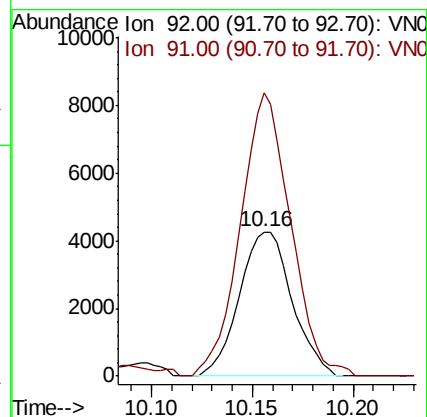
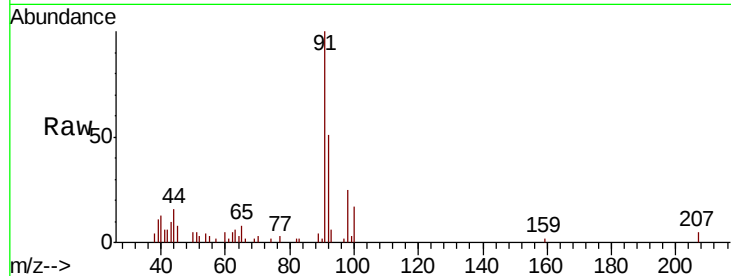
SOIL-DRUM

Tot Ion: 92 Resp: 7794

Ion Ratio Lower Upper

92 100

91 186.8 139.8 209.6



#54

cis-1,3-Dichloropropene

Concen: 5.470 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

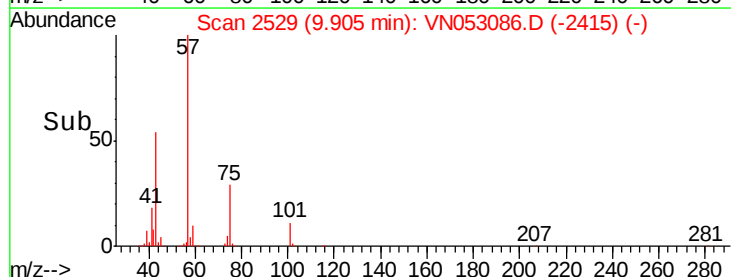
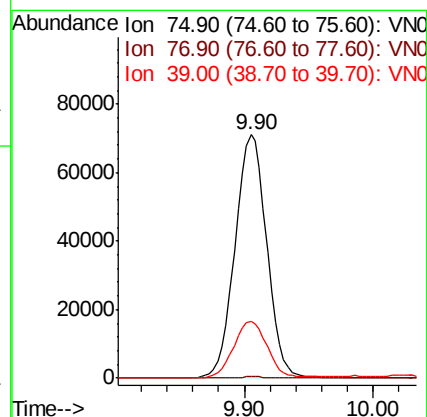
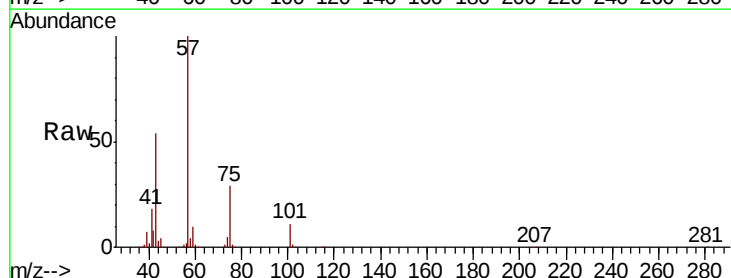
Tgt Ion: 75 Resp: 120929

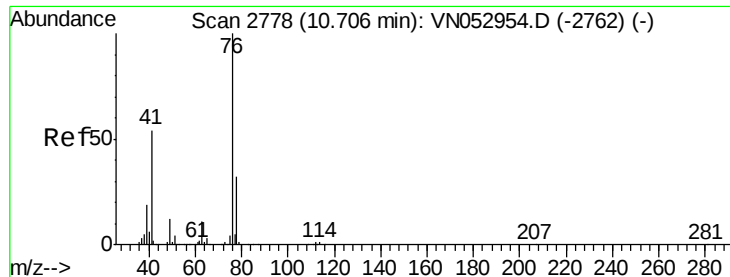
Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.8#

39 23.2 34.8 52.2#





#57

1,3-Dichloropropane

Concen: 1.120 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampled :

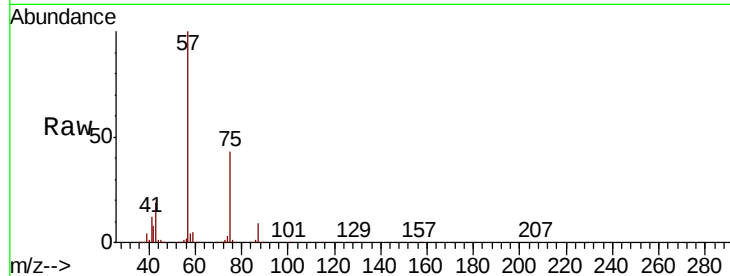
SOIL-DRUM

Tot Ion: 76 Resp: 23591

Ion Ratio Lower Upper

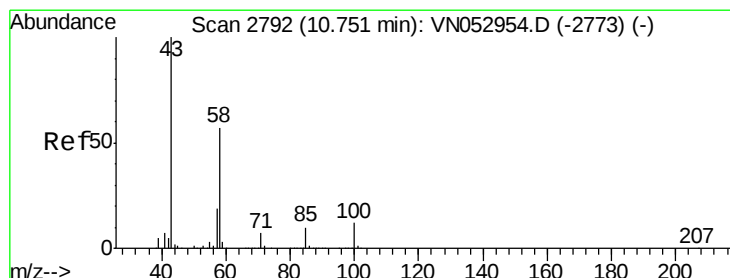
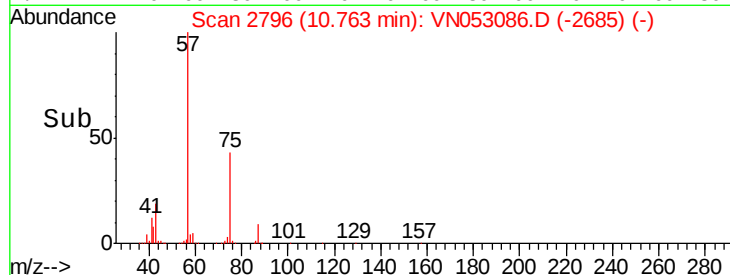
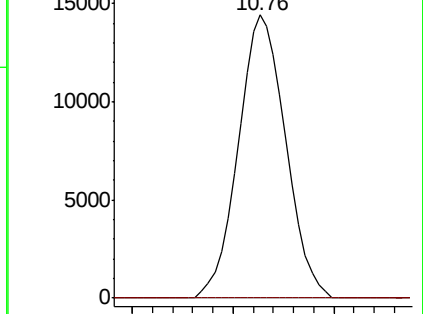
76 100

78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 43.962 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053086.D

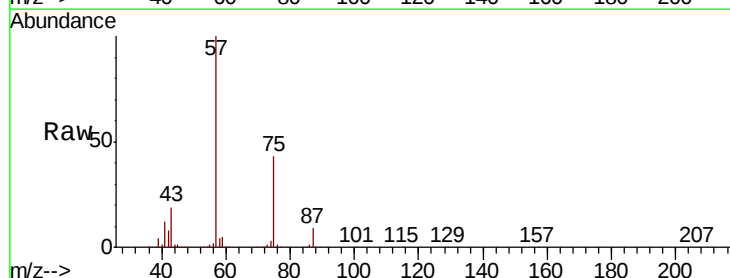
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 307003

Ion Ratio Lower Upper

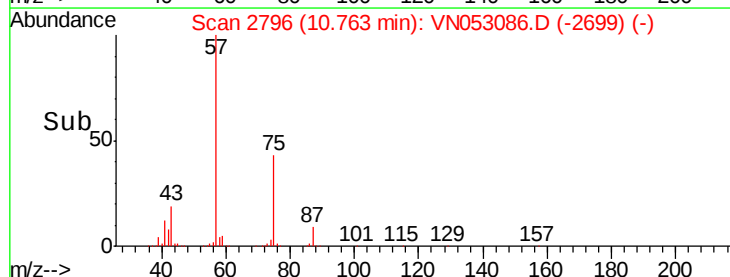
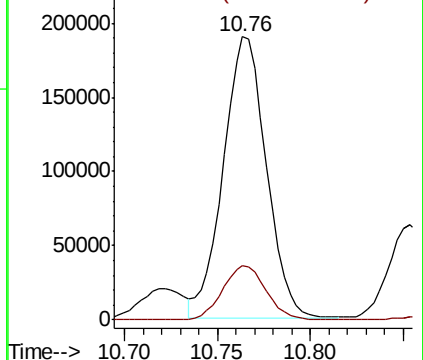
43 100

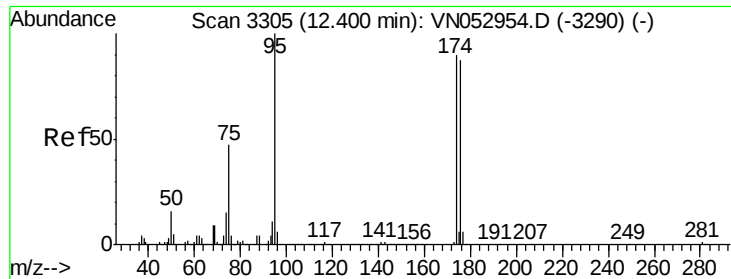
58 19.5 28.1 84.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

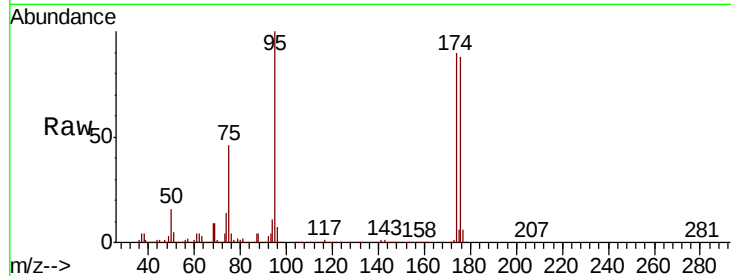
Tot Ion: 95 Resp: 783492

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.8

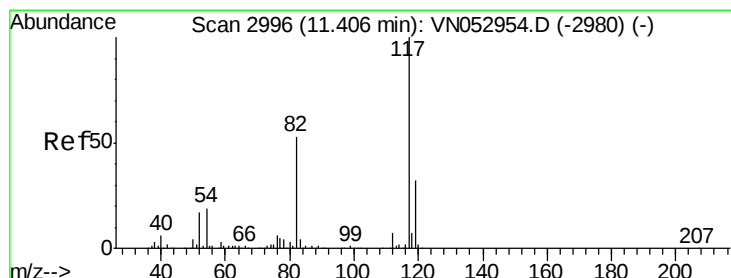
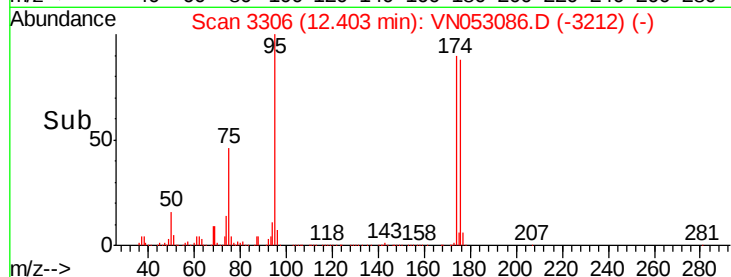
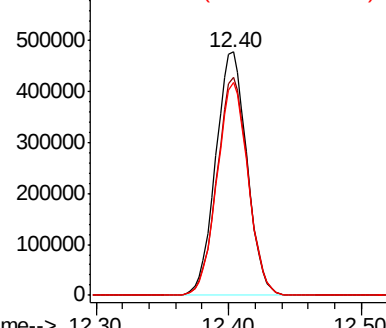
176 86.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

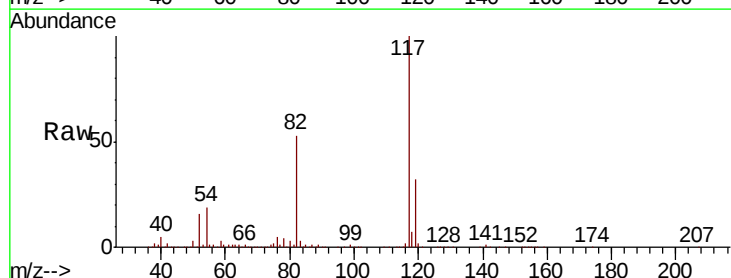
Tgt Ion: 117 Resp: 1730570

Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

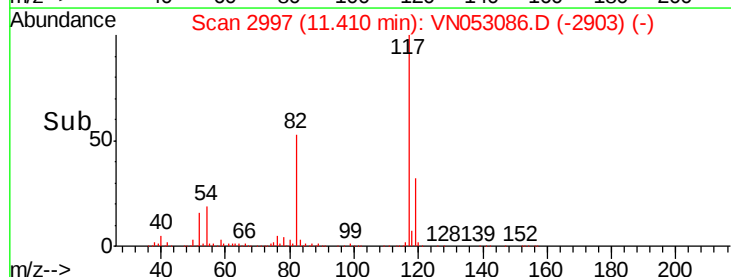
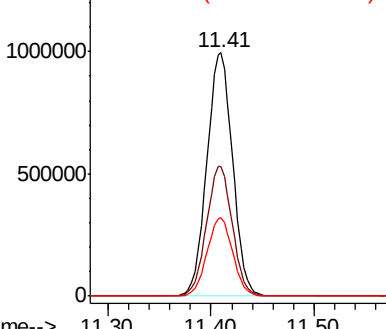
119 32.1 25.5 38.3

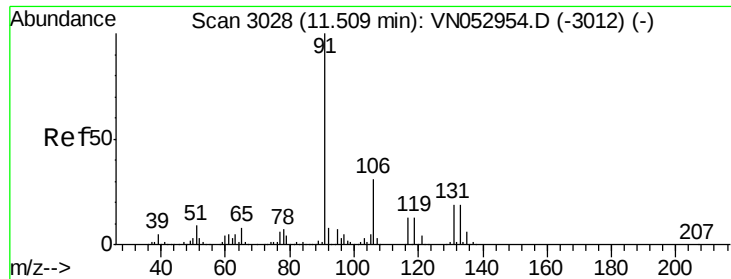


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

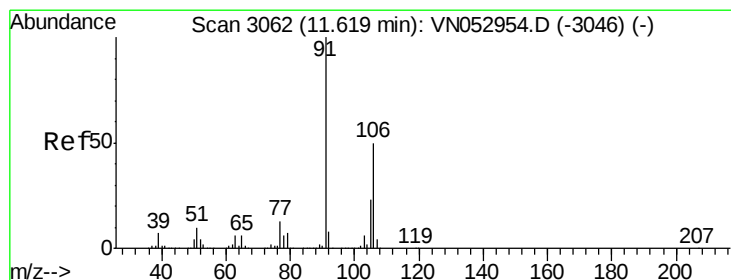
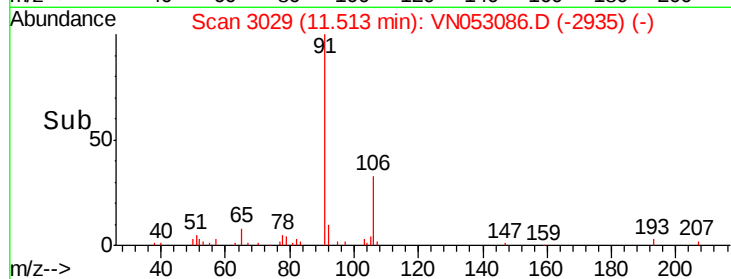
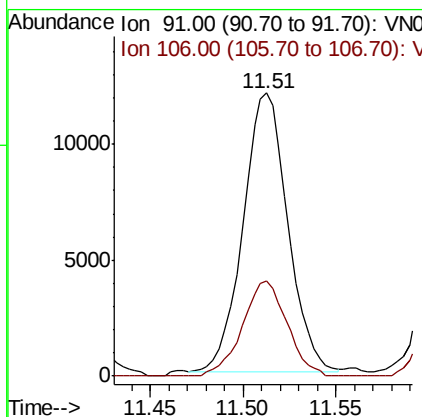
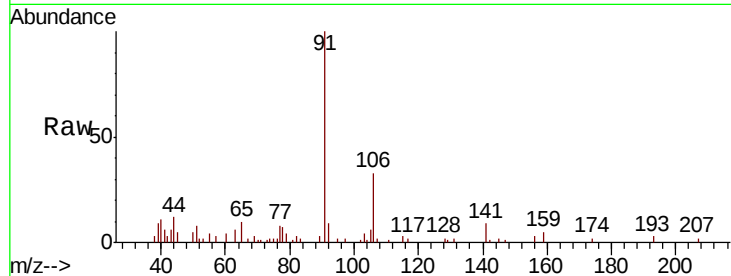




#67
Ethyl Benzene
Concen: 0.303 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

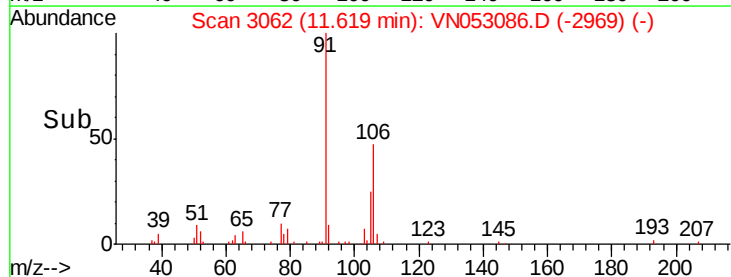
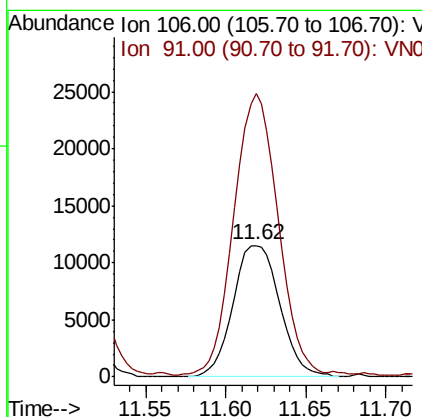
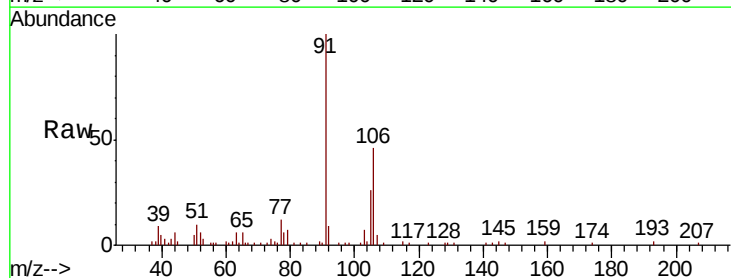
Instrument :
MSVOA_N
ClientSampled :
SOIL-DRUM

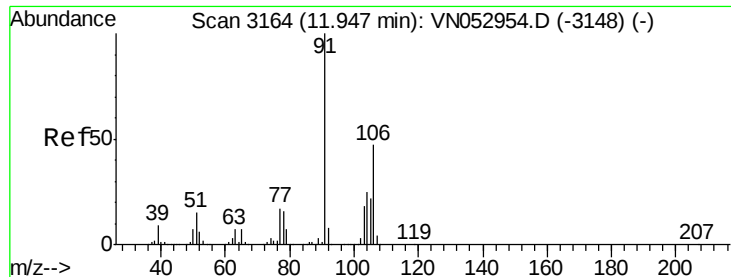
Tot Ion: 91 Resp: 20019
Ion Ratio Lower Upper
91 100
106 34.0 24.9 37.3



#68
m/p-Xylenes
Concen: 0.917 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 106 Resp: 23001
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.4

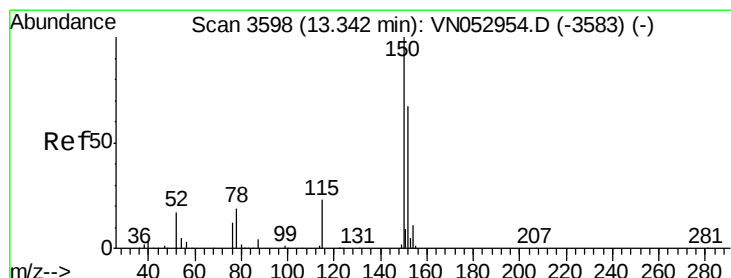
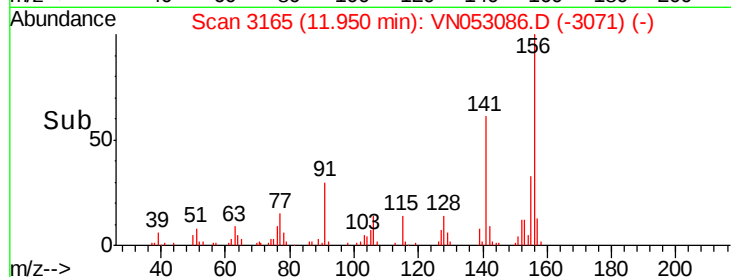
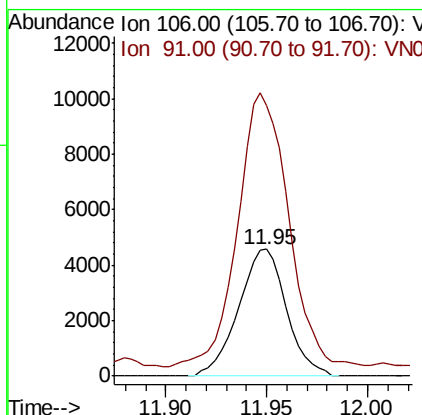
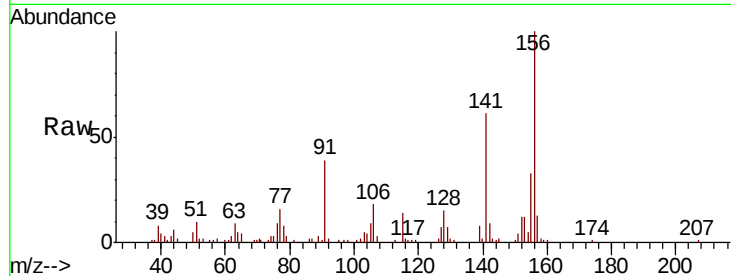




#69
o-Xylene
Concen: 0.317 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

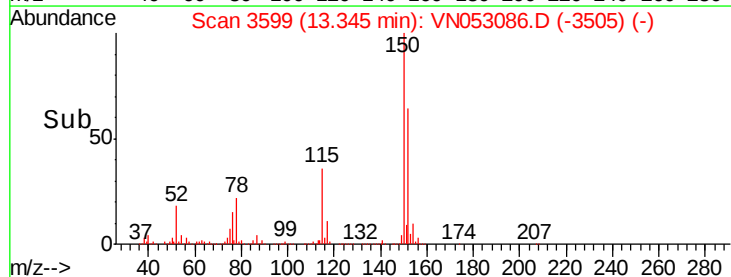
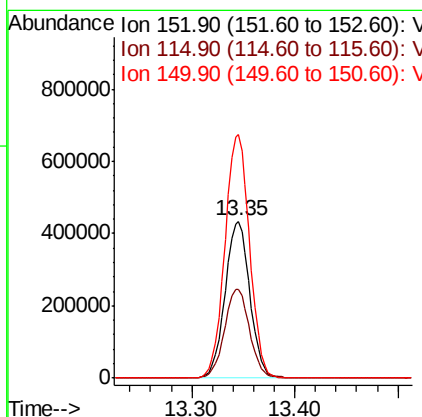
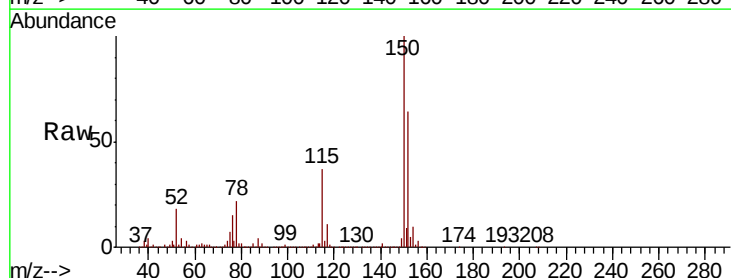
Instrument :
MSVOA_N
ClientSampled :
SOIL-DRUM

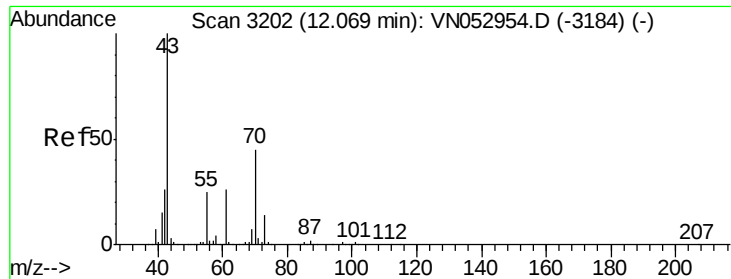
Tot Ion:106 Resp: 7621
Ion Ratio Lower Upper
106 100
91 228.9 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:152 Resp: 721673
Ion Ratio Lower Upper
152 100
115 58.0 28.3 85.0
150 155.0 0.0 347.8





#74

N-amvl acetate

Concen: 2.393 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

Tot Ion: 43 Resp: 37512

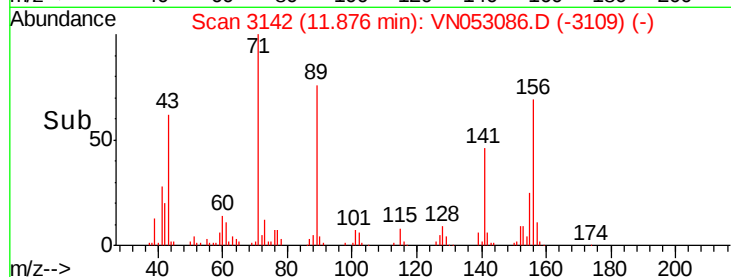
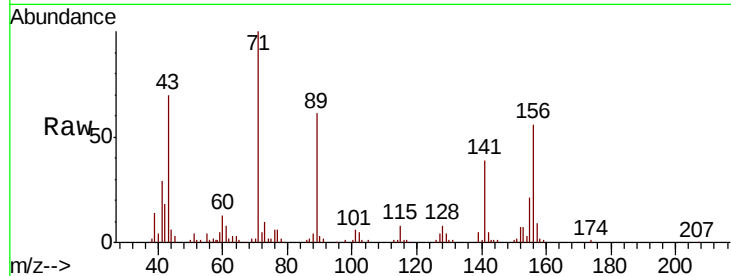
Ion Ratio Lower Upper

43 100

70 1.3 34.2 51.4#

55 4.3 20.3 30.5#

61 12.1 20.0 30.0#

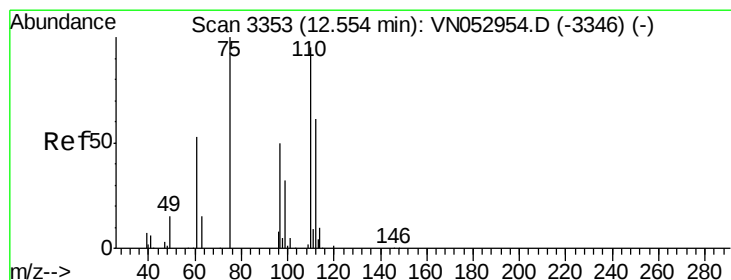
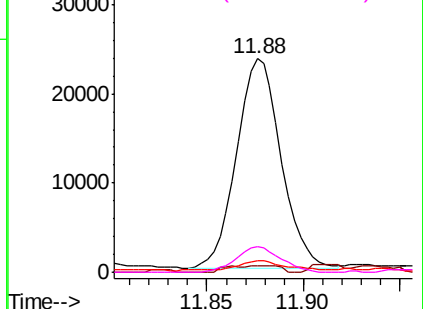


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 29.970 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053086.D

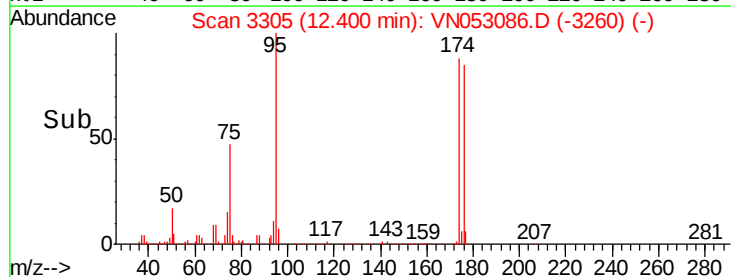
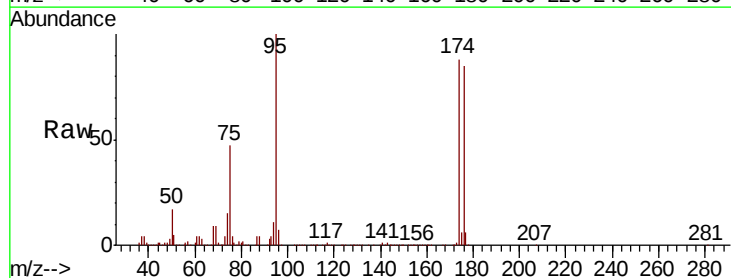
Acq: 21 Dec 2018 5:16

Tgt Ion: 75 Resp: 364096

Ion Ratio Lower Upper

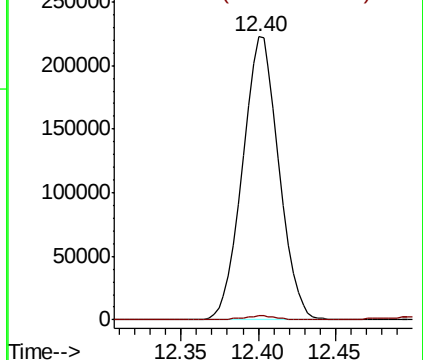
75 100

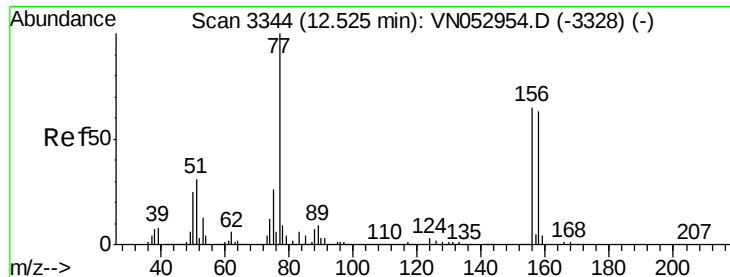
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 22.293 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.03 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampled :

SOIL-DRUM

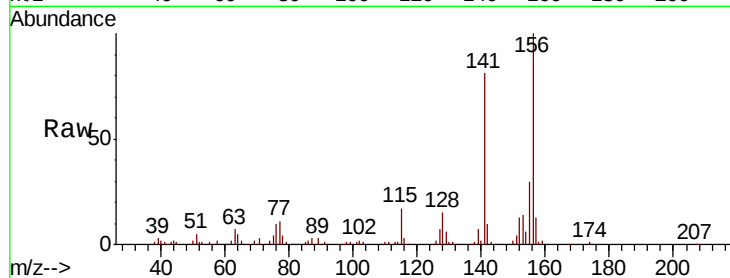
Tot Ion:156 Resp: 327210

Ion Ratio Lower Upper

156 100

77 6.7 91.3 273.8#

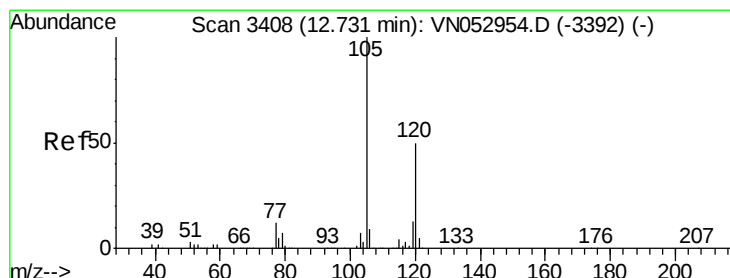
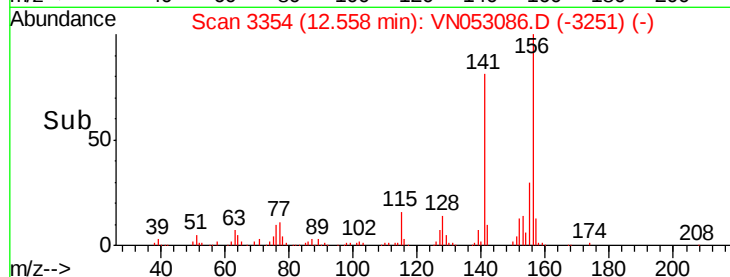
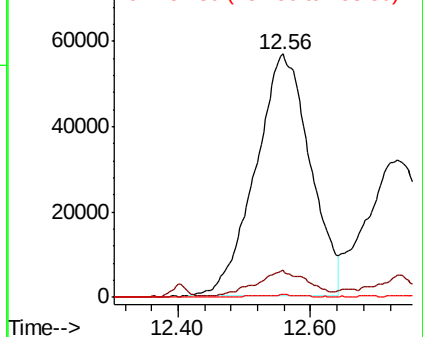
158 0.4 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.403 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053086.D

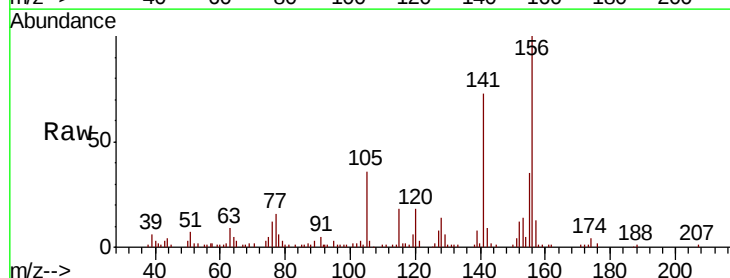
Acq: 21 Dec 2018 5:16

Tgt Ion:105 Resp: 18565

Ion Ratio Lower Upper

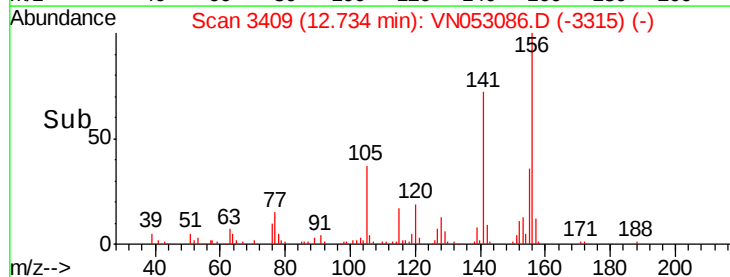
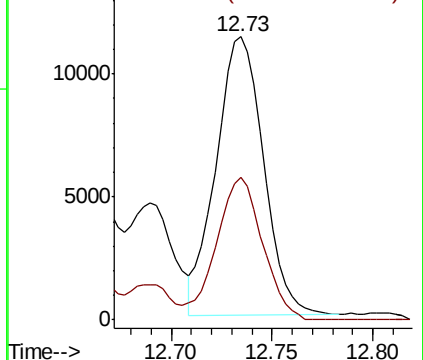
105 100

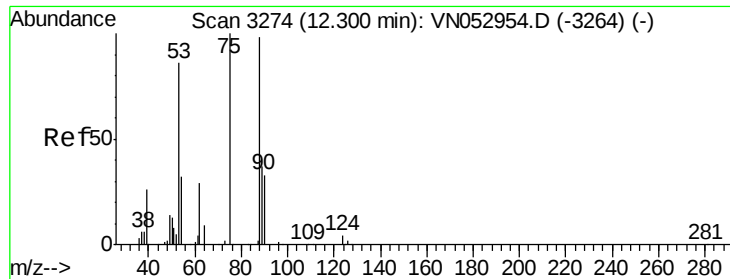
120 49.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 96.597 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053086.D

Acq: 21 Dec 2018 5:16

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

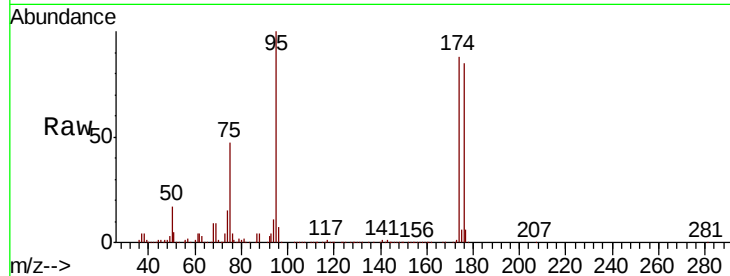
Tot Ion: 75 Resp: 364096

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

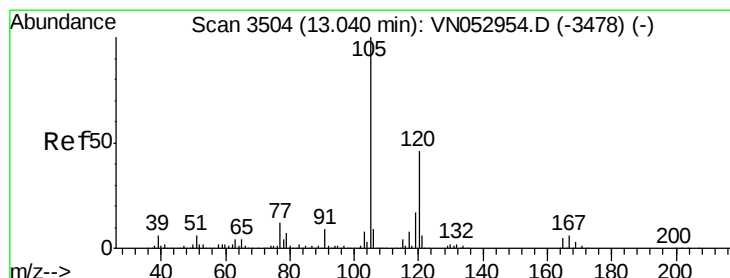
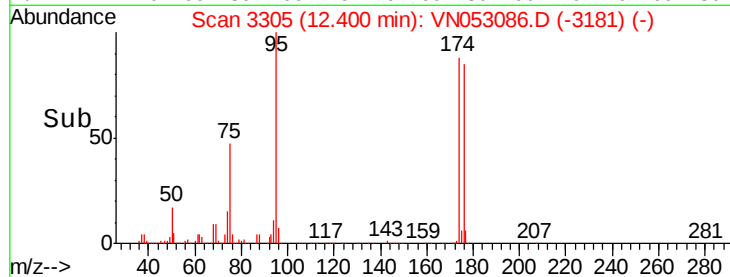
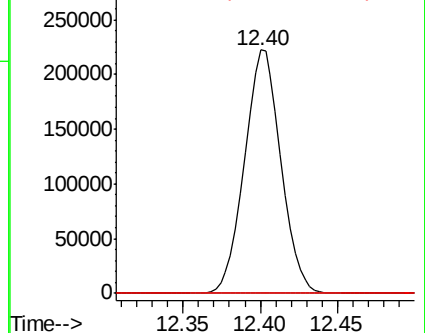
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.660 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053086.D

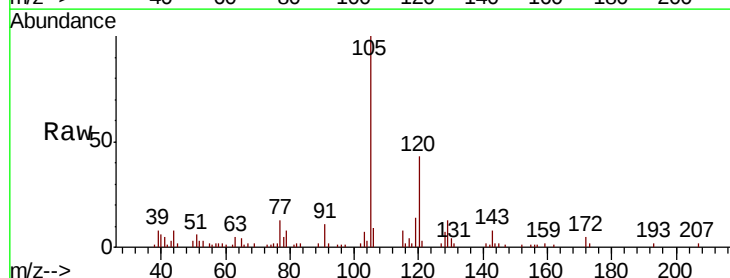
Acq: 21 Dec 2018 5:16

Tgt Ion: 105 Resp: 30522

Ion Ratio Lower Upper

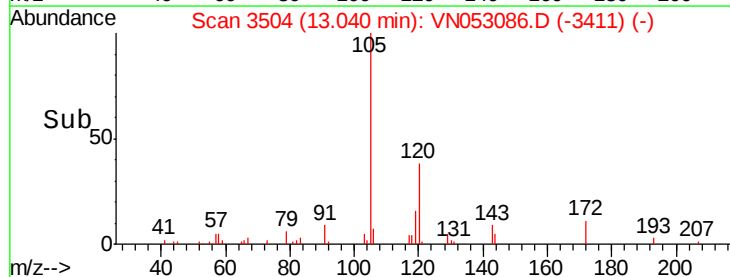
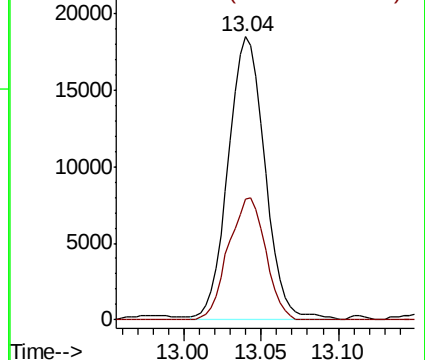
105 100

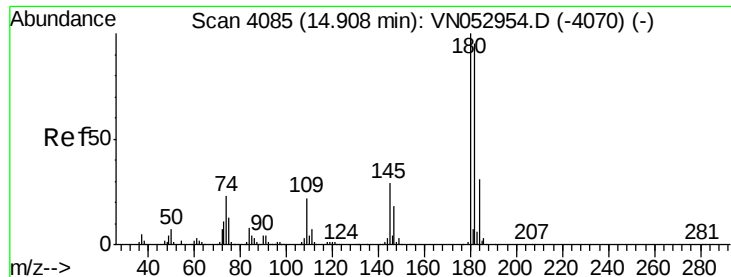
120 43.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3478) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3478) (-)

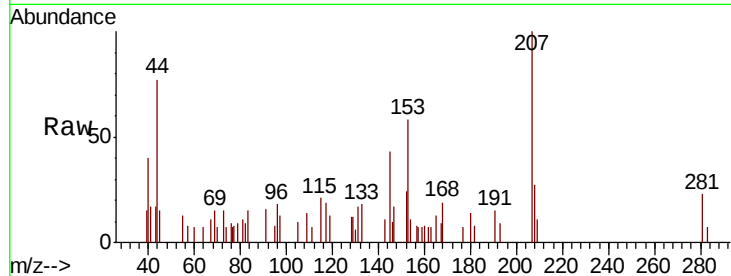




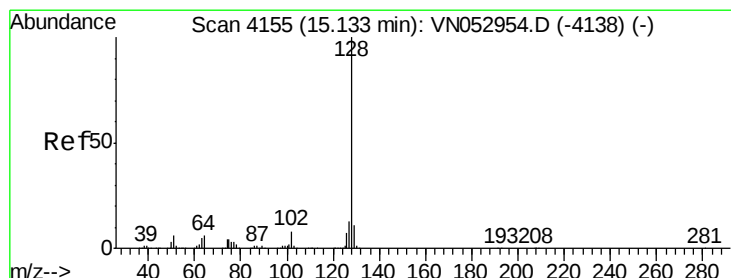
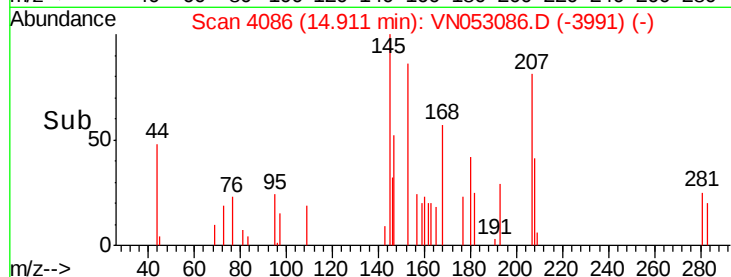
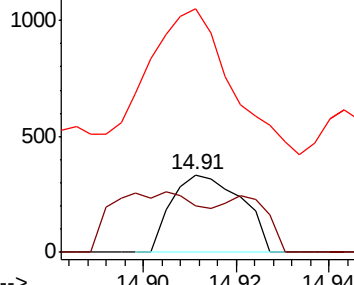
#93
 1,2,4-Trichlorobenzene
 Concen: 0.623 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-DRUM

Tot Ion:180 Resp: 349
 Ion Ratio Lower Upper
 180 100
 182 100.6 47.8 143.3
 145 481.9 14.2 42.6#

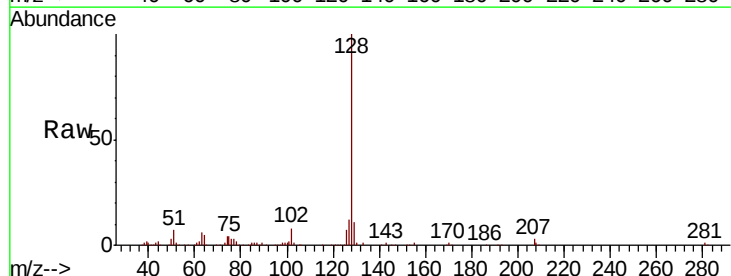


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 6.699 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN053086.D
 Acq: 21 Dec 2018 5:16

Tgt Ion:128 Resp: 161243
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.2 15.4
 129 10.4 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

