

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050096.D
 Acq On : 26 Jul 2018 21:01
 Operator : MD\SY
 Sample : J4152-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LA-SOIL-1

Quant Time: Jul 27 01:24:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	695231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1131242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	969118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399633	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	484207	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
35) Dibromofluoromethane	7.60	113	426779	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
50) Toluene-d8	10.09	98	1540863	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	12.41	95	459447	41.09	ug/l	0.00
Spiked Amount			Recovery	=	82.18%	

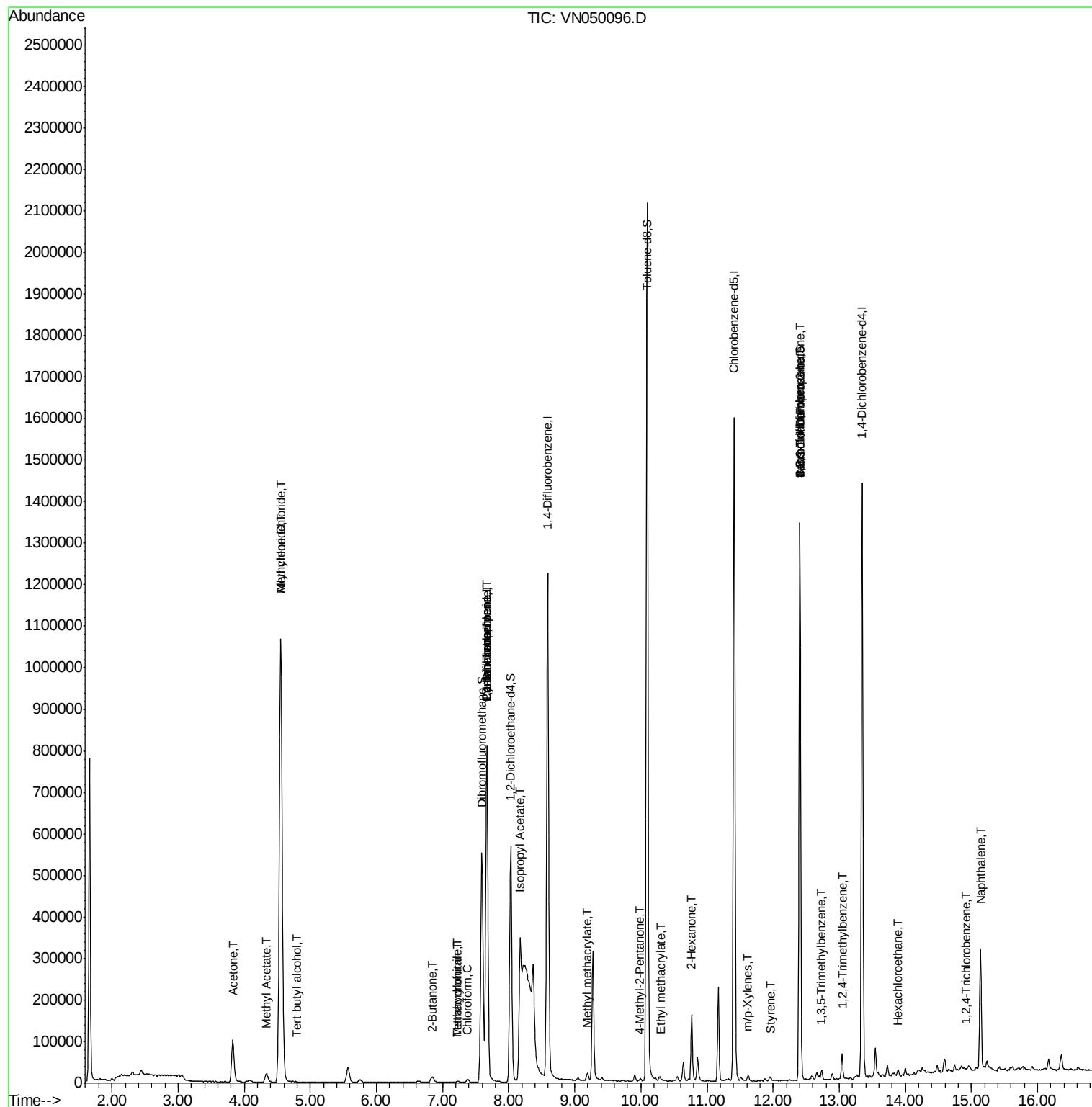
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	284	Below Cal	#	3
11) Tert butyl alcohol	4.80	59	187	0.26	ug/l #	72
14) Allyl chloride	4.55	41	28252	2.27	ug/l #	25
16) Acetone	3.83	43	169329	71.00	ug/l	98
18) Methyl Acetate	4.34	43	40503	3.03	ug/l	97
20) Methylene Chloride	4.55	84	837744	98.63	ug/l	100
25) 2-Butanone	6.85	43	3930	1.06	ug/l	93
29) Tetrahydrofuran	7.21	42	615	0.26	ug/l #	61
30) Chloroform	7.37	83	7189	0.44	ug/l	100
31) Cyclohexane	7.67	56	13817	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	49957	3.92	ug/l #	47
38) Carbon Tetrachloride	7.67	117	64485	4.77	ug/l #	16
41) Methacrylonitrile	7.22	41	989	2.95	ug/l #	12
43) Isopropyl Acetate	8.17	43	431460	25.20	ug/l #	88
48) Methyl methacrylate	9.18	41	10960	1.43	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	4289	0.49	ug/l	93
56) Ethyl methacrylate	10.31	69	155	2.04	ug/l #	26
59) 2-Hexanone	10.77	43	24967	8.98	ug/l #	54
68) m/p-Xylenes	11.62	106	4379	0.29	ug/l	99
70) Styrene	11.97	104	1348	0.98	ug/l #	86
71) Bromoform	12.41	173	3773	0.55	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	199	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	226566	30.51	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10587	0.43	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	226566	96.76	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	35086	1.43	ug/l	97
90) Hexachloroethane	13.89	117	1082	0.20	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.28	75	64	Below Cal	#	26
93) 1,2,4-Trichlorobenzene	14.91	180	262	3.12	ug/l #	62
95) Naphthalene	15.14	128	255744	17.19	ug/l	99

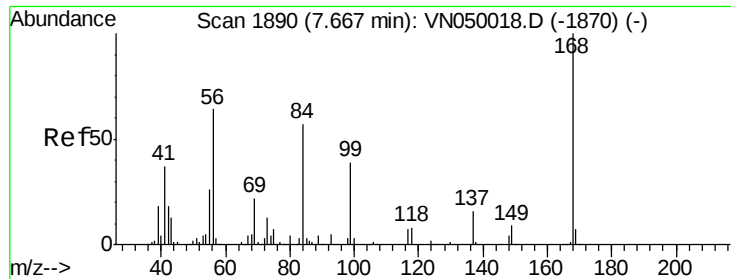
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

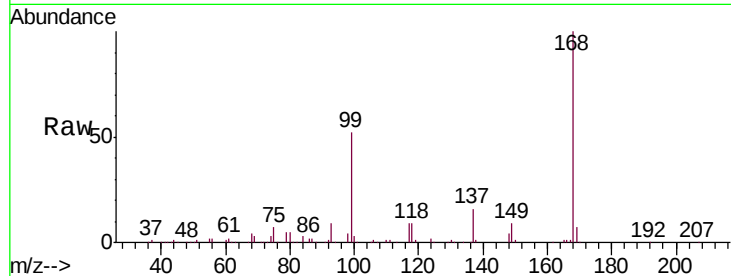
LA-SOIL-1

Tot Ion:168 Resp: 695231

Ion Ratio Lower Upper

168 100

99 51.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

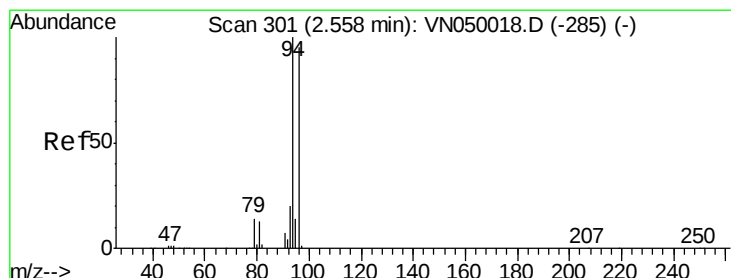
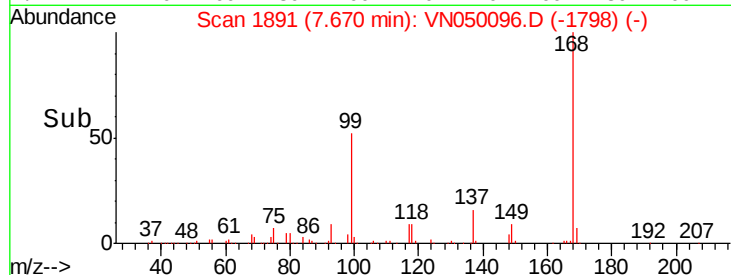
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 298

Delta R.T. -0.00 min

Lab File: VN050096.D

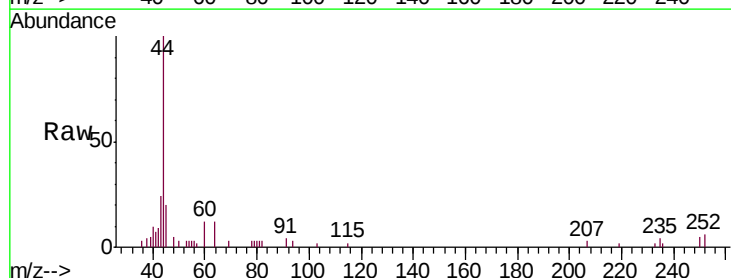
Acq: 26 Jul 2018 21:01

Tgt Ion: 94 Resp: 284

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.55

300

250

200

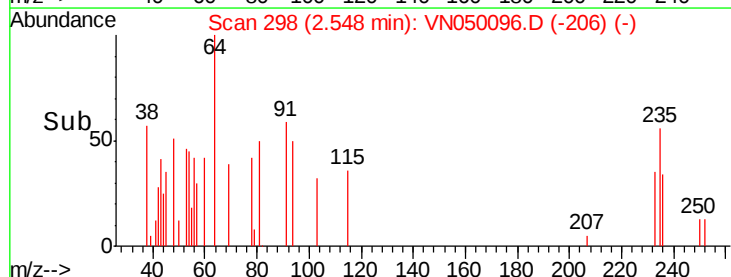
150

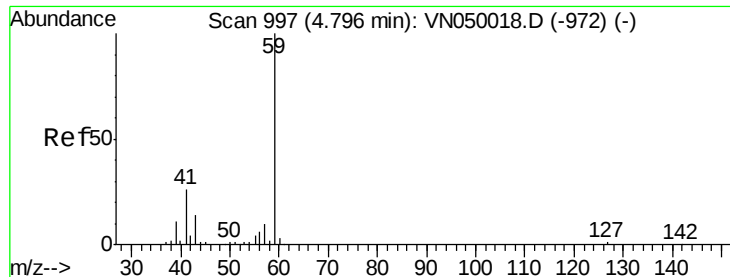
100

50

0

Time-->



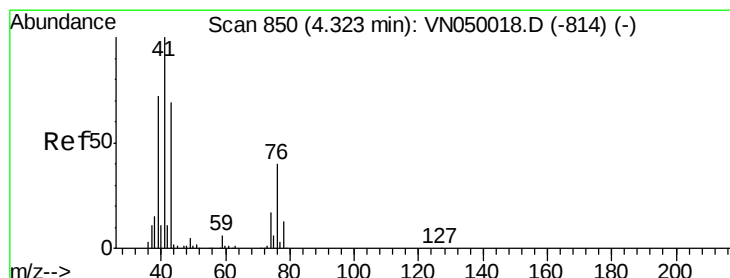
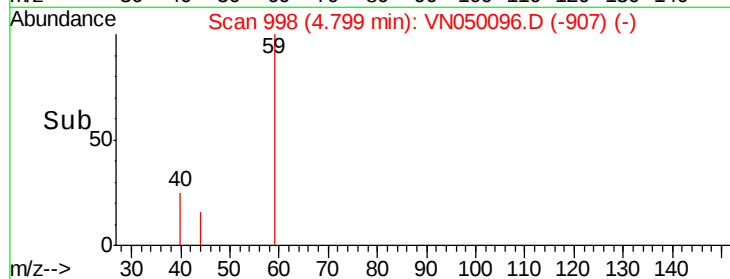
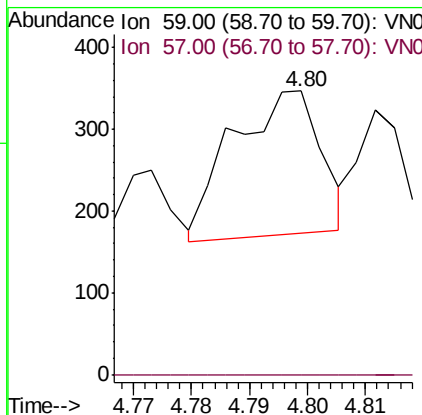
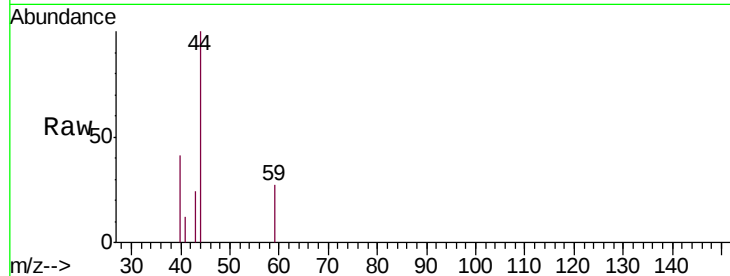


#11

Tert butyl alcohol
 Concen: 0.26 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN050096.D
 Acq: 26 Jul 2018 21:01

Instrument :
 MSVOA_N
 ClientSampleId :
 LA-SOIL-1

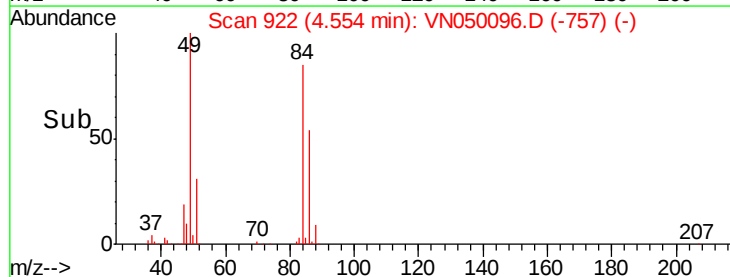
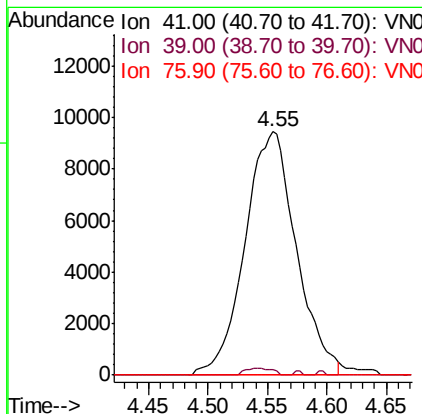
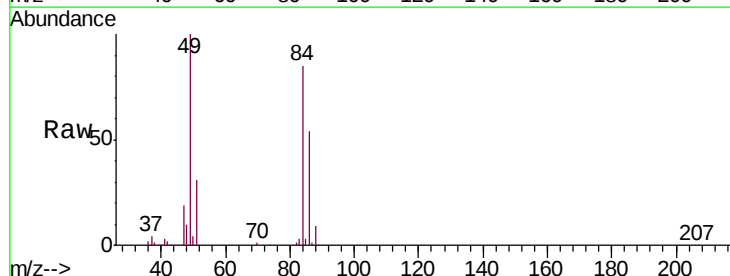
Tot Ion: 59 Resp: 187
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

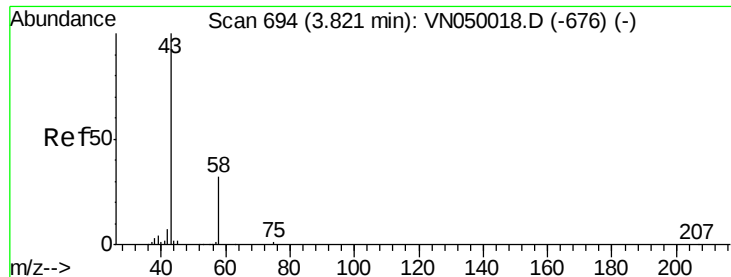


#14

Allyl chloride
 Concen: 2.27 ug/l
 RT: 4.55 min Scan# 922
 Delta R.T. 0.23 min
 Lab File: VN050096.D
 Acq: 26 Jul 2018 21:01

Tgt Ion: 41 Resp: 28252
 Ion Ratio Lower Upper
 41 100
 39 1.5 54.2 81.4#
 76 0.0 29.0 43.6#





#16

Acetone

Concen: 71.00 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

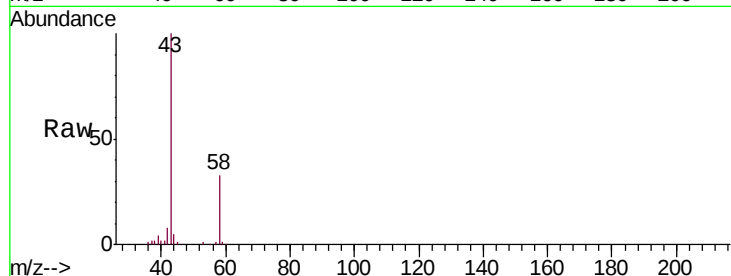
LA-SOIL-1

Tot Ion: 43 Resp: 169329

Ion Ratio Lower Upper

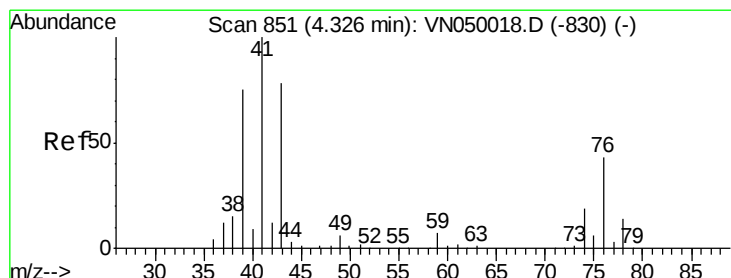
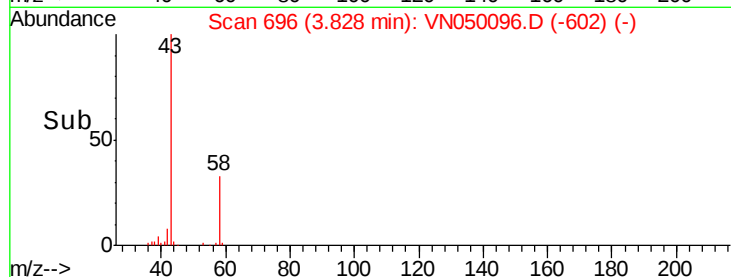
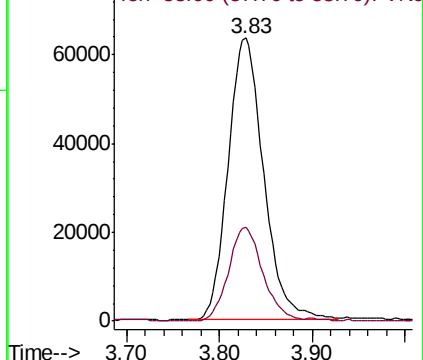
43 100

58 33.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)



#18

Methyl Acetate

Concen: 3.03 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050096.D

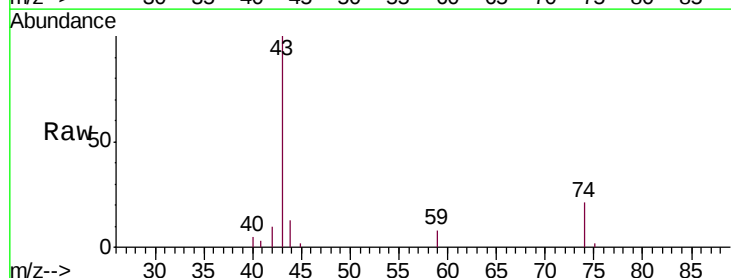
Acq: 26 Jul 2018 21:01

Tgt Ion: 43 Resp: 40503

Ion Ratio Lower Upper

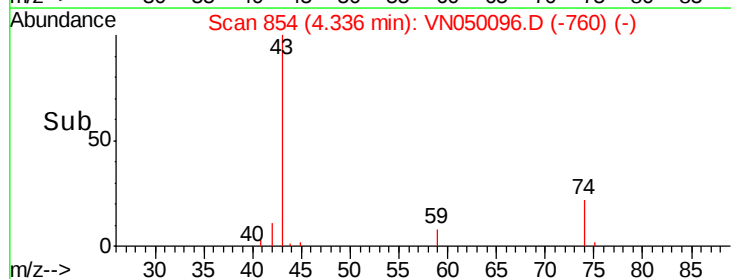
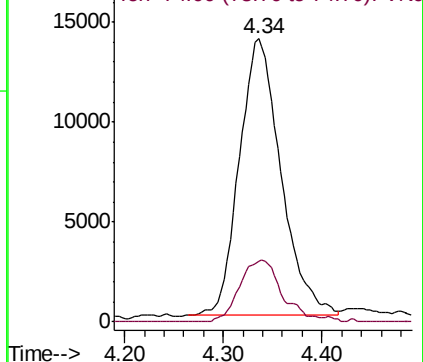
43 100

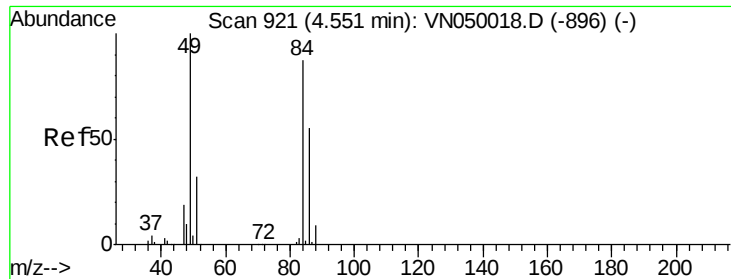
74 22.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-830) (-)

Ion 74.00 (73.70 to 74.70): VN050018.D (-830) (-)

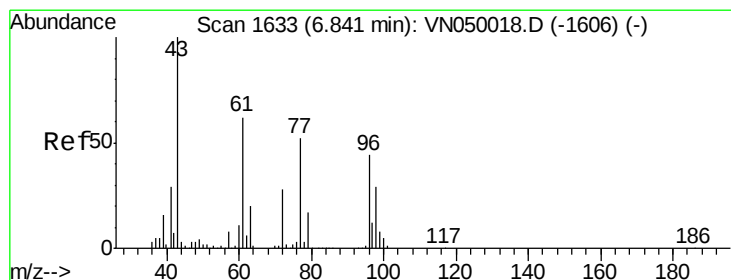
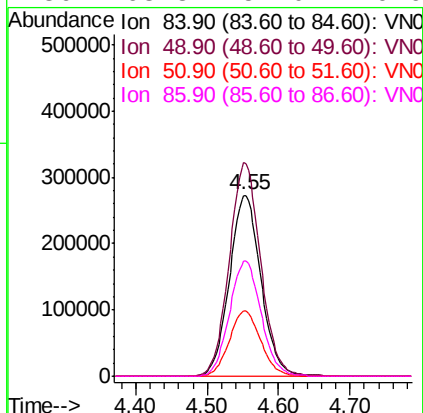
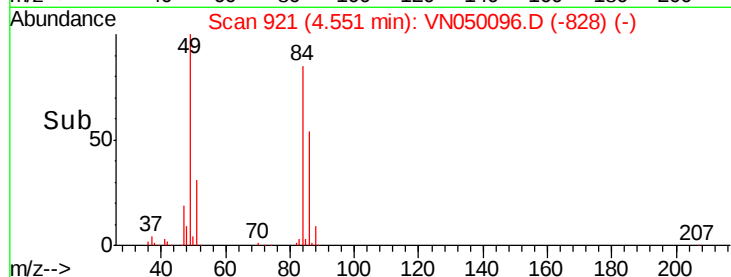
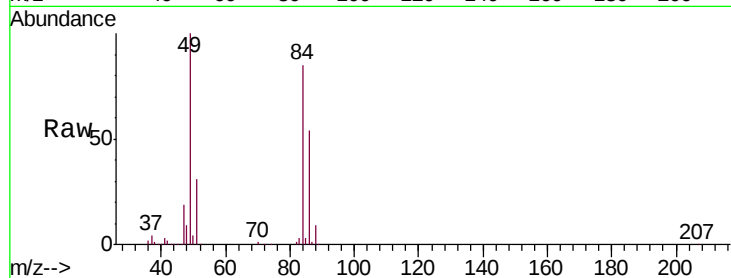




#20
Methvlene Chloride
Concen: 98.63 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

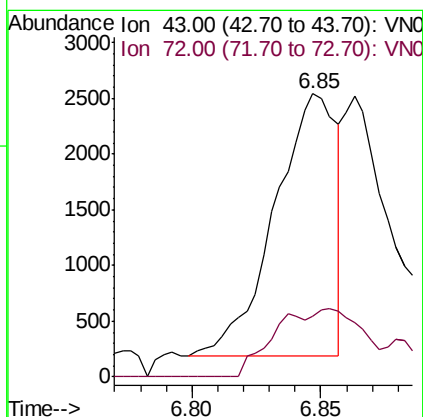
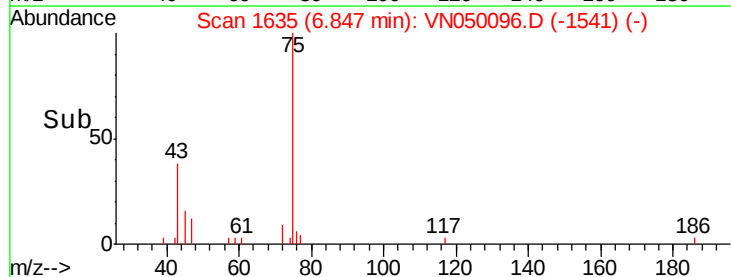
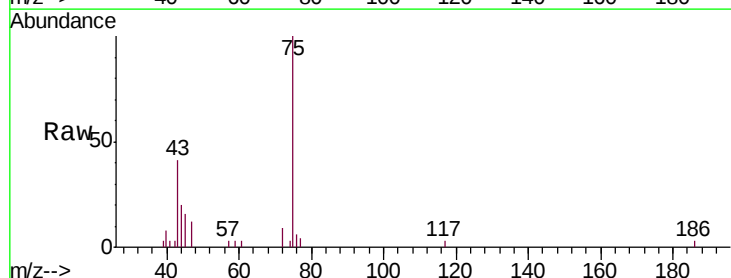
Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-1

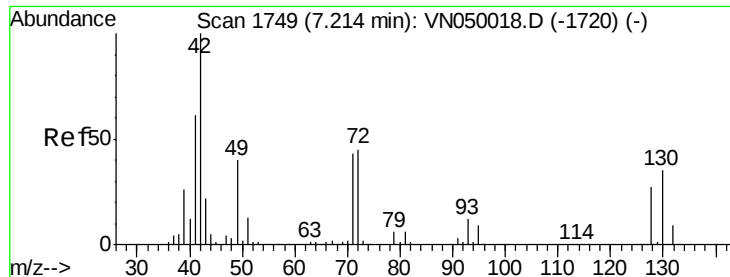
Tot Ion: 84 Resp: 837744
Ion Ratio Lower Upper
84 100
49 118.2 94.8 142.2
51 36.1 28.3 42.5
86 63.8 51.0 76.6



#25
2-Butanone
Concen: 1.06 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
72 23.2 21.5 32.3





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 7.21 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

LA-SOIL-1

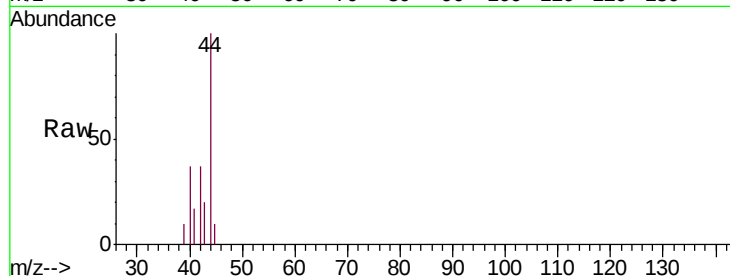
Tot Ion: 42 Resp: 615

Ion Ratio Lower Upper

42 100

72 35.9 35.9 53.9

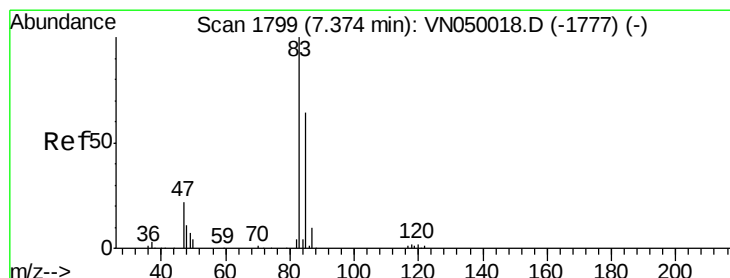
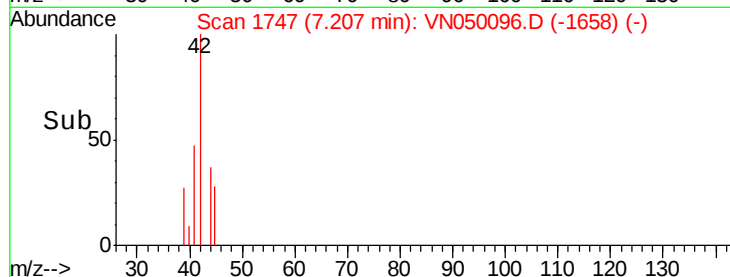
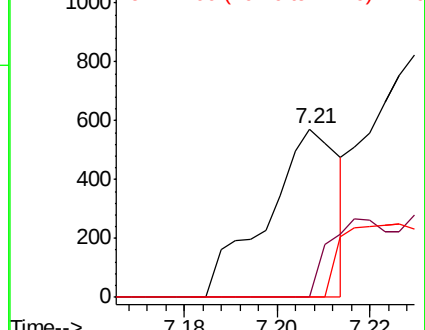
71 0.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.44 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050096.D

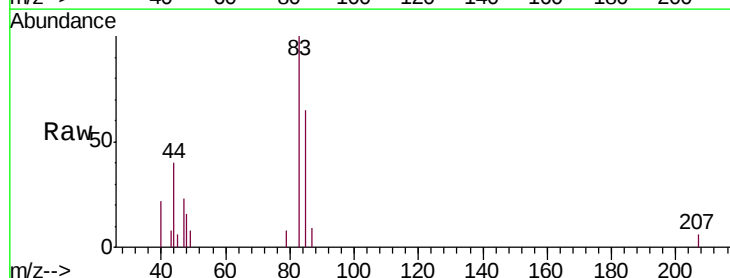
Acq: 26 Jul 2018 21:01

Tgt Ion: 83 Resp: 7189

Ion Ratio Lower Upper

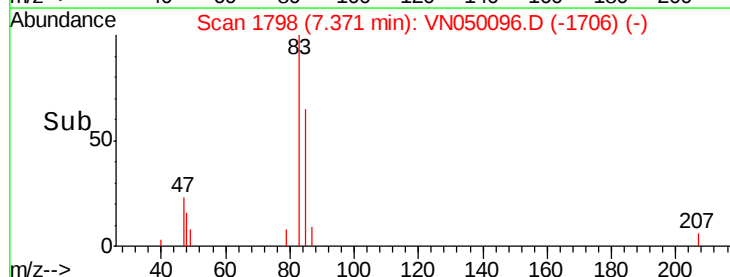
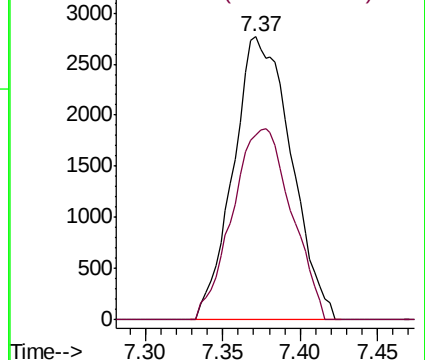
83 100

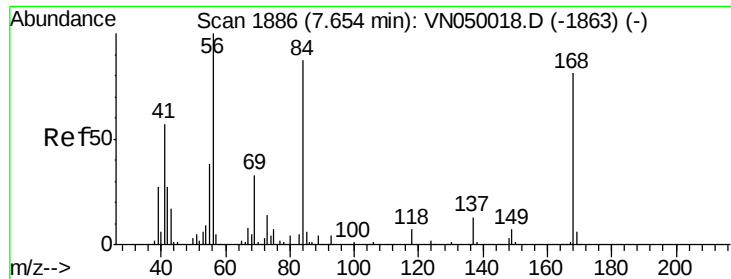
85 65.3 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

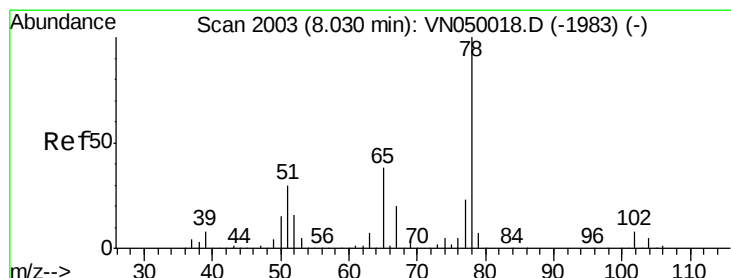
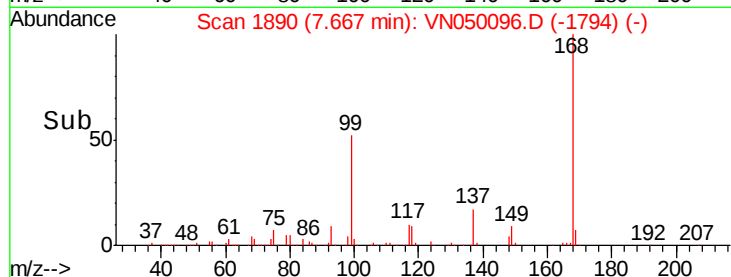
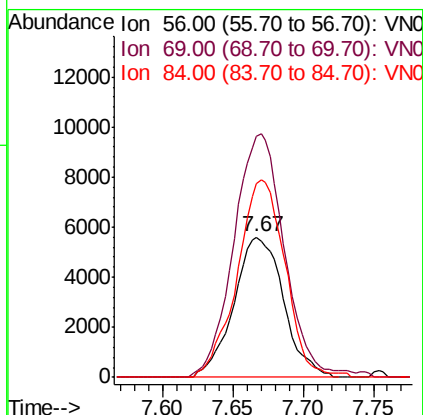
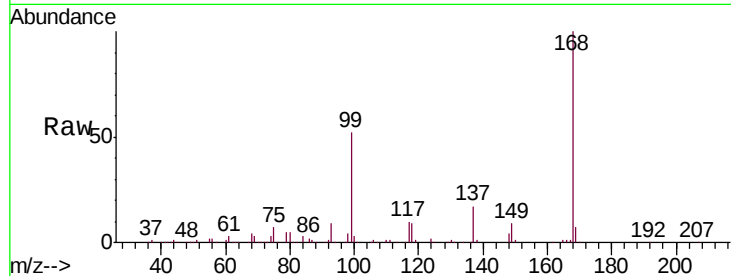




#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

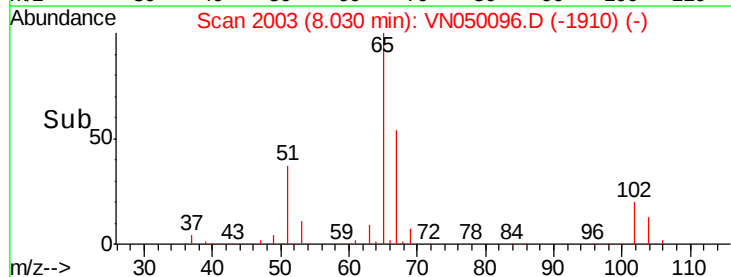
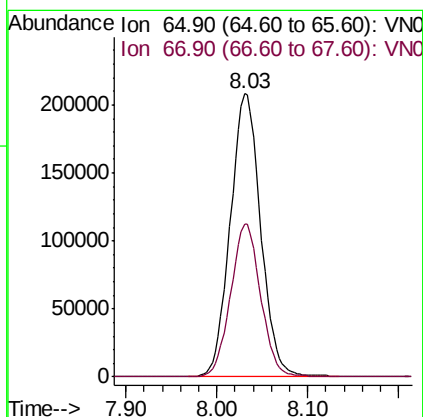
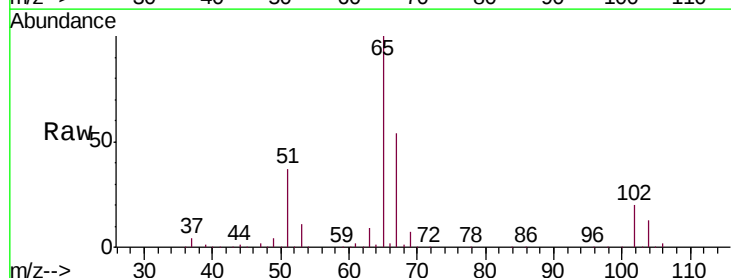
Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-1

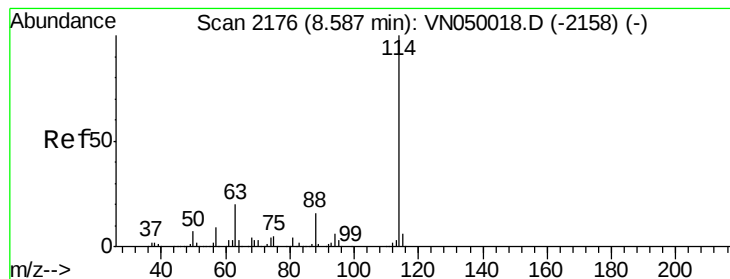
Tot Ion: 56 Resp: 13817
Ion Ratio Lower Upper
56 100
69 171.6 26.2 39.4#
84 137.7 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 49.92 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion: 65 Resp: 484207
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

LA-SOIL-1

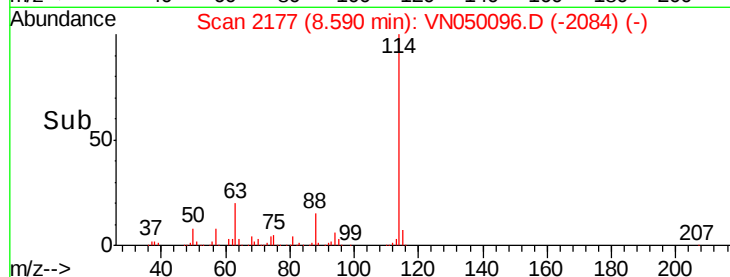
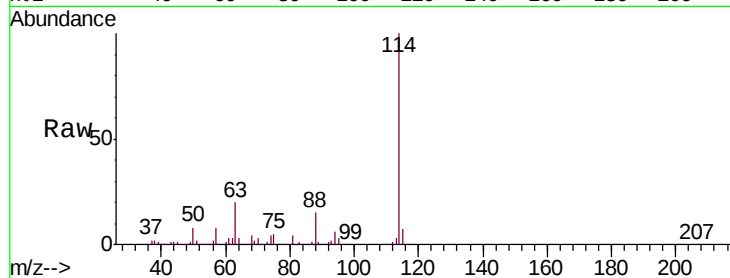
Tot Ion:114 Resp: 1131242

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

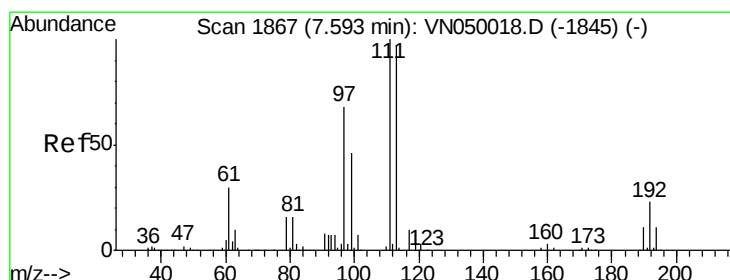
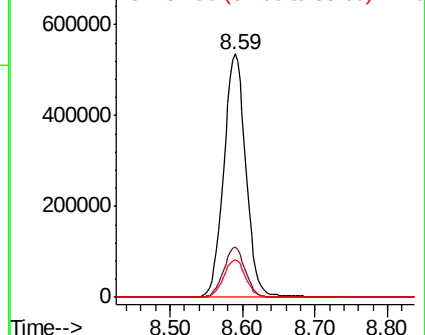
88 15.5 0.0 31.2



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: 46.21 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

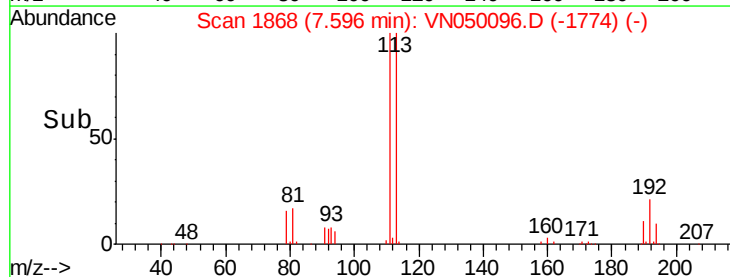
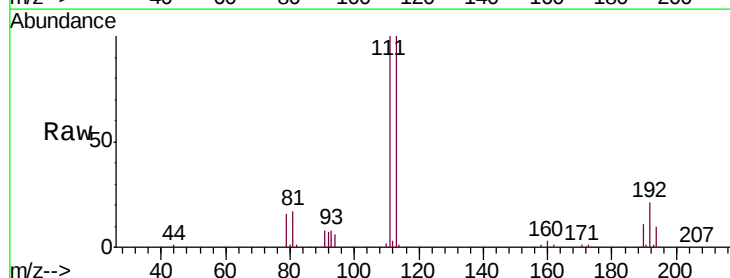
Tgt Ion:113 Resp: 426779

Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

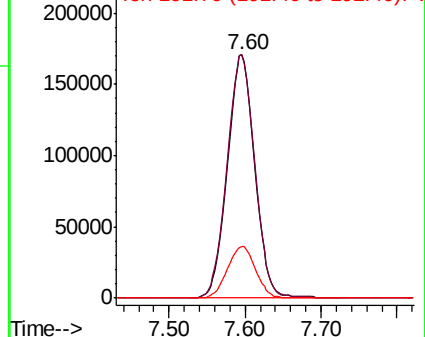
192 22.0 17.8 26.6

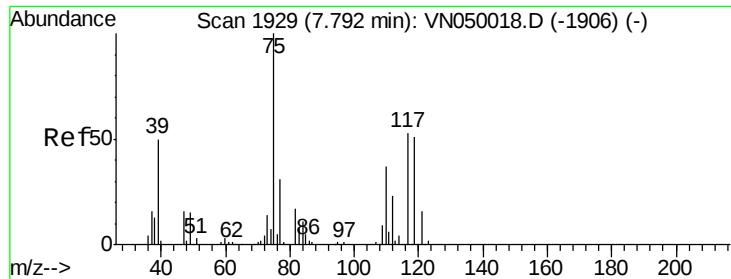


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

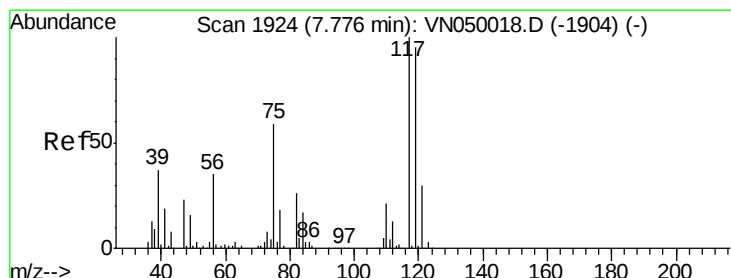
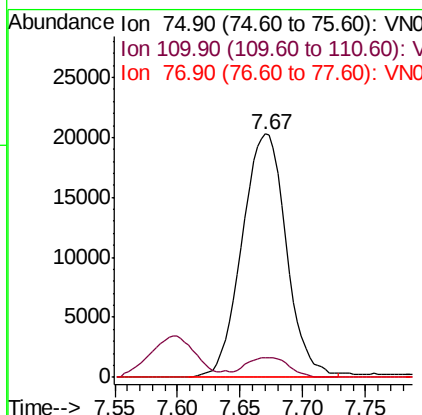
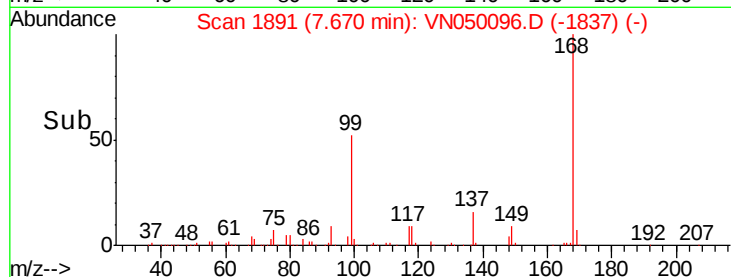
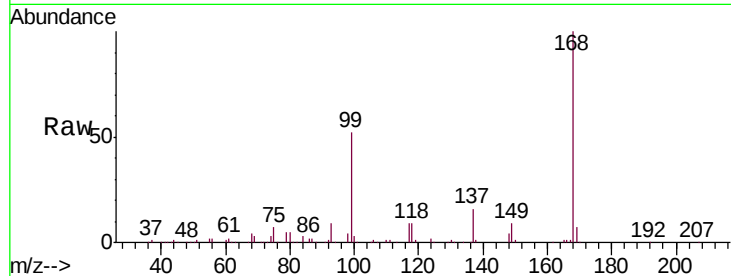




#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050096.D
 Acq: 26 Jul 2018 21:01

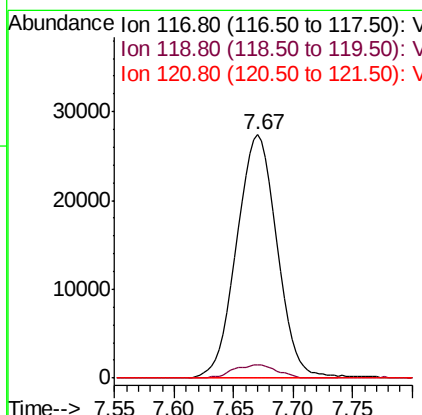
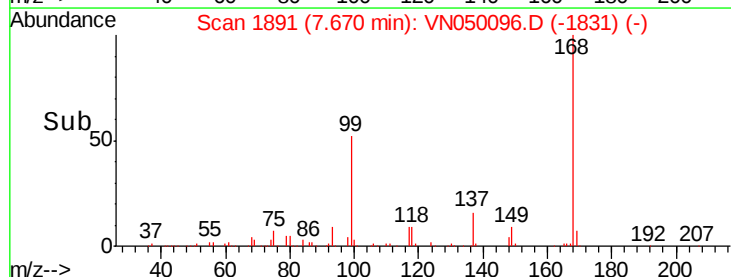
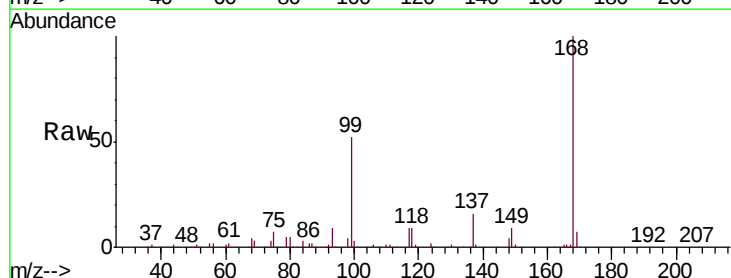
Instrument :
 MSVOA_N
 ClientSampled :
 LA-SOIL-1

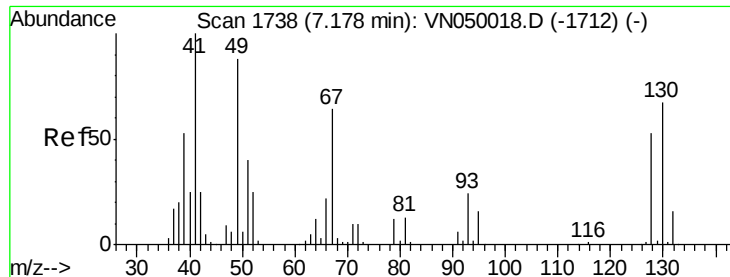
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.77 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050096.D
 Acq: 26 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.4	116.0#
121	0.0	23.9	35.9#

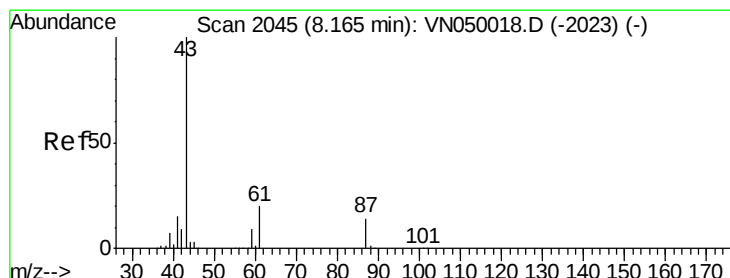
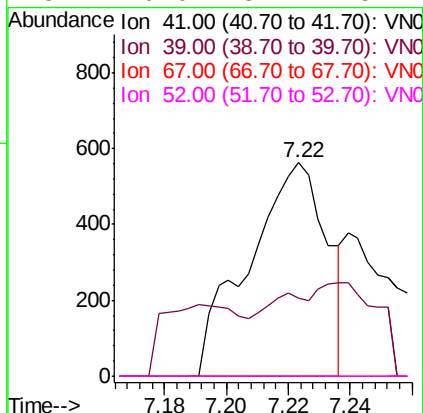
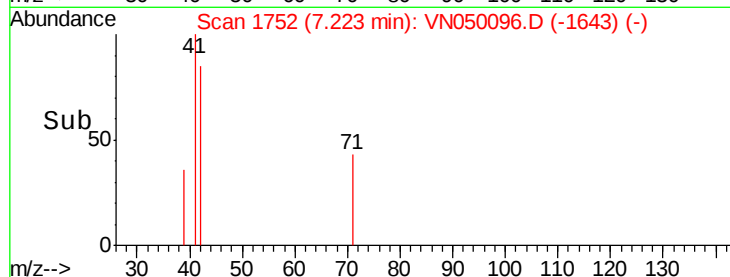
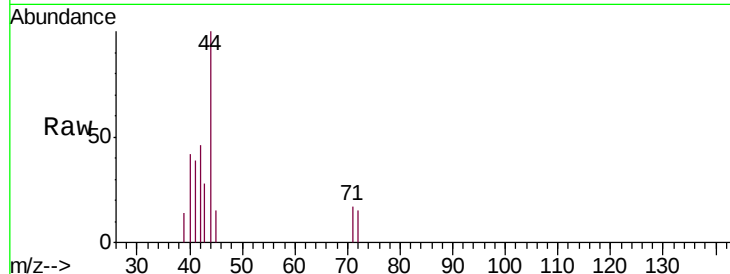




#41
Methacrylonitrile
Concen: 2.95 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.05 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

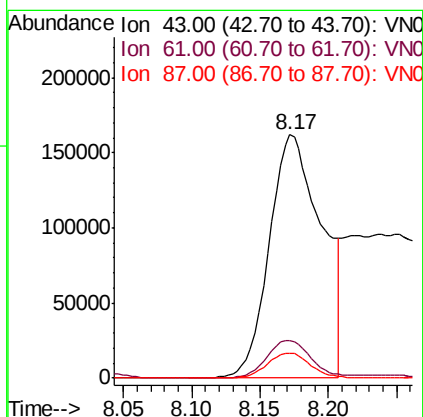
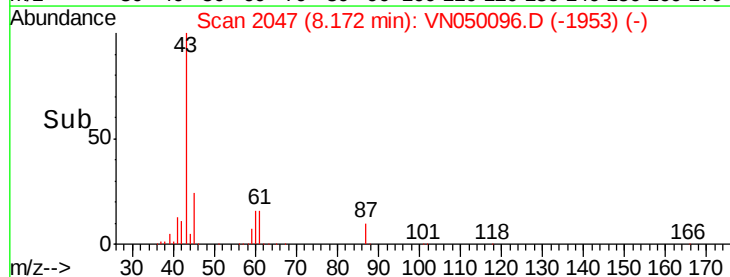
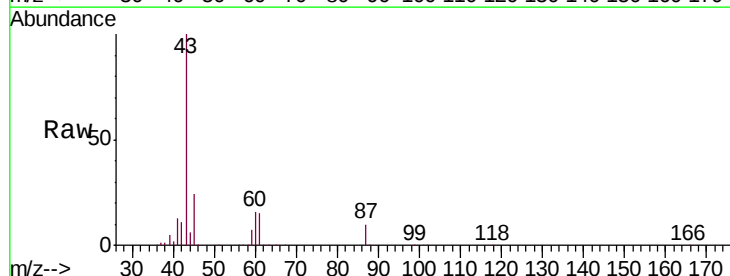
Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-1

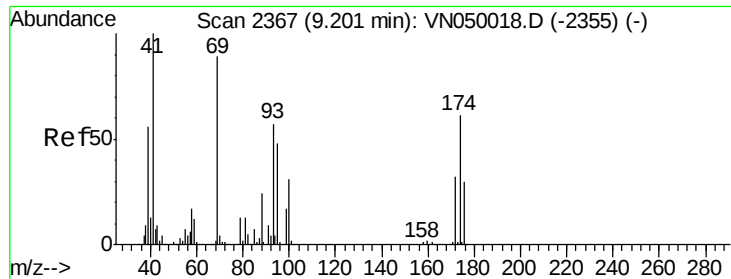
Tot Ion: 41 Resp: 989
Ion Ratio Lower Upper
41 100
39 4.8 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 25.20 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion: 43 Resp: 431460
Ion Ratio Lower Upper
43 100
61 13.6 15.8 23.6#
87 8.5 10.3 15.5#

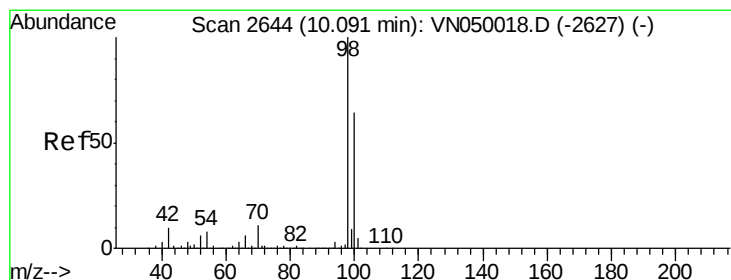
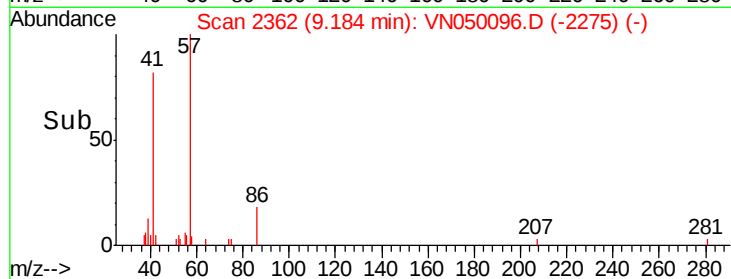
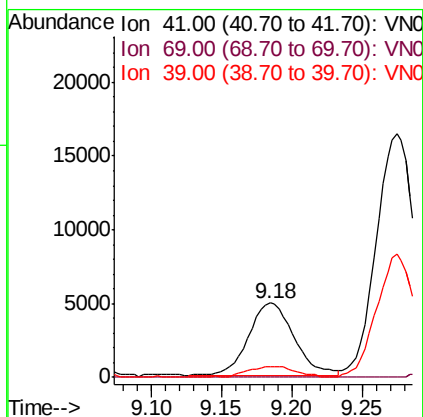
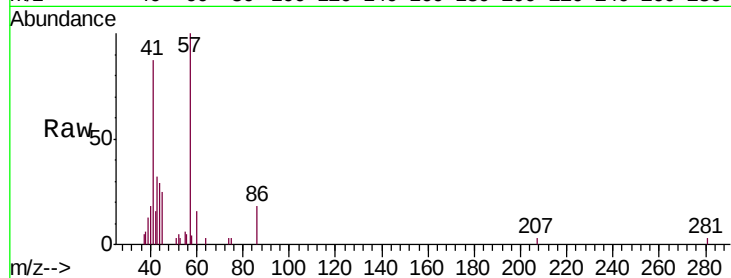




#48
Methyl methacrylate
Concen: 1.43 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

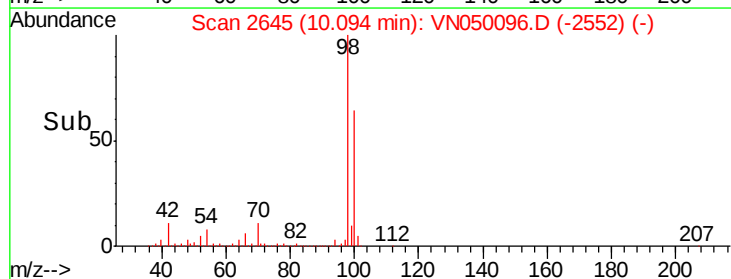
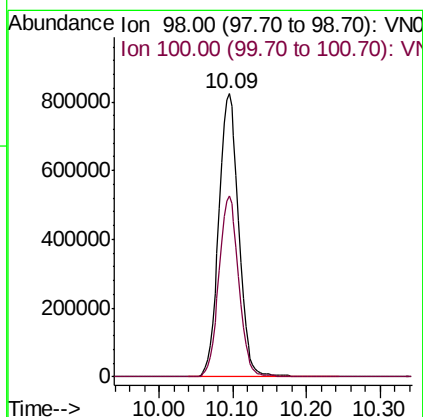
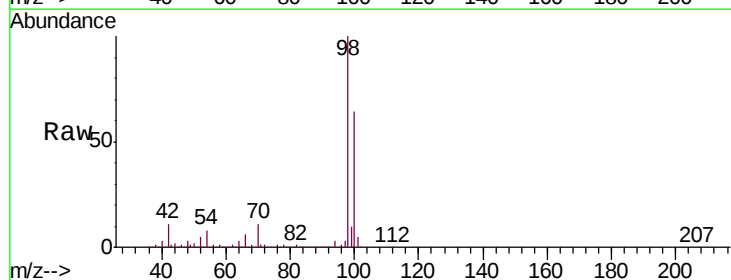
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-1

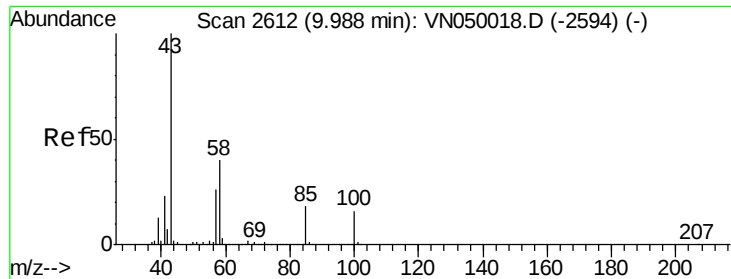
Tot Ion: 41 Resp: 10960
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 15.8 43.9 65.9#



#50
Toluene-d8
Concen: 45.38 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion: 98 Resp: 1540863
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1

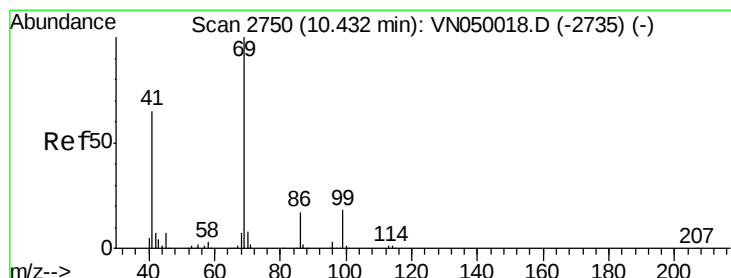
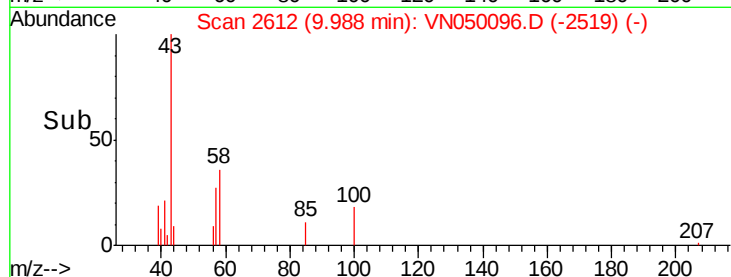
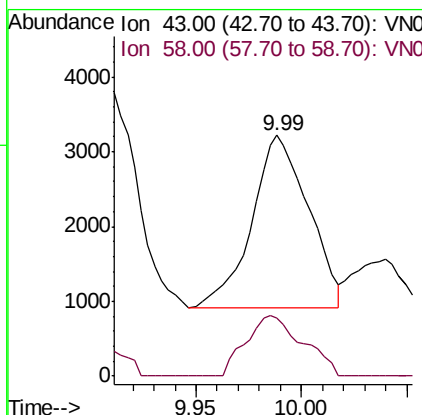
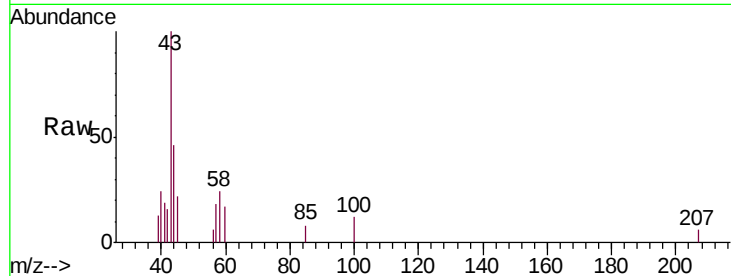




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

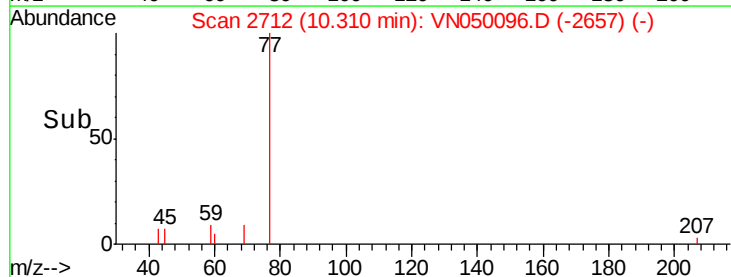
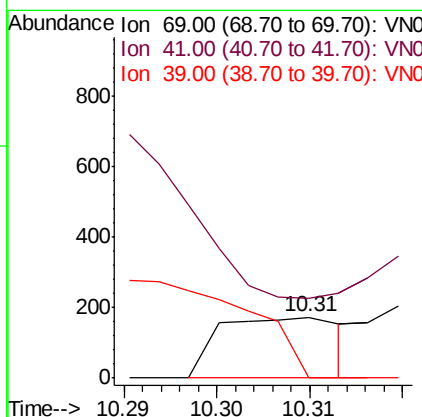
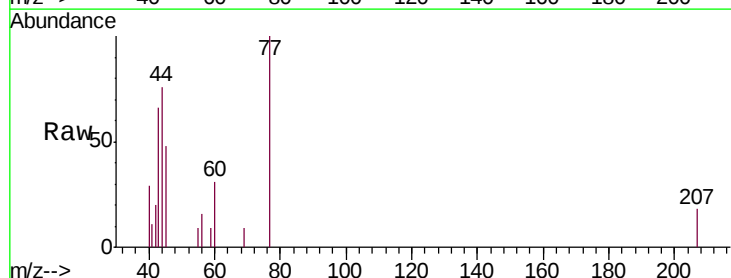
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-1

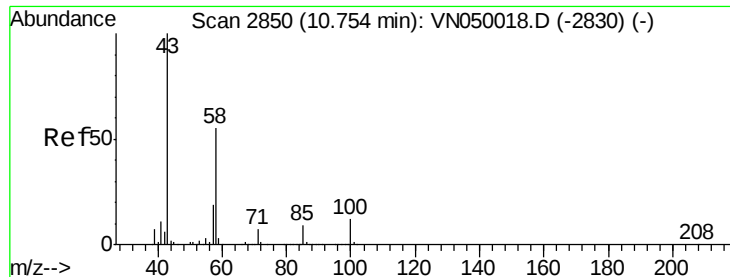
Tot Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
58 35.3 31.9 47.9



#56
Ethyl methacrylate
Concen: 2.04 ug/l
RT: 10.31 min Scan# 2712
Delta R.T. -0.12 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion: 69 Resp: 155
Ion Ratio Lower Upper
69 100
41 0.0 51.0 76.4#
39 0.0 26.6 40.0#

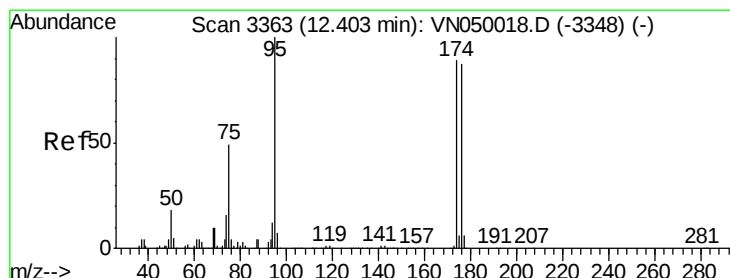
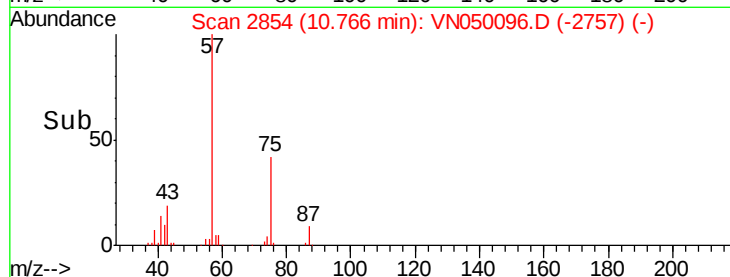
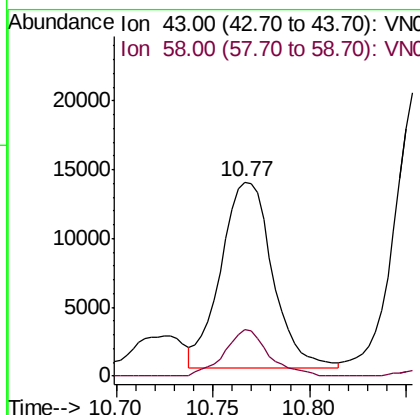
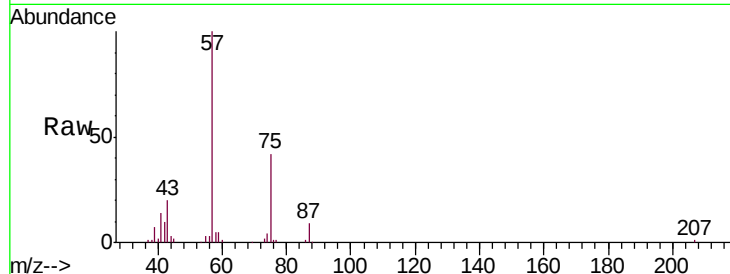




#59
2-Hexanone
Concen: 8.98 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

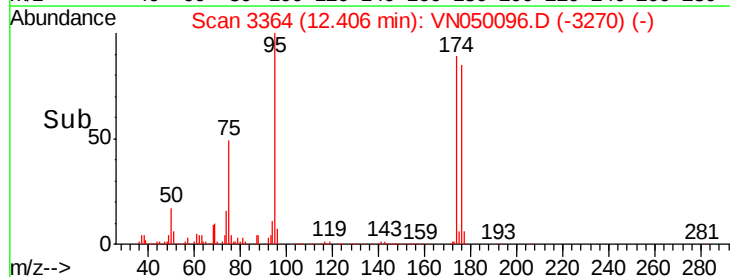
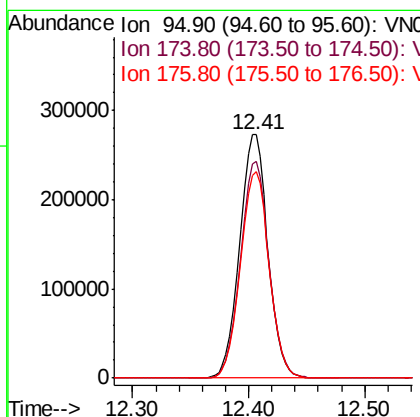
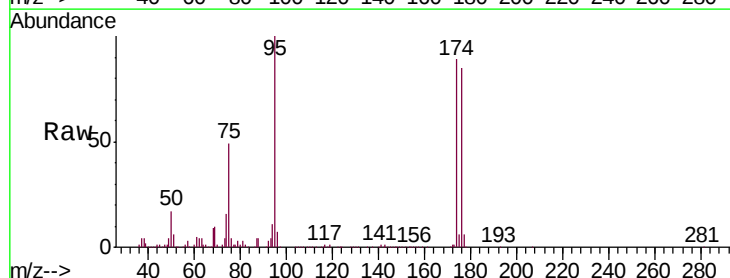
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-1

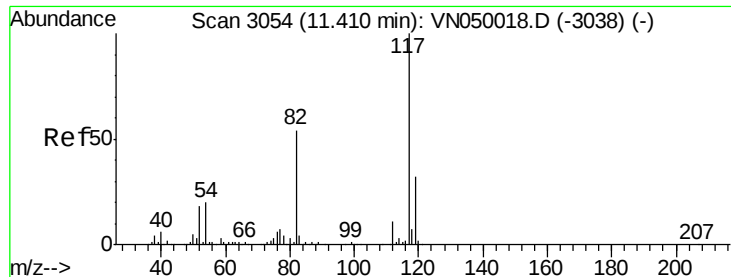
Tot Ion: 43 Resp: 24967
Ion Ratio Lower Upper
43 100
58 21.5 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 41.09 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion: 95 Resp: 459447
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 86.4 0.0 173.4

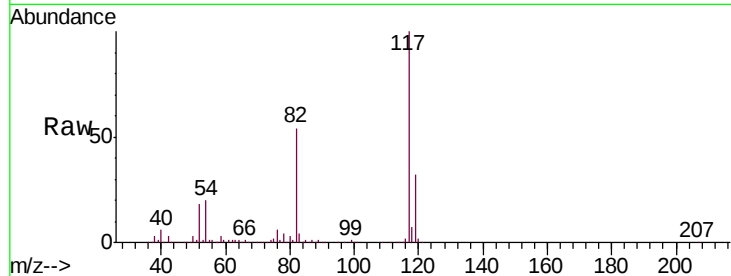




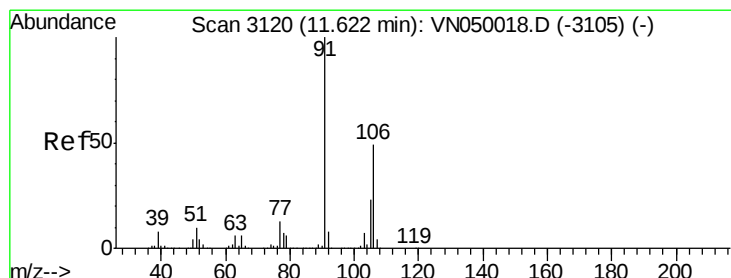
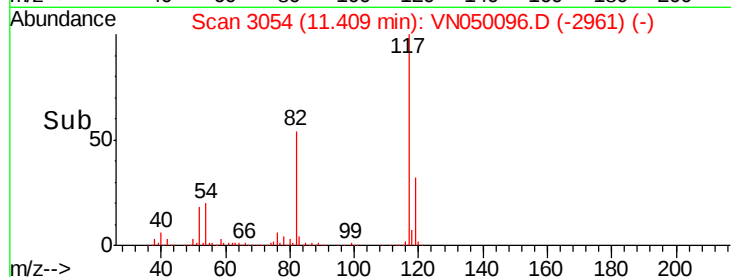
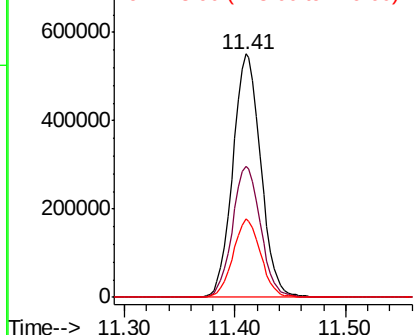
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-1

Tot Ion:117 Resp: 969118
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.0 26.1 39.1

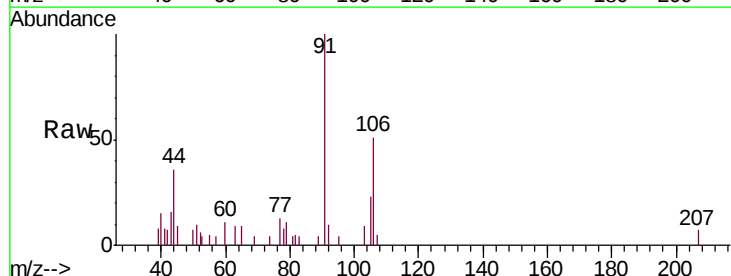


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

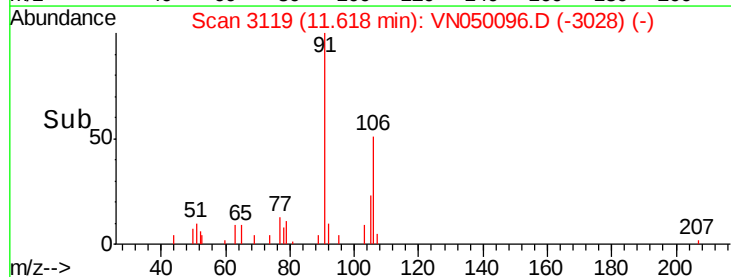
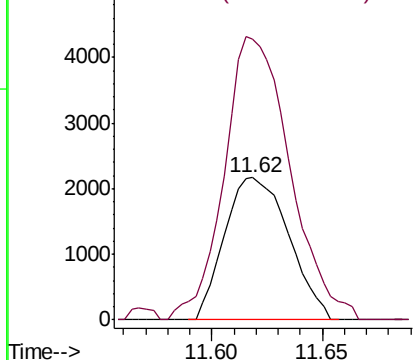


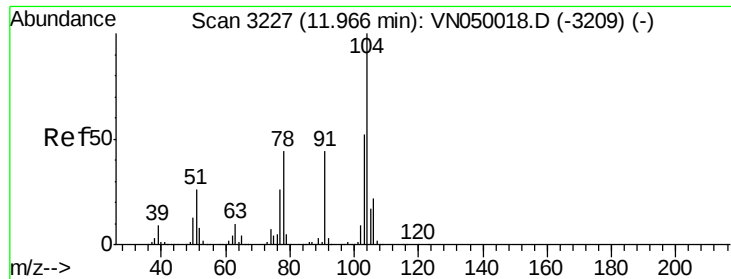
#68
m/p-Xylenes
Concen: 0.29 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion:106 Resp: 4379
Ion Ratio Lower Upper
106 100
91 204.5 162.2 243.2



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

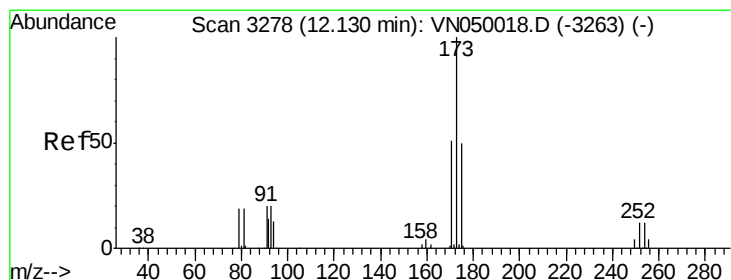
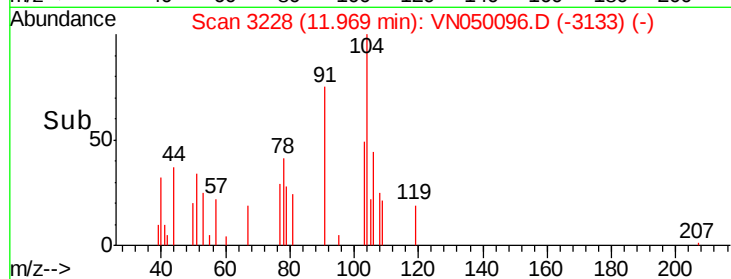
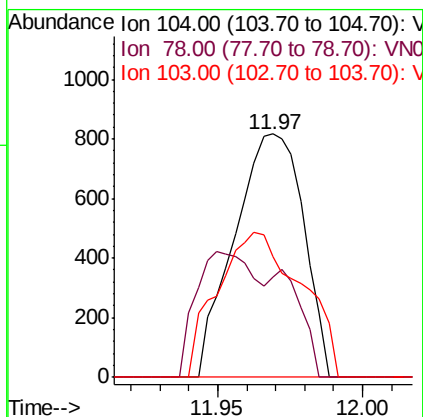
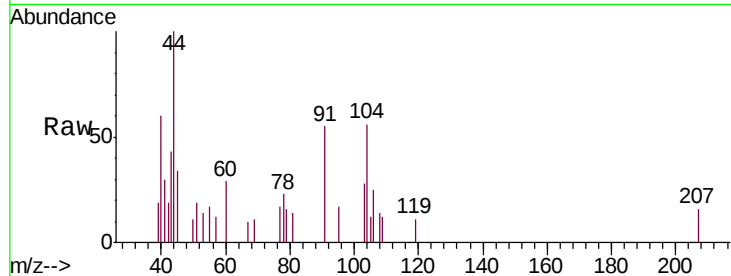




#70
Stvrene
Concen: 0.98 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.00 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

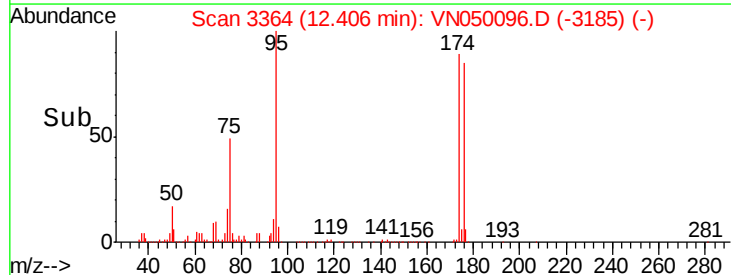
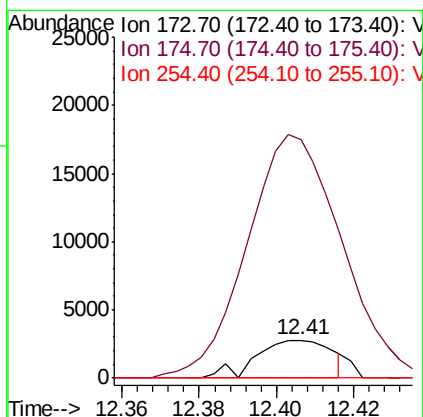
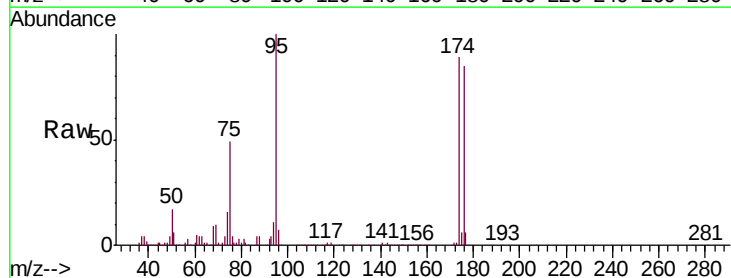
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-1

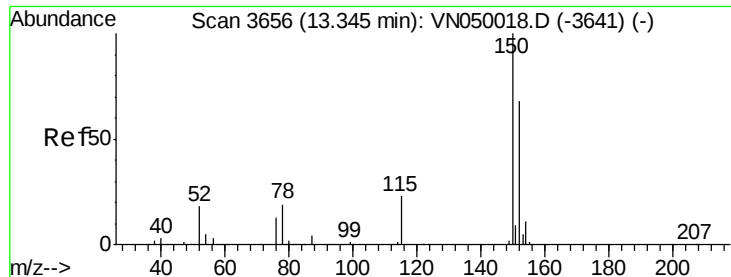
Tot Ion:104 Resp: 1348
Ion Ratio Lower Upper
104 100
78 45.4 39.3 58.9
103 72.6 45.0 67.6#



#71
Bromoform
Concen: 0.55 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN050096.D
Acq: 26 Jul 2018 21:01

Tgt Ion:173 Resp: 3773
Ion Ratio Lower Upper
173 100
175 695.3 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

LA-SOIL-1

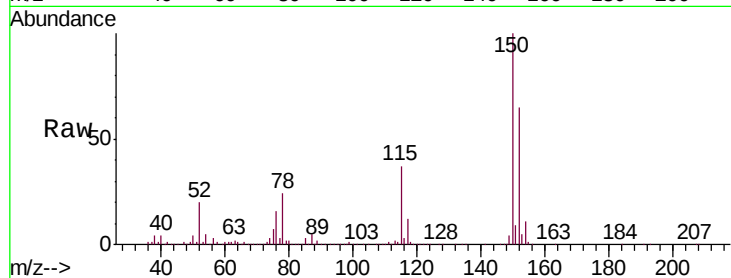
Tot Ion:152 Resp: 399633

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

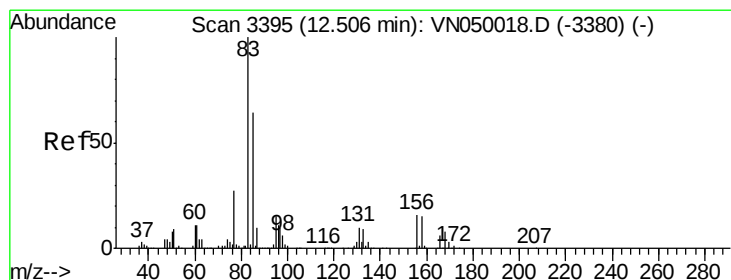
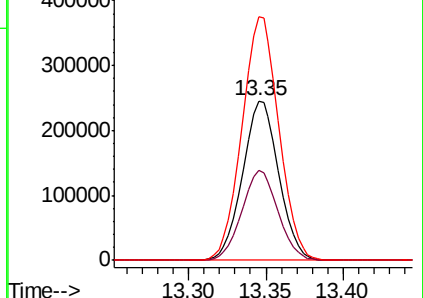
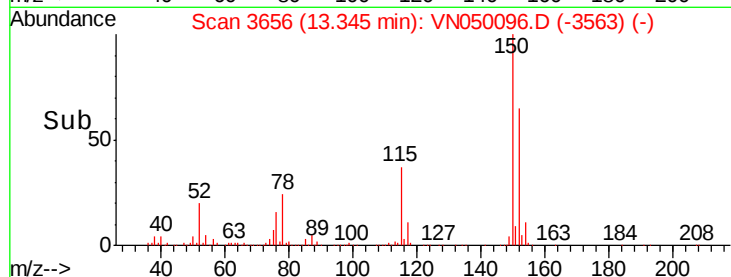
150 155.4 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

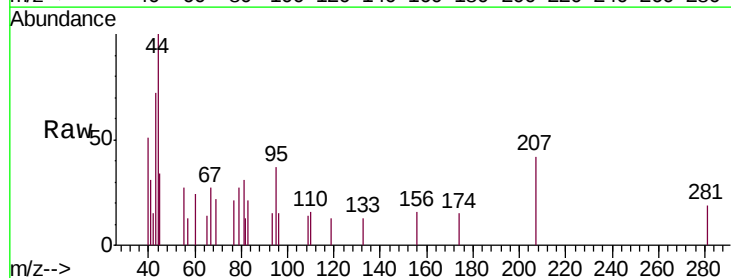
Tgt Ion: 83 Resp: 199

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

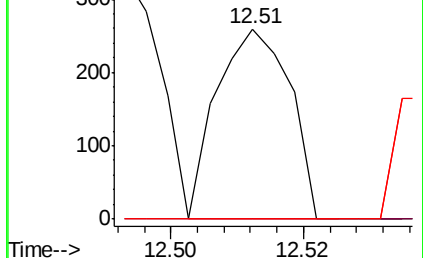
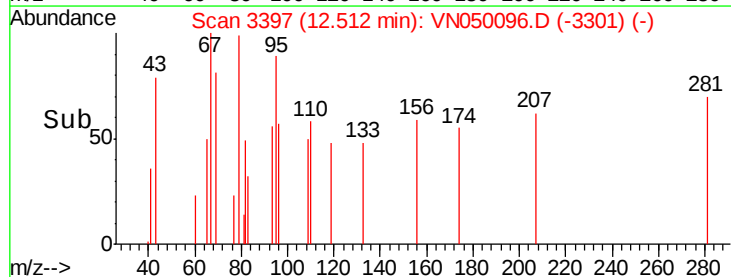
85 0.0 32.3 96.8#

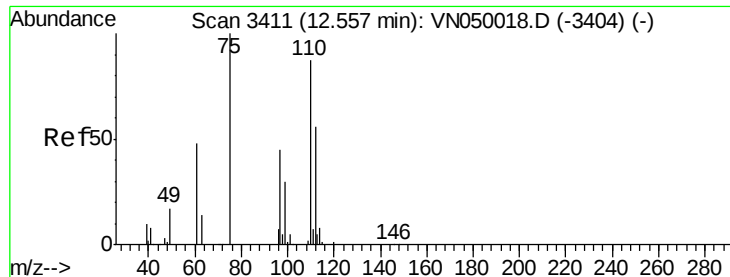


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 30.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

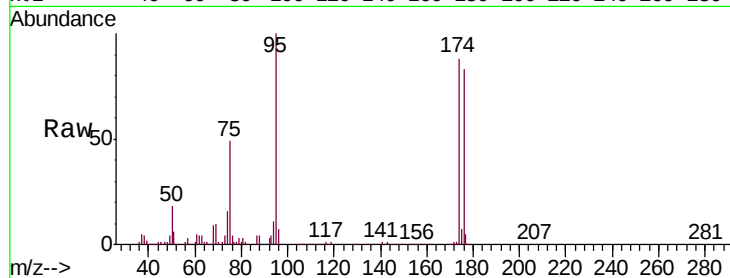
LA-SOIL-1

Tot Ion: 75 Resp: 226566

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3404) (-)

Ion 77.00 (76.70 to 77.70): VN050018.D (-3404) (-)

12.40

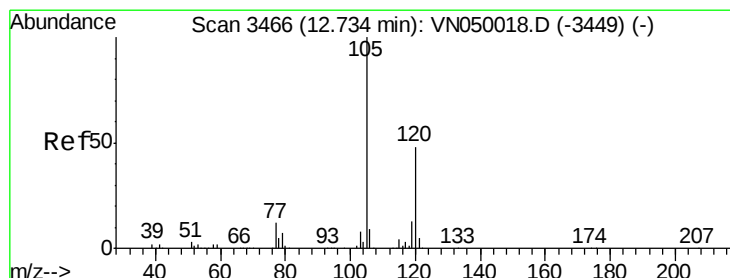
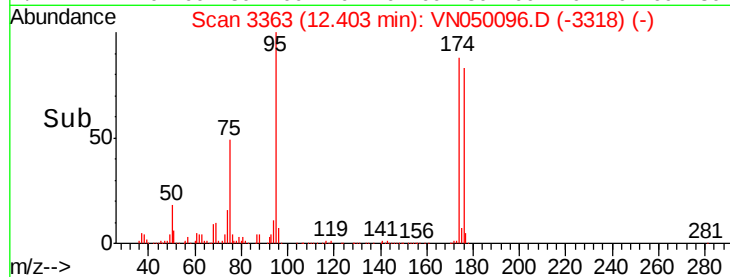
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.43 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050096.D

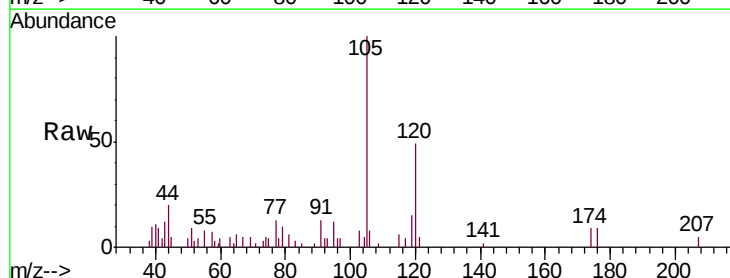
Acq: 26 Jul 2018 21:01

Tgt Ion: 105 Resp: 10587

Ion Ratio Lower Upper

105 100

120 51.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)

12.73

8000

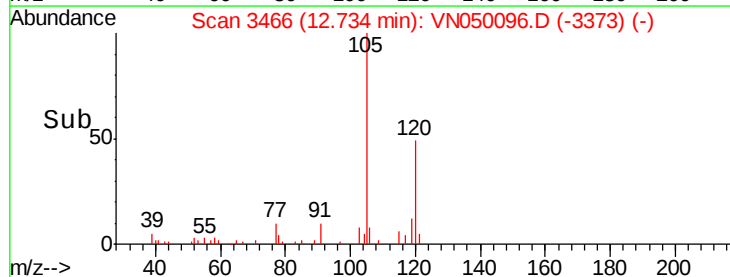
6000

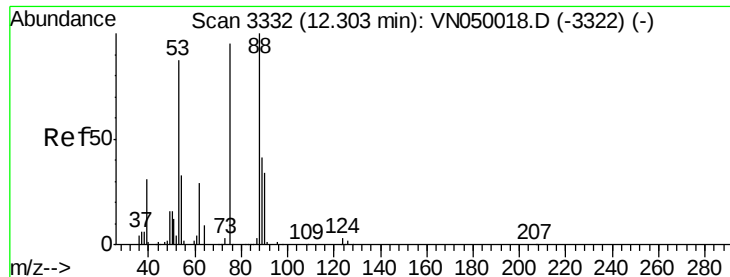
4000

2000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 96.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

LA-SOIL-1

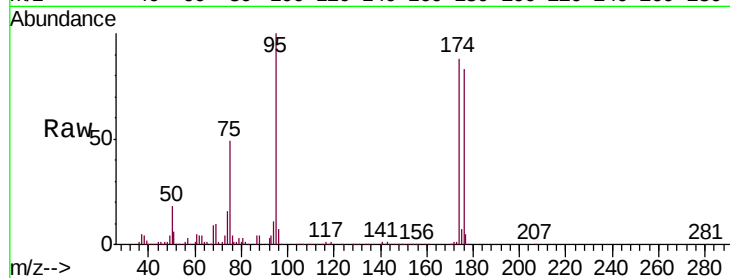
Tot Ion: 75 Resp: 226566

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

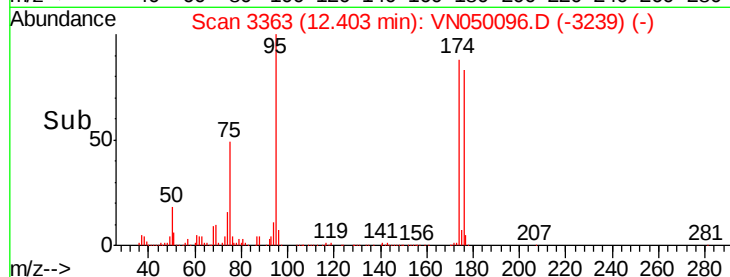
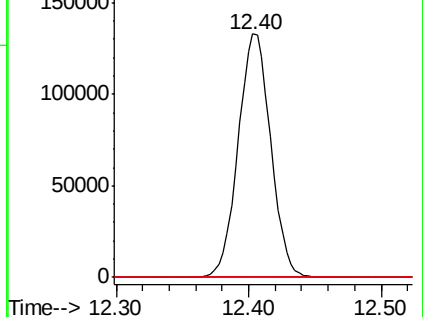
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050096.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050096.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050096.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.43 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050096.D

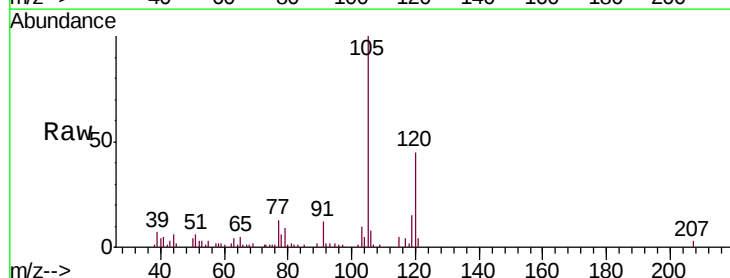
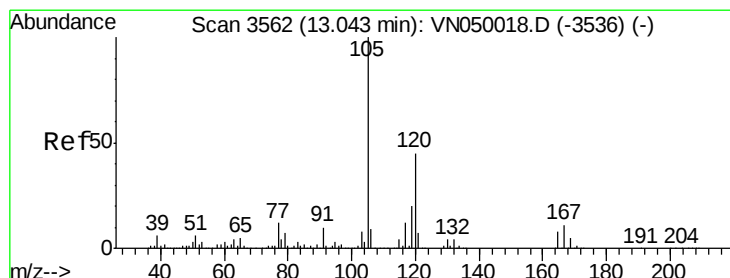
Acq: 26 Jul 2018 21:01

Tgt Ion: 105 Resp: 35086

Ion Ratio Lower Upper

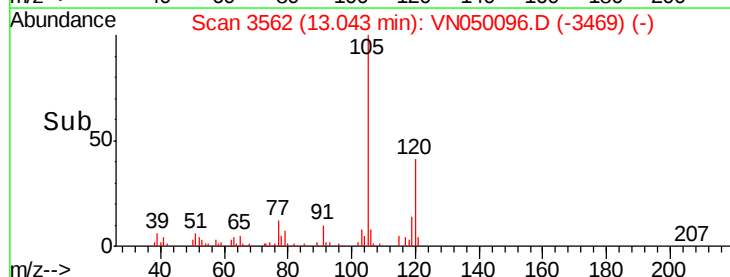
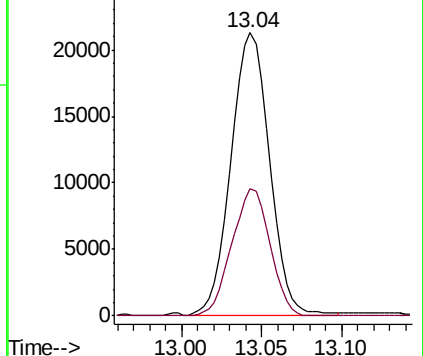
105 100

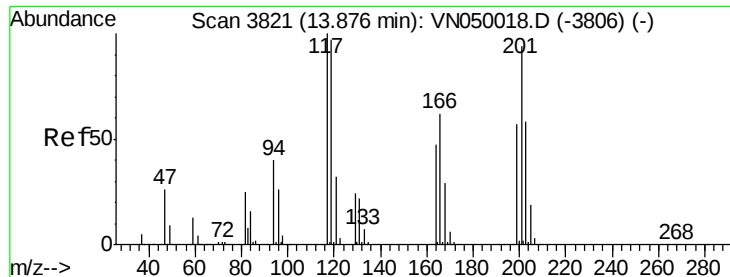
120 44.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN050096.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN050096.D (-3562) (-)





#90

Hexachloroethane

Concen: 0.20 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

Instrument :

MSVOA_N

ClientSampled :

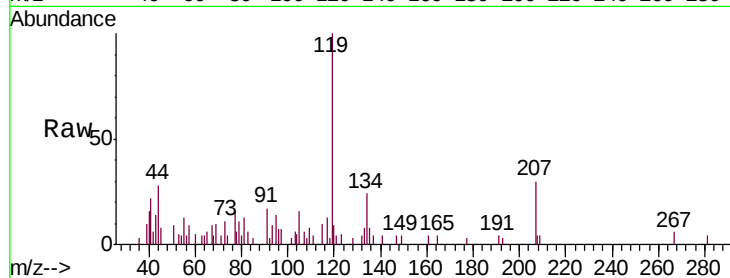
LA-SOIL-1

Tot Ion:117 Resp: 1082

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

800

600

400

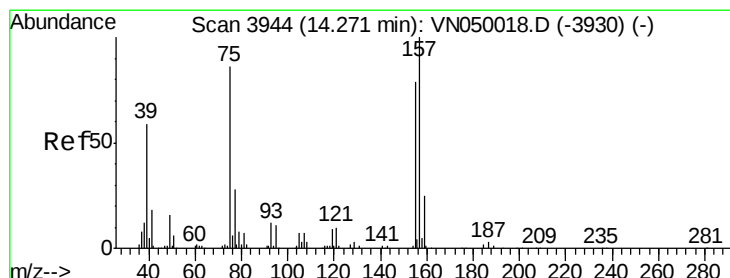
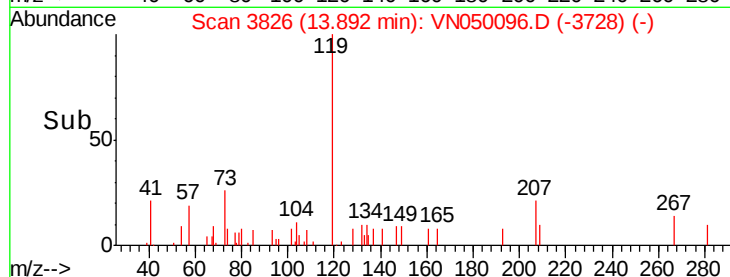
200

0

13.85

13.89

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN050096.D

Acq: 26 Jul 2018 21:01

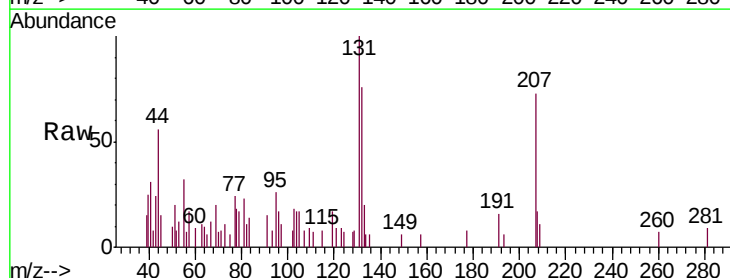
Tgt Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 51.6 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

200

150

100

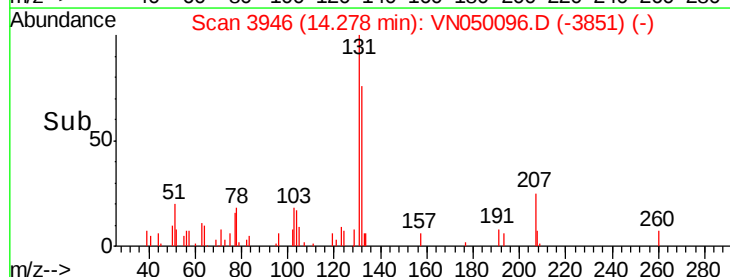
50

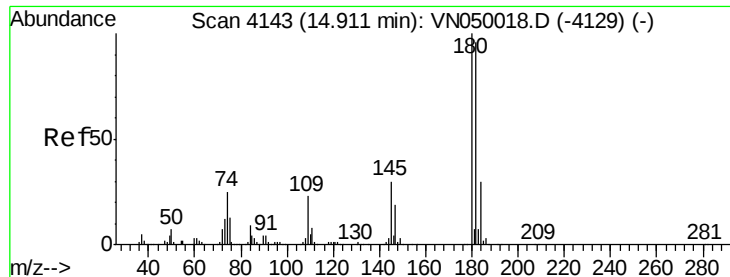
0

14.27

14.28

Time-->

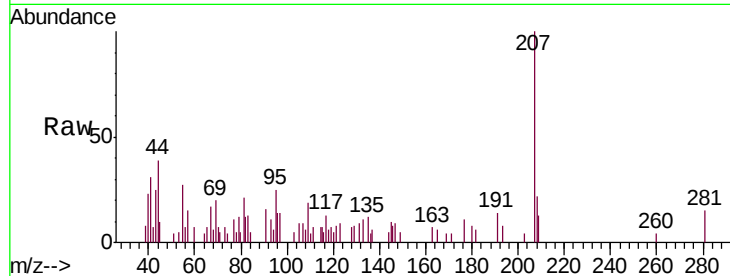




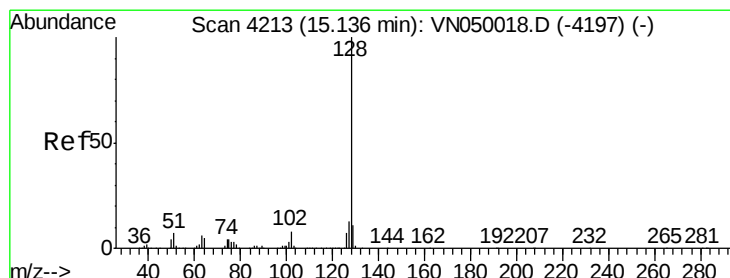
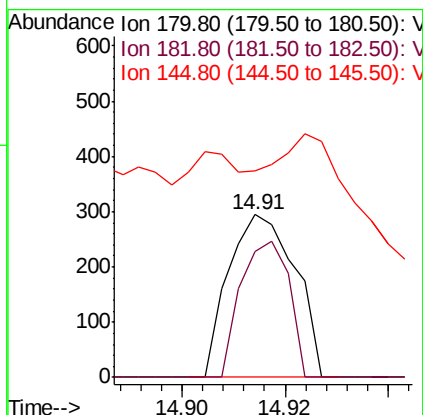
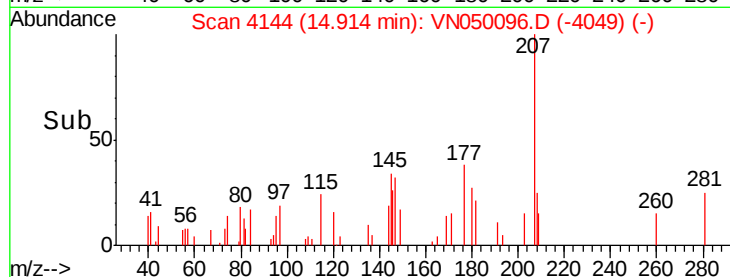
#93
 1,2,4-Trichlorobenzene
 Concen: 3.12 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050096.D
 Acq: 26 Jul 2018 21:01

Instrument :
 MSVOA_N
 ClientSampled :
 LA-SOIL-1

Tot Ion:180 Resp: 262
 Ion Ratio Lower Upper
 180 100
 182 60.7 46.7 140.1
 145 0.0 13.8 41.4#

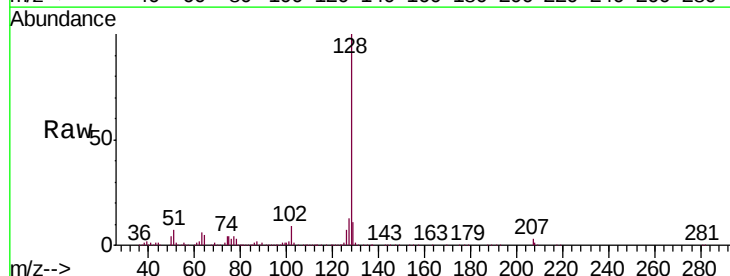


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 17.19 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050096.D
 Acq: 26 Jul 2018 21:01

Tgt Ion:128 Resp: 255744
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

