

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051417.D
 Acq On : 23 Sep 2018 16:50
 Operator : MD\SY
 Sample : J5021-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-B

Quant Time: Sep 24 06:47:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	704085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1078465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	923846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	417634	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	465546	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
35) Dibromofluoromethane	7.59	113	411980	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
50) Toluene-d8	10.09	98	1520250	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	12.40	95	450777	42.91	ug/l	0.00
Spiked Amount			Recovery	=	85.82%	

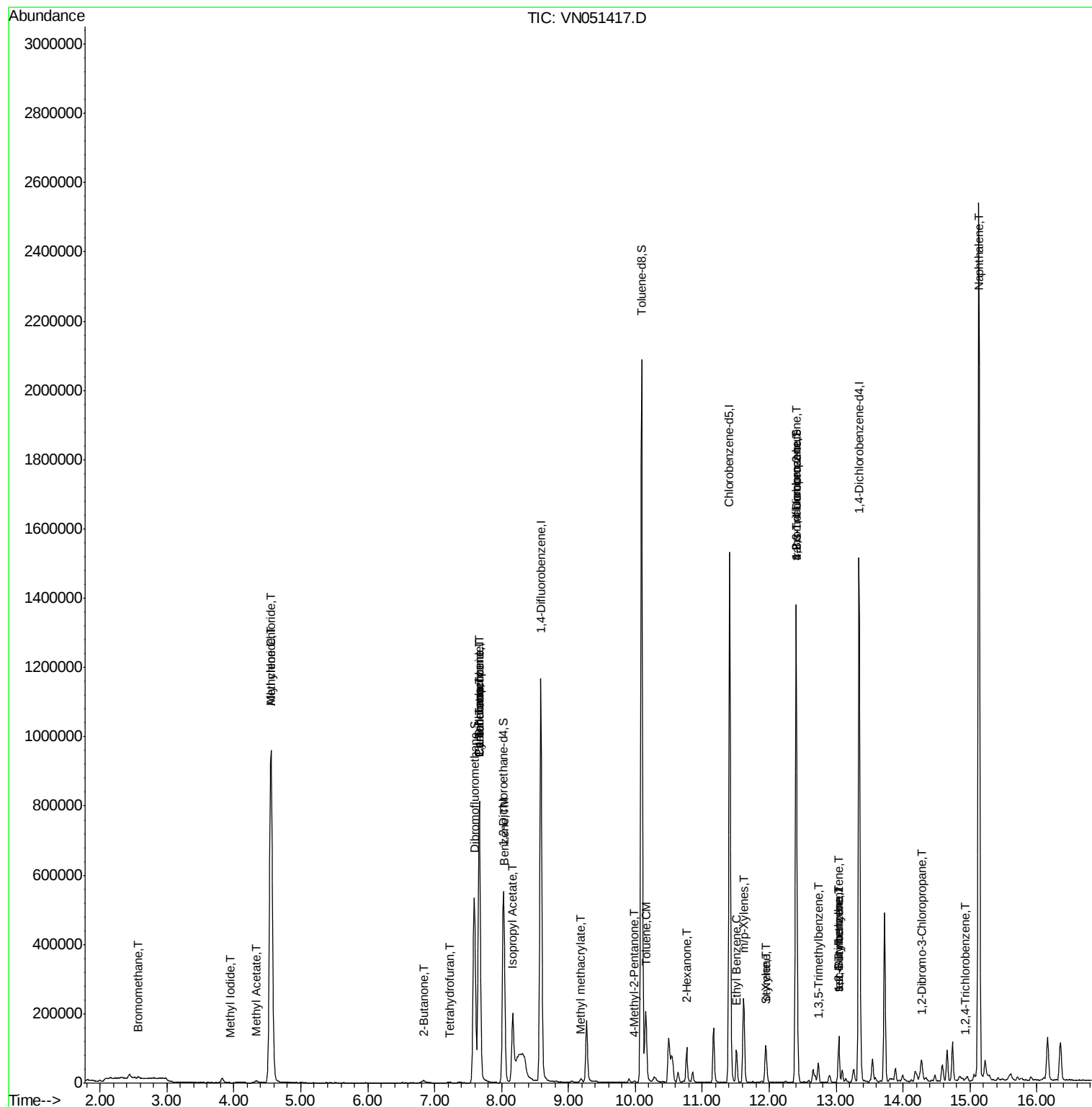
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1324	0.250	ug/l #	77
10) Methyl Iodide	3.96	142	31	0.279	ug/l #	42
14) Allyl chloride	4.55	41	28068	2.136	ug/l #	26
16) Acetone	3.82	43	22951	Below Cal		98
18) Methyl Acetate	4.33	43	12072	1.797	ug/l	97
20) Methylene Chloride	4.55	84	725366	83.111	ug/l	98
25) 2-Butanone	6.83	43	1781	0.590	ug/l	94
29) Tetrahydrofuran	7.22	42	586	0.306	ug/l #	62
31) Cyclohexane	7.67	56	12596	0.907	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	49345	3.951	ug/l #	49
38) Carbon Tetrachloride	7.67	117	63556	4.865	ug/l #	17
40) Benzene	8.05	78	42858	1.169	ug/l	96
43) Isopropyl Acetate	8.17	43	252048	19.411	ug/l	94
48) Methyl methacrylate	9.18	41	5674	0.876	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	2209	0.309	ug/l #	73
52) Toluene	10.16	92	85964	3.772	ug/l	99
59) 2-Hexanone	10.76	43	13107	2.831	ug/l #	61
67) Ethyl Benzene	11.51	91	66120	1.655	ug/l	95
68) m/p-Xylenes	11.62	106	78045	5.051	ug/l	97
69) o-Xylene	11.95	106	27117	1.826	ug/l	96
70) Styrene	11.96	104	11860	0.504	ug/l #	66
76) 1,2,3-Trichloropropane	12.40	75	222995	32.164	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	28848	1.004	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	222995	98.903	ug/l #	13
83) tert-Butylbenzene	13.04	119	10834	0.424	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	73879	2.552	ug/l	100
85) sec-Butylbenzene	13.04	105	73879	2.135	ug/l #	56
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1821	1.553	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	521	6.039	ug/l	83
95) Naphthalene	15.13	128	2144733	123.944	ug/l	100

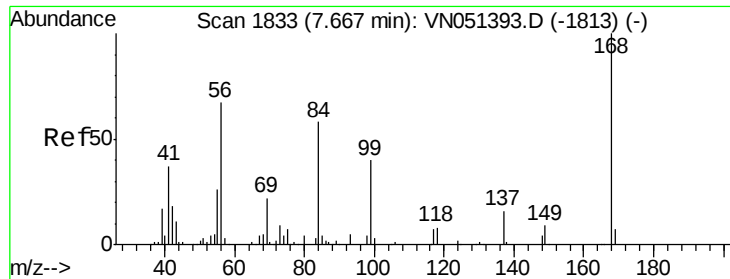
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051417.D
Acq On : 23 Sep 2018 16:50
Operator : MD\SY
Sample : J5021-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-B

Quant Time: Sep 24 06:47:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
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: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

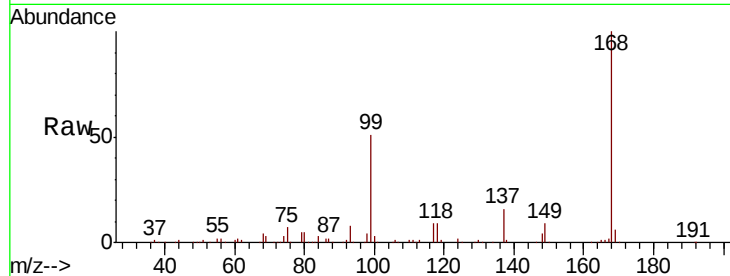
LS-SOIL-B

Tgt Ion:168 Resp: 704085

Ion Ratio Lower Upper

168 100

99 51.3 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

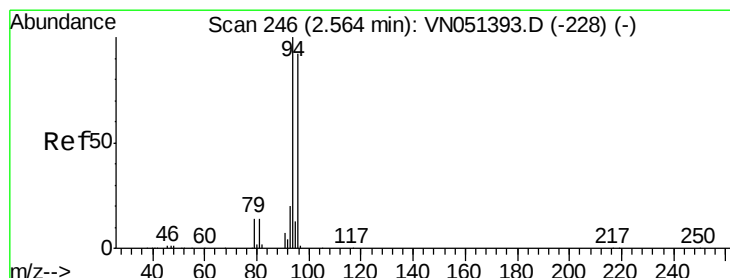
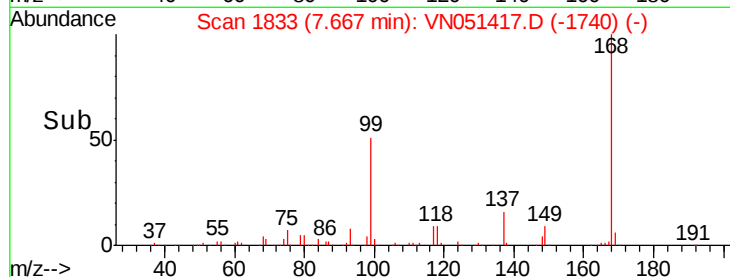
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.250 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051417.D

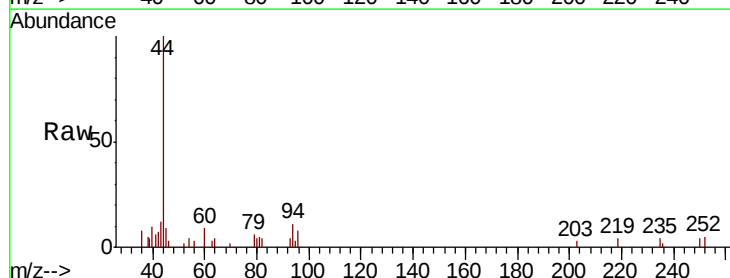
Acq: 23 Sep 2018 16:50

Tgt Ion: 94 Resp: 1324

Ion Ratio Lower Upper

94 100

96 70.1 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

800

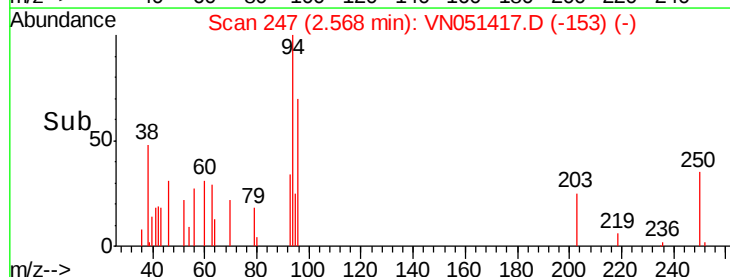
600

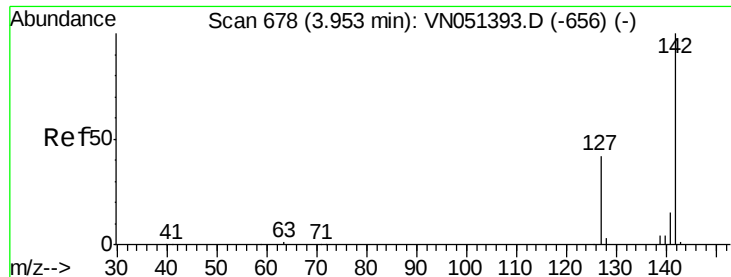
400

200

0

Time-->

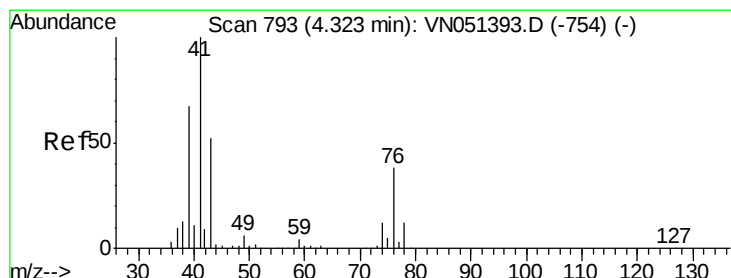
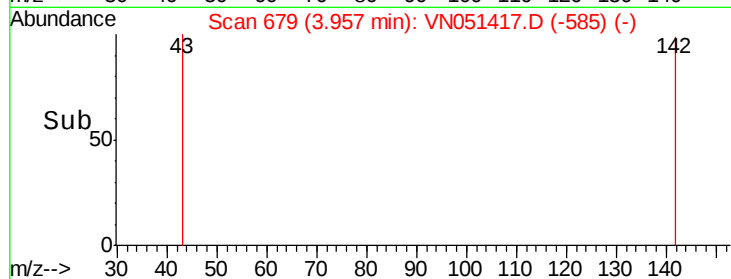
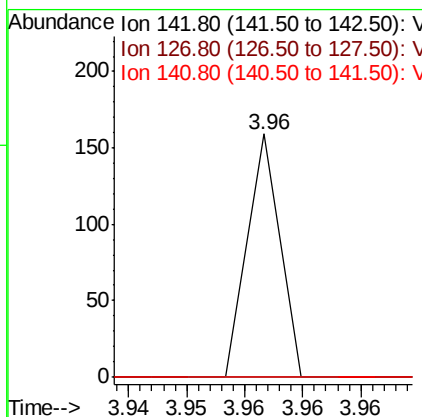
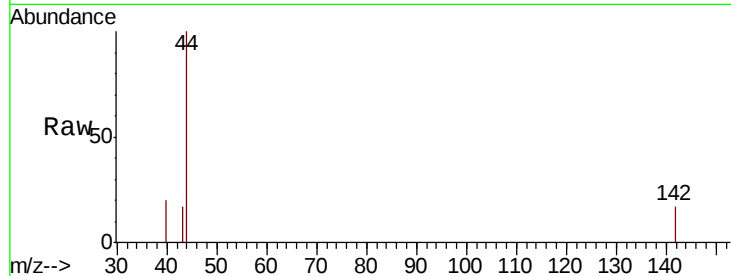




#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

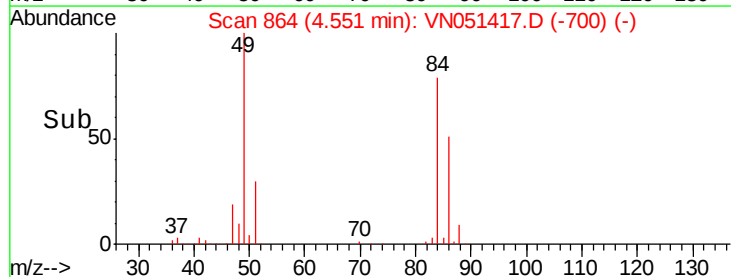
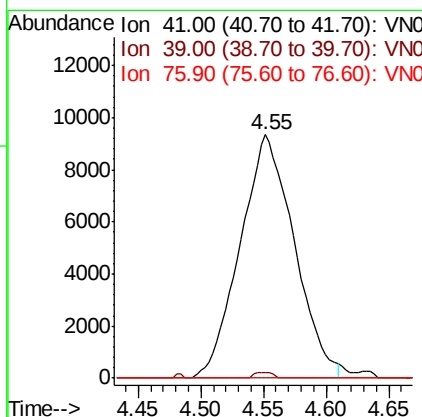
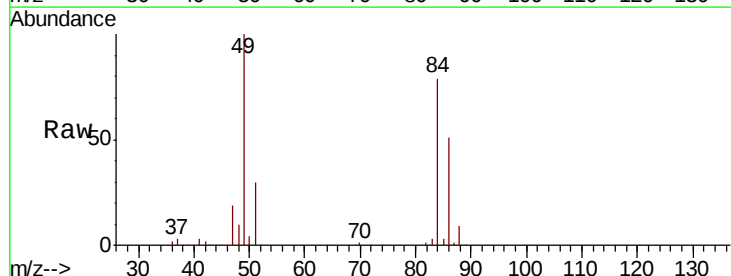
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-B

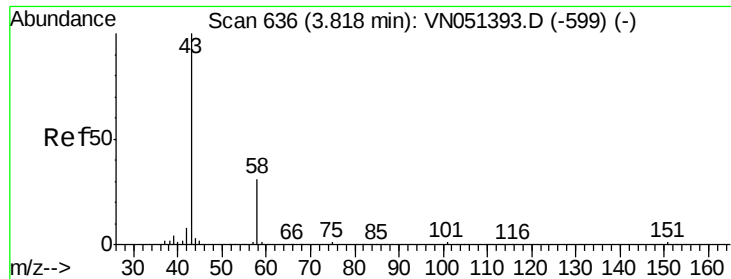
Tgt Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.2	49.8#
141	0.0	11.5	17.3#



#14
Allyl chloride
Concen: 2.136 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.8	51.4	77.2#
76	0.0	28.1	42.1#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

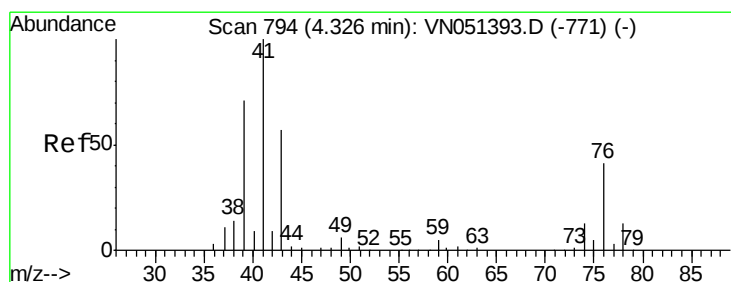
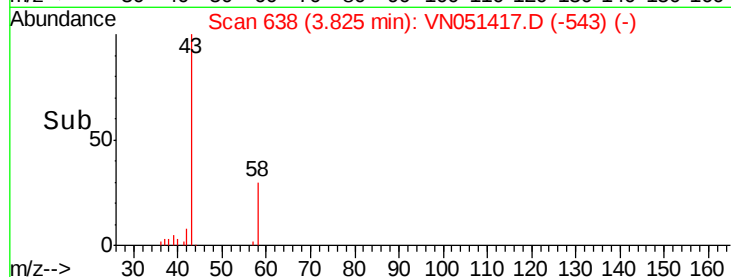
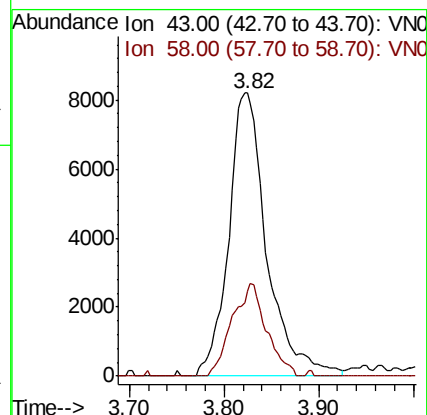
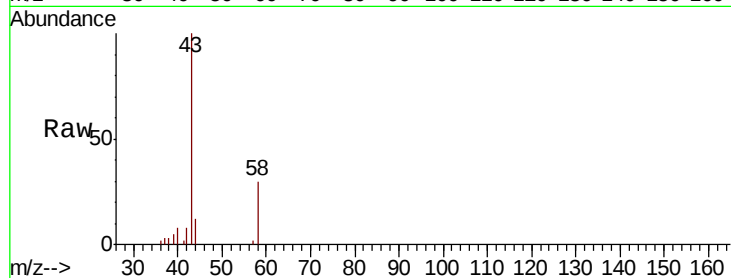
LS-SOIL-B

Tgt Ion: 43 Resp: 22951

Ion Ratio Lower Upper

43 100

58 30.0 25.0 37.4



#18

Methyl Acetate

Concen: 1.797 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051417.D

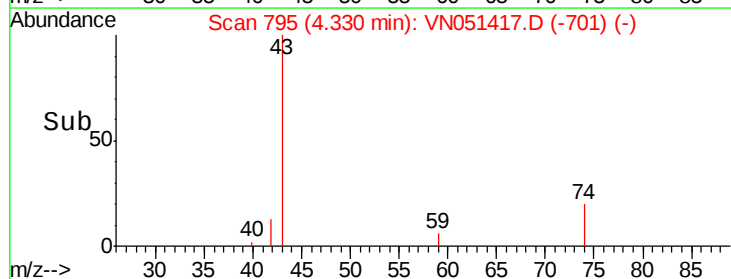
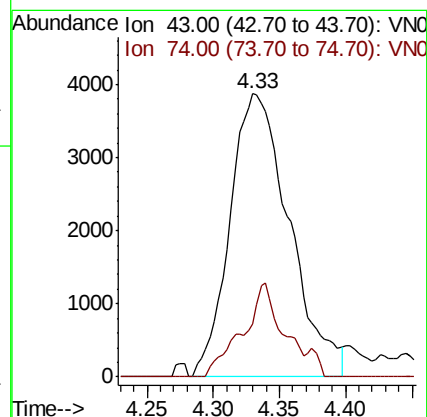
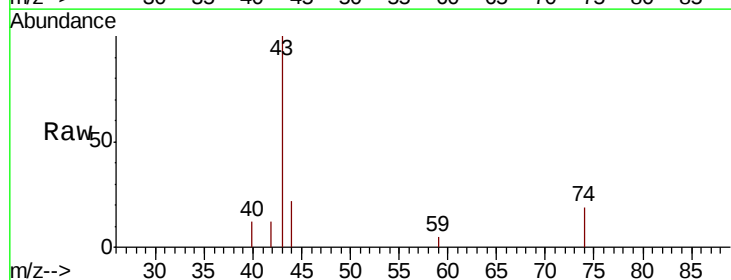
Acq: 23 Sep 2018 16:50

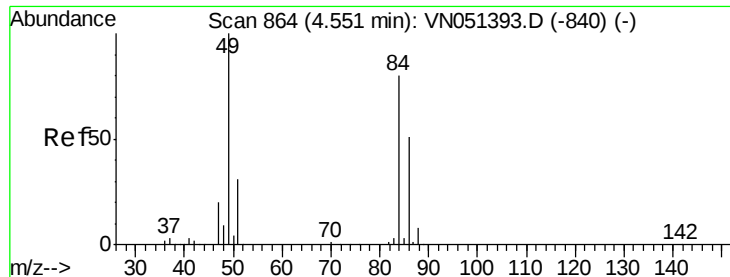
Tgt Ion: 43 Resp: 12072

Ion Ratio Lower Upper

43 100

74 22.1 18.8 28.2

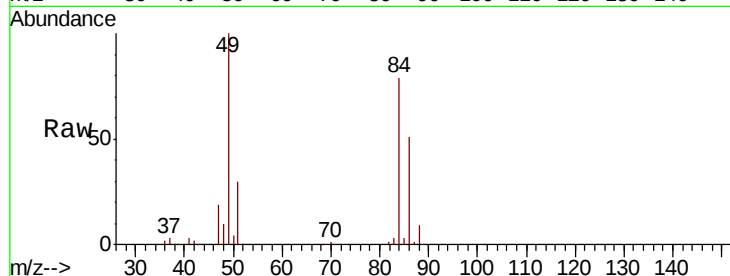




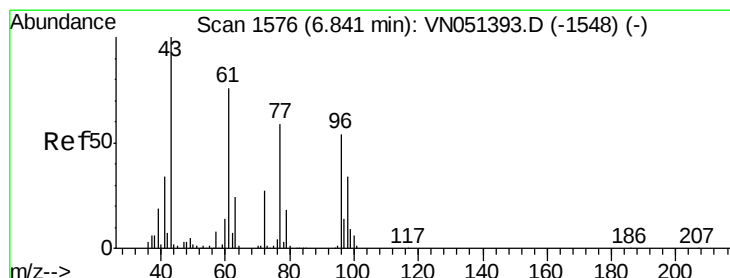
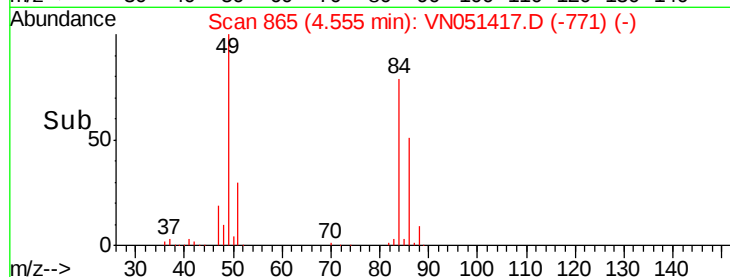
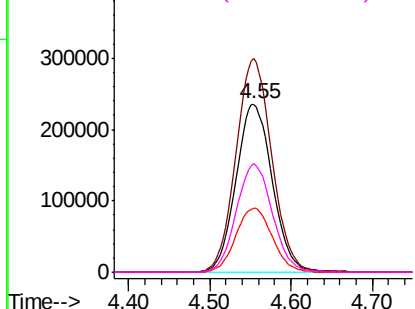
#20
Methylene Chloride
Concen: 83.111 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-B

Tgt Ion: 84 Resp: 725366
Ion Ratio Lower Upper
84 100
49 127.2 99.9 149.9
51 38.1 31.4 47.2
86 64.6 50.9 76.3

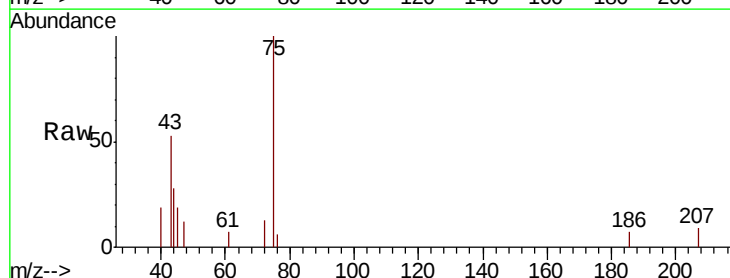


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

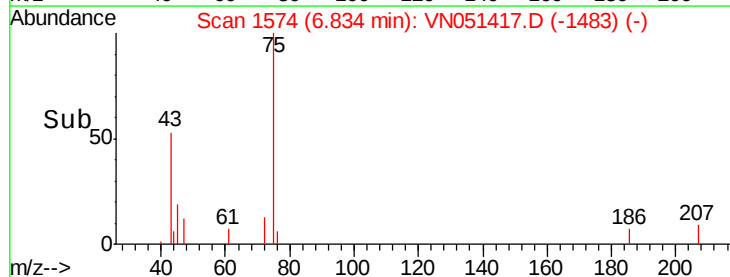
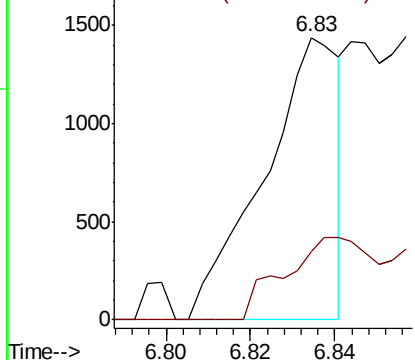


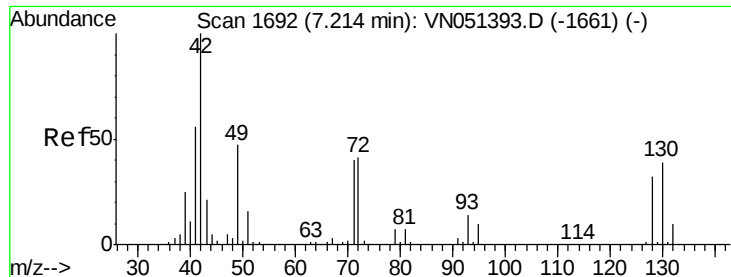
#25
2-Butanone
Concen: 0.590 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
72 24.2 21.8 32.6



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

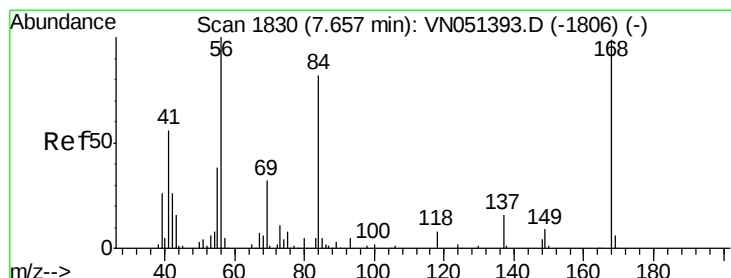
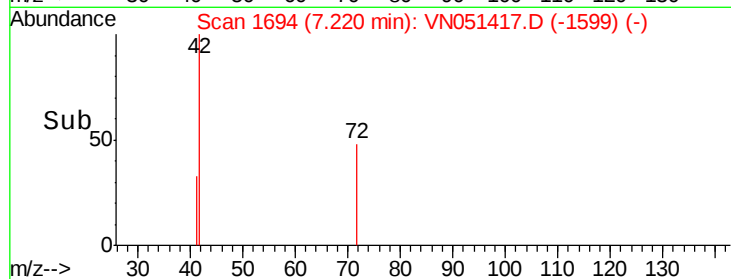
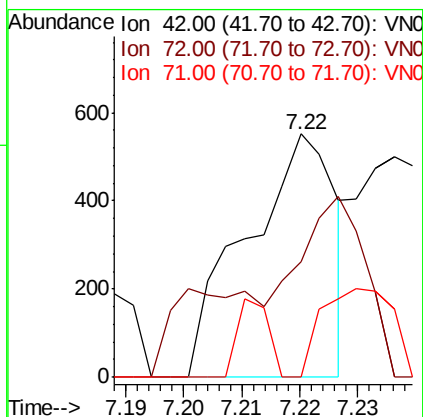
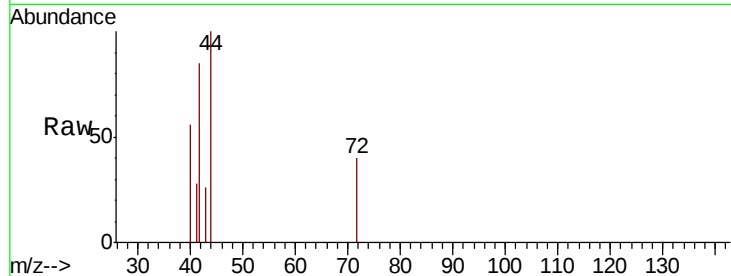




#29
Tetrahydrofuran
Concen: 0.306 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

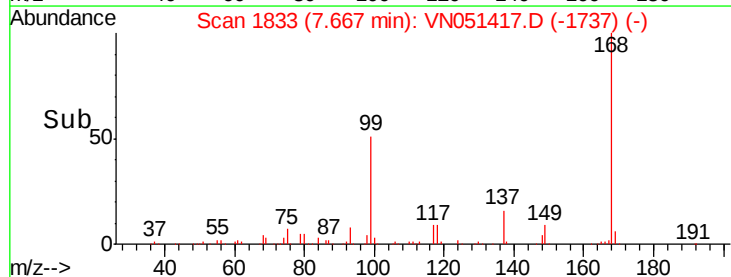
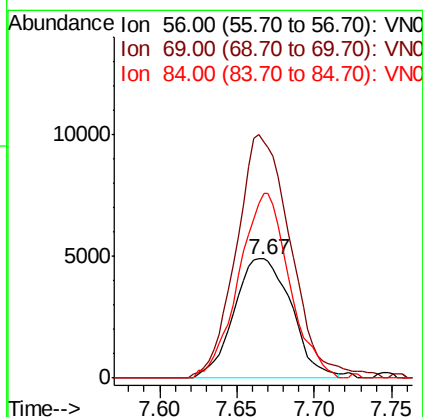
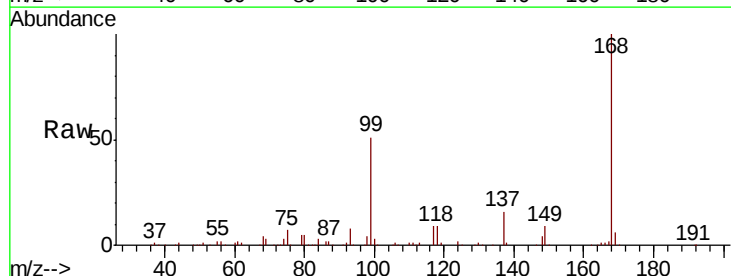
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-B

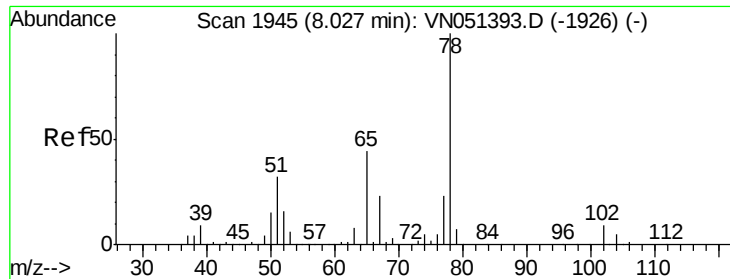
Tgt Ion: 42 Resp: 586
Ion Ratio Lower Upper
42 100
72 23.7 34.3 51.5#
71 10.9 32.2 48.4#



#31
Cyclohexane
Concen: 0.907 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

Tgt Ion: 56 Resp: 12596
Ion Ratio Lower Upper
56 100
69 198.0 25.8 38.6#
84 155.6 66.0 99.0#

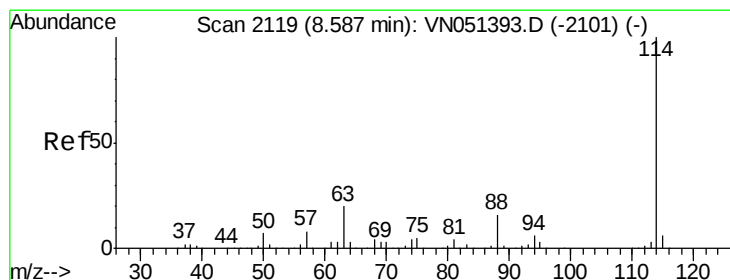
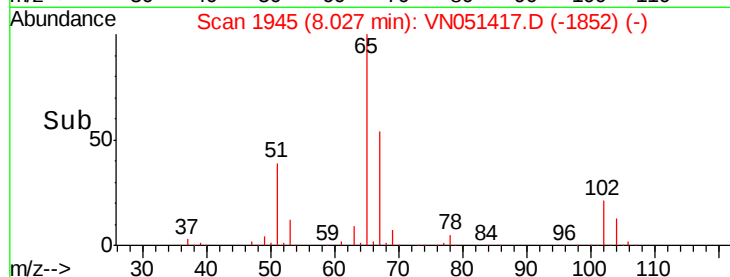
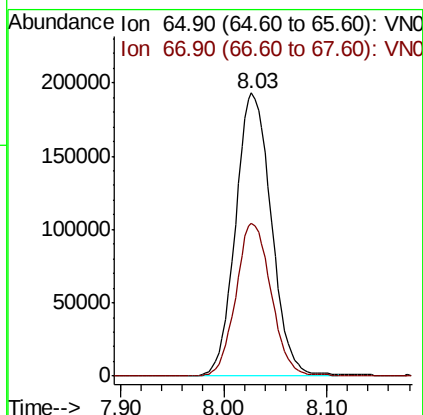
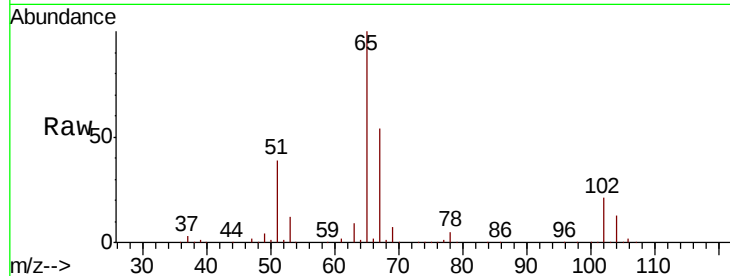




#33
 1,2-Dichloroethane-d4
 Concen: 52.783 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

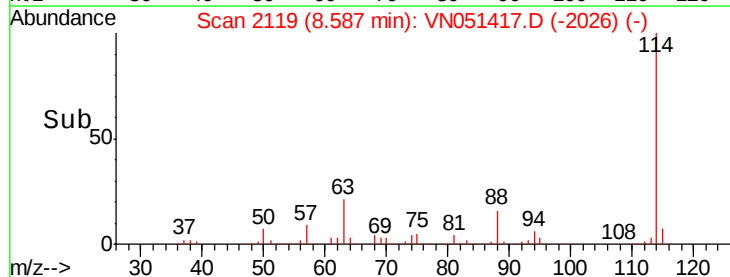
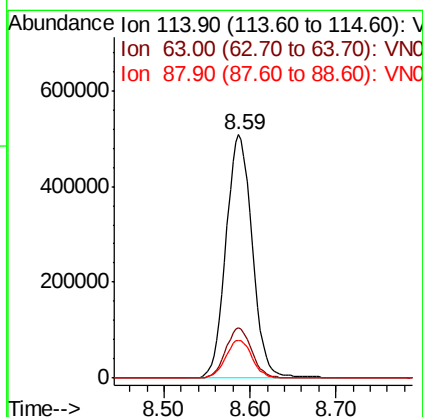
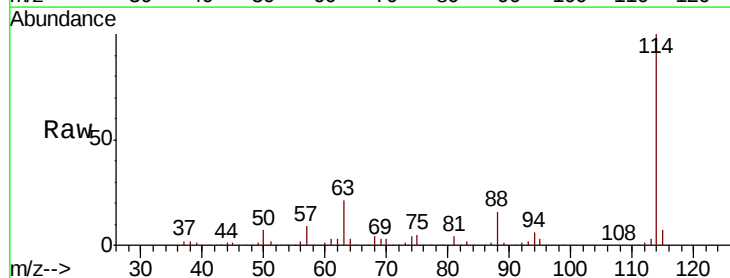
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-B

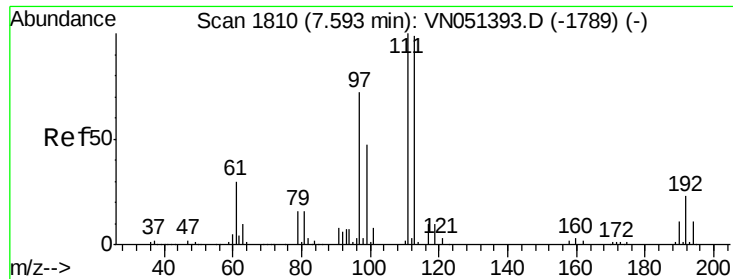
Tgt Ion: 65 Resp: 465546
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

Tgt Ion: 114 Resp: 1078465
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.6 0.0 31.4

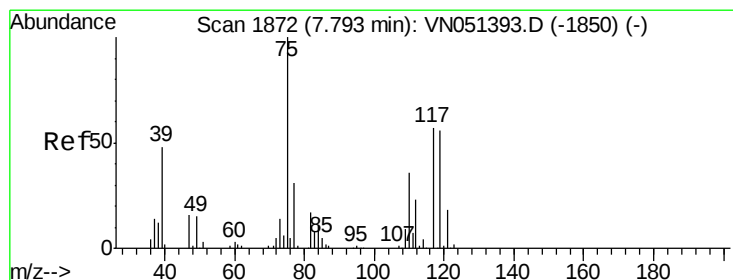
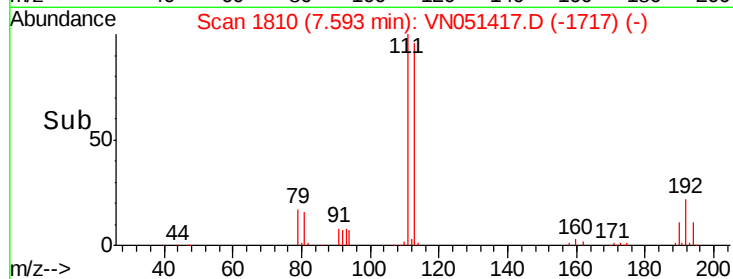
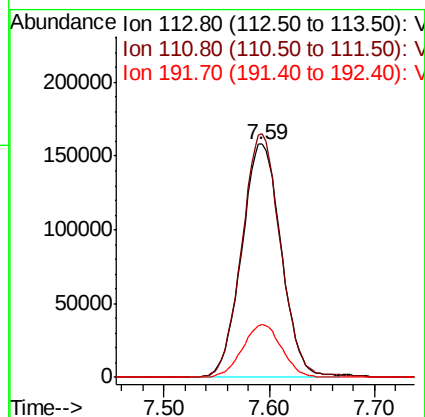
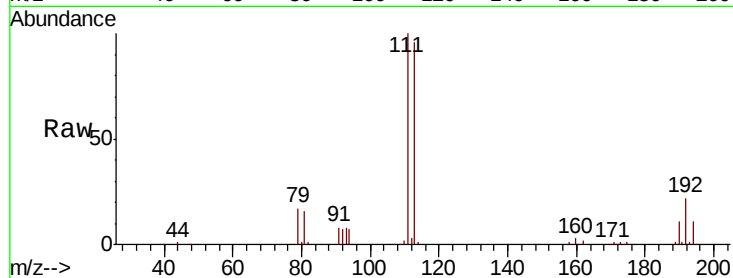




#35
 Dibromofluoromethane
 Concen: 47.771 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

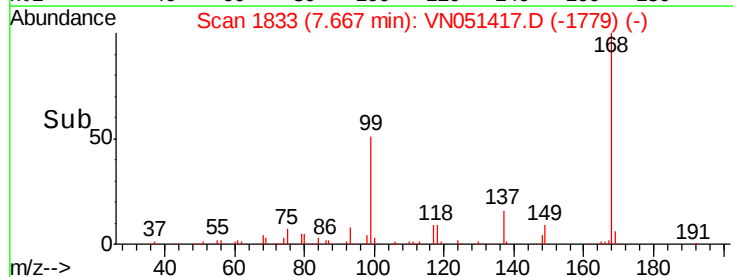
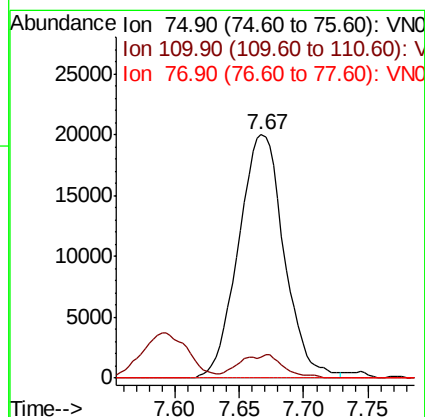
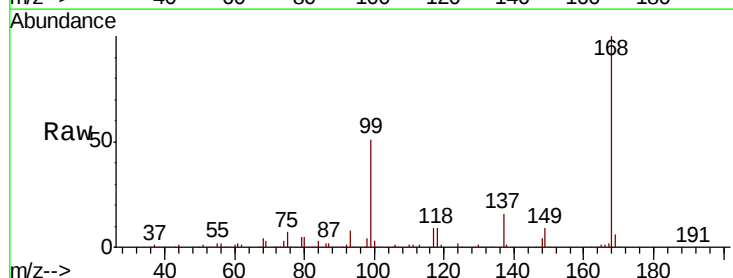
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-B

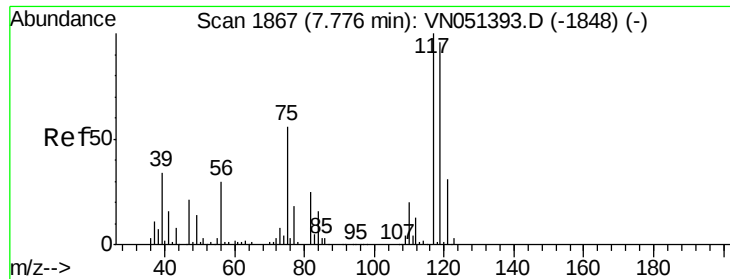
Tgt Ion: 113 Resp: 411980
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 123.8
 192 22.5 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 3.951 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

Tgt Ion: 75 Resp: 49345
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.3#
 77 0.0 25.6 38.4#

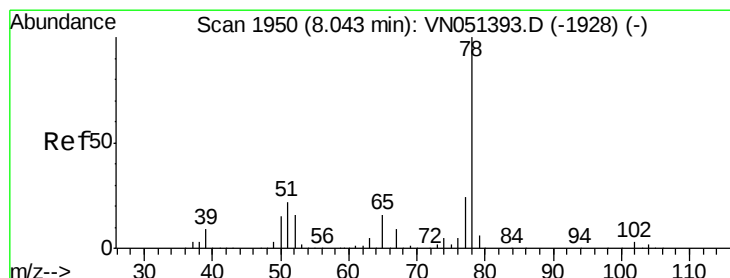
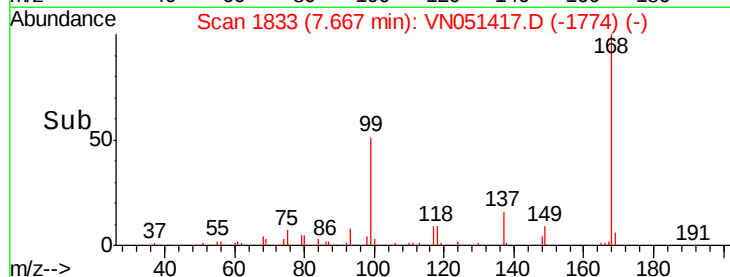
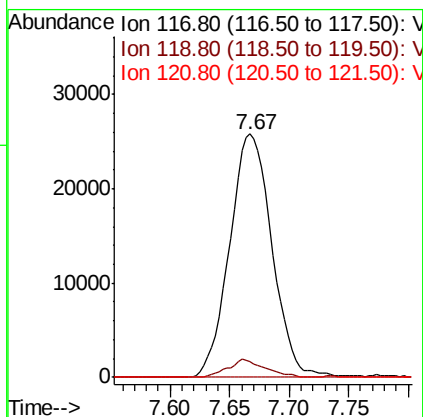
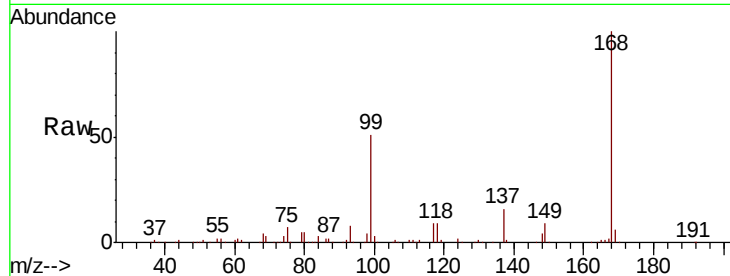




#38
Carbon Tetrachloride
Concen: 4.865 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

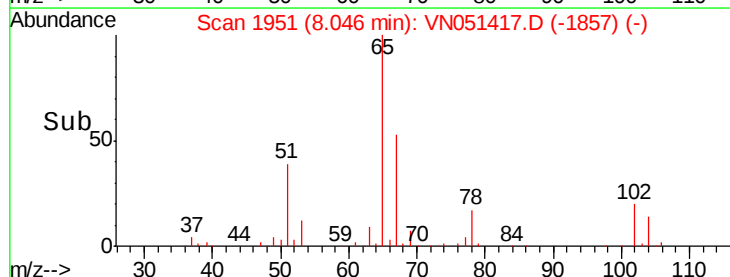
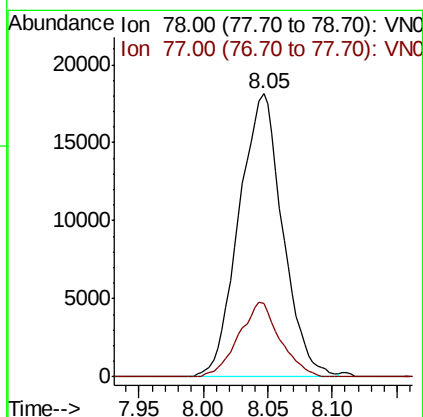
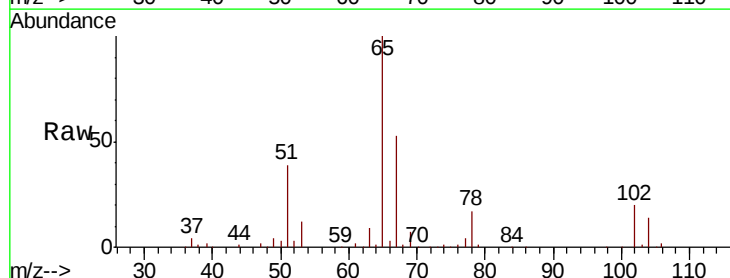
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-B

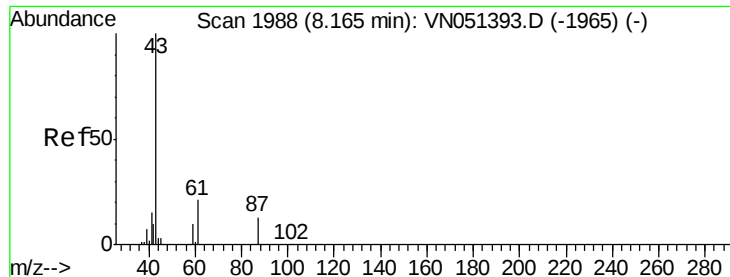
Tgt Ion:117 Resp: 63556
Ion Ratio Lower Upper
117 100
119 6.4 76.9 115.3#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 1.169 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

Tgt Ion: 78 Resp: 42858
Ion Ratio Lower Upper
78 100
77 26.0 19.2 28.8





#43

Isopropyl Acetate

Concen: 19.411 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampled :

LS-SOIL-B

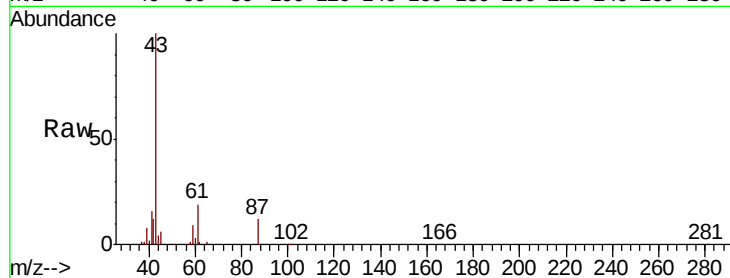
Tgt Ion: 43 Resp: 252048

Ion Ratio Lower Upper

43 100

61 17.6 16.8 25.2

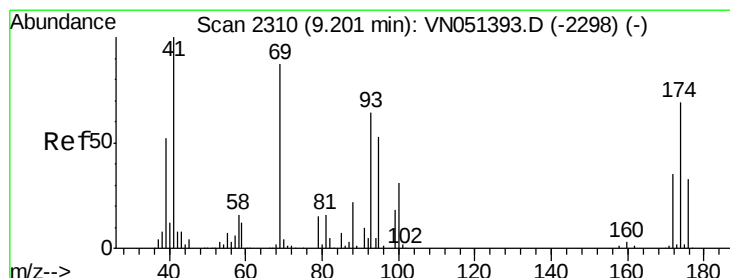
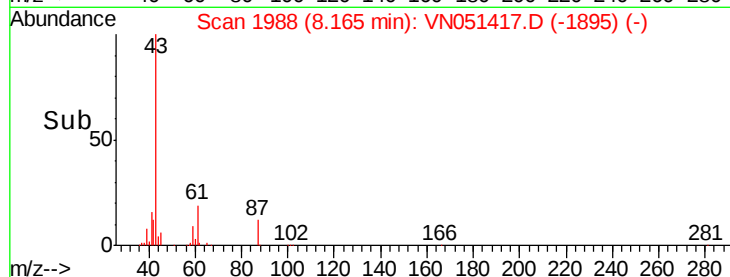
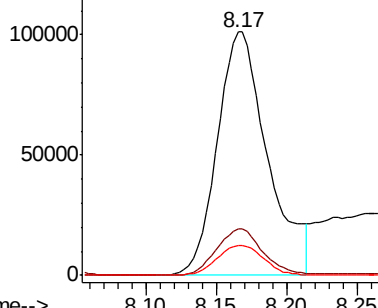
87 11.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC



#48

Methyl methacrylate

Concen: 0.876 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

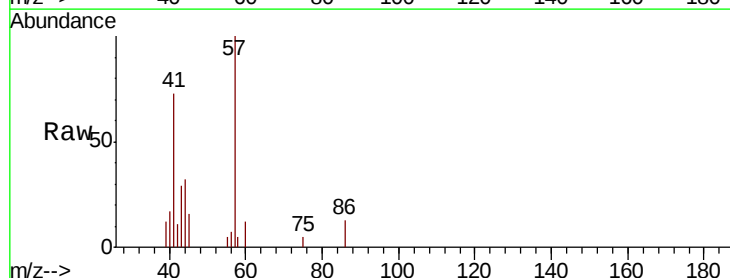
Tgt Ion: 41 Resp: 5674

Ion Ratio Lower Upper

41 100

69 0.0 70.4 105.6#

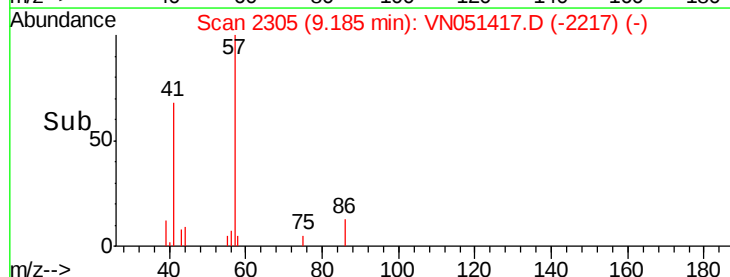
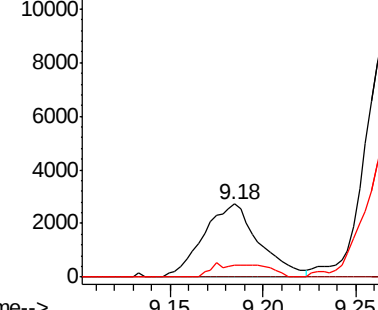
39 6.0 43.8 65.8#

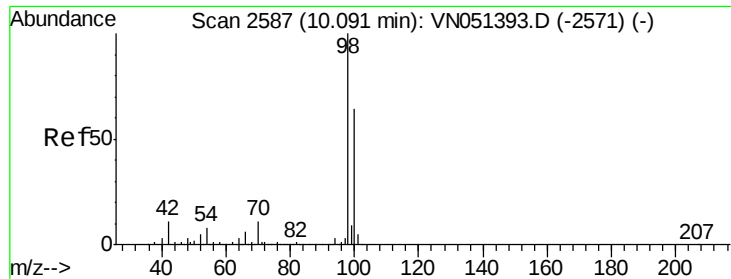


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 46.813 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampled :

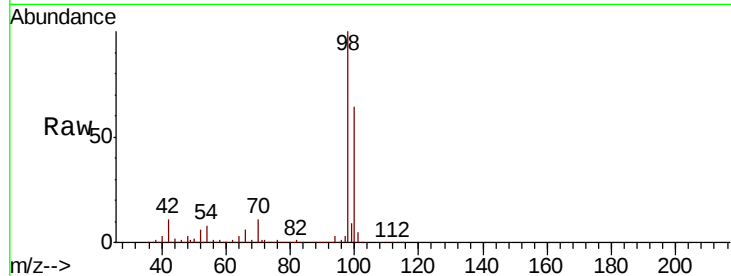
LS-SOIL-B

Tgt Ion: 98 Resp: 1520250

Ion Ratio Lower Upper

98 100

100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

10.09

800000

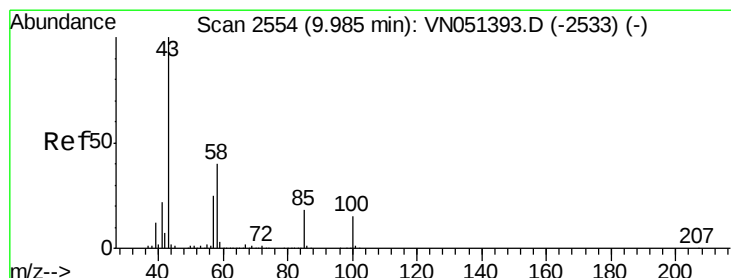
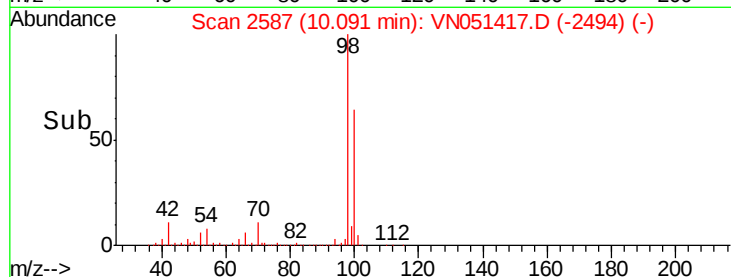
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.309 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051417.D

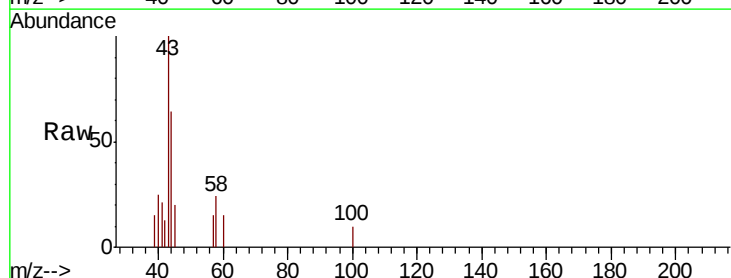
Acq: 23 Sep 2018 16:50

Tgt Ion: 43 Resp: 2209

Ion Ratio Lower Upper

43 100

58 22.6 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2533) (-)

9.99

2000

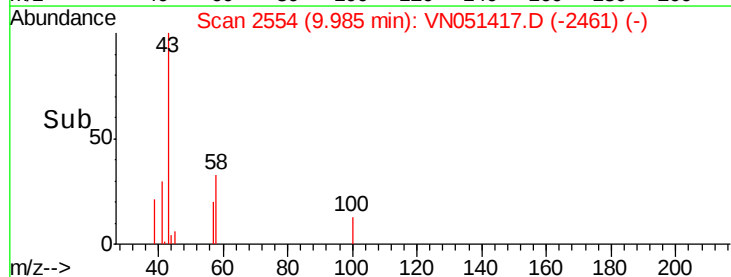
1500

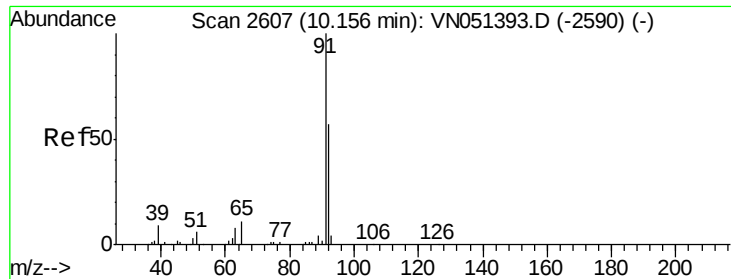
1000

500

0

Time-->





#52

Toluene

Concen: 3.772 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampled :

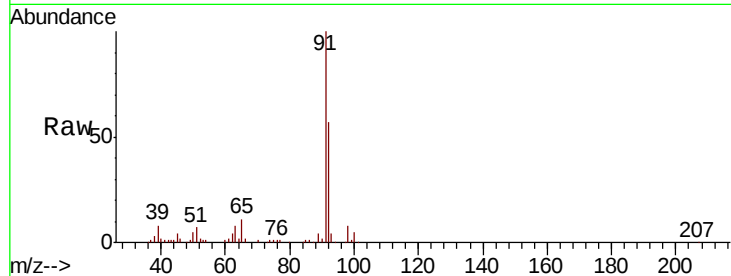
LS-SOIL-B

Tgt Ion: 92 Resp: 85964

Ion Ratio Lower Upper

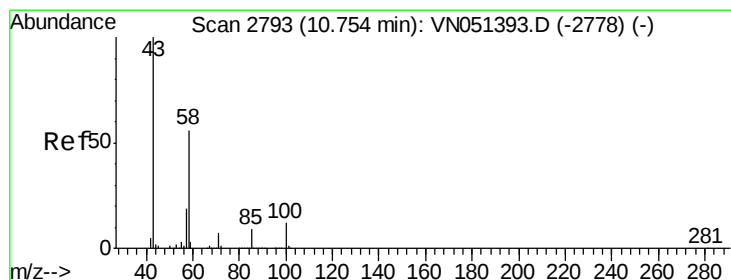
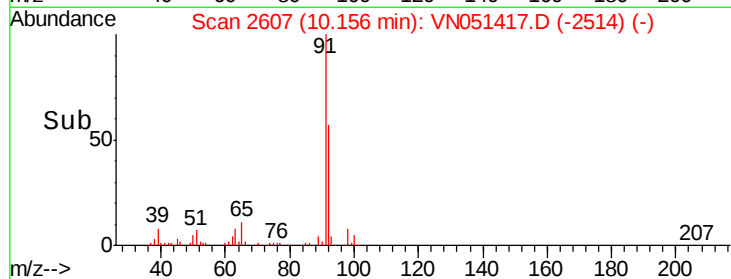
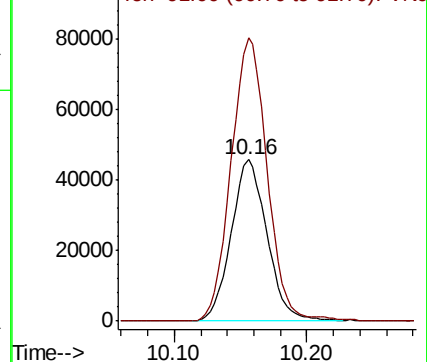
92 100

91 177.0 142.2 213.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#59

2-Hexanone

Concen: 2.831 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051417.D

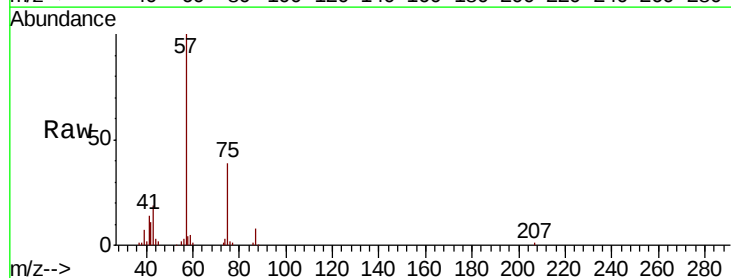
Acq: 23 Sep 2018 16:50

Tgt Ion: 43 Resp: 13107

Ion Ratio Lower Upper

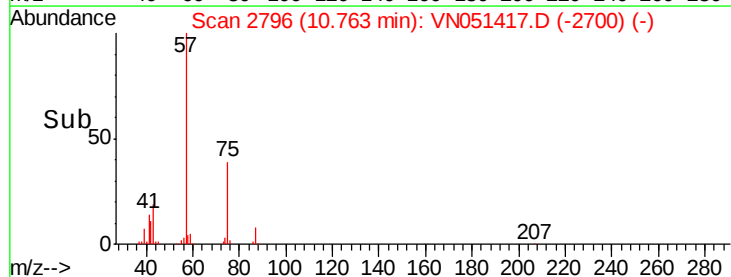
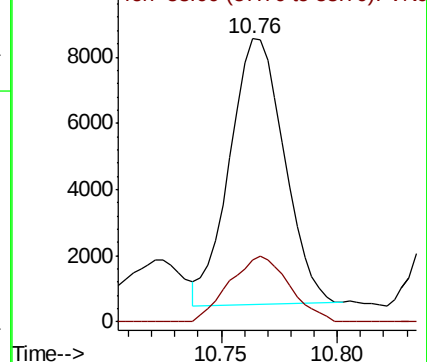
43 100

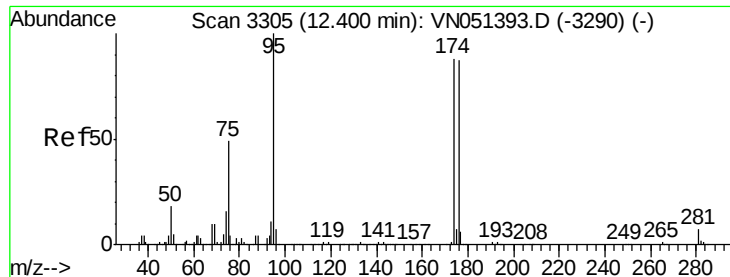
58 27.4 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.908 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-B

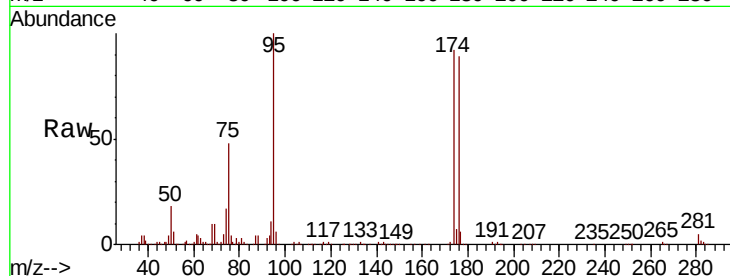
Tgt Ion: 95 Resp: 450777

Ion Ratio Lower Upper

95 100

174 91.1 0.0 181.6

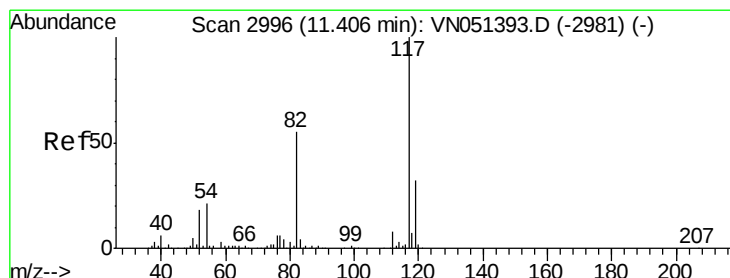
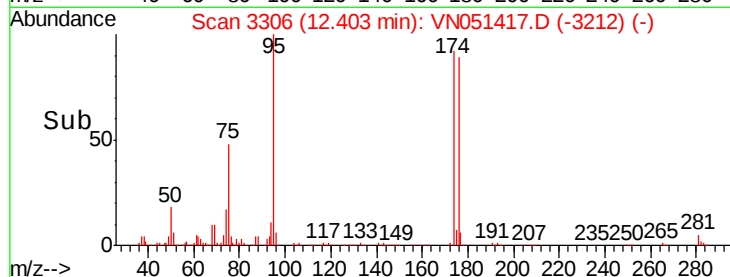
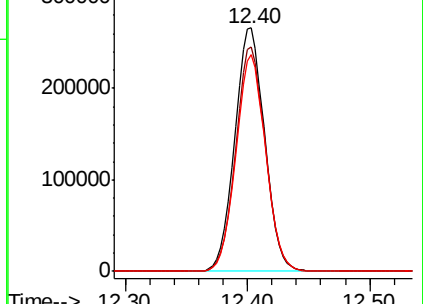
176 88.0 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

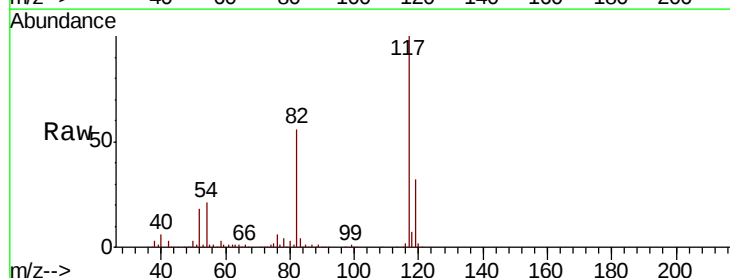
Tgt Ion: 117 Resp: 923846

Ion Ratio Lower Upper

117 100

82 56.1 44.2 66.2

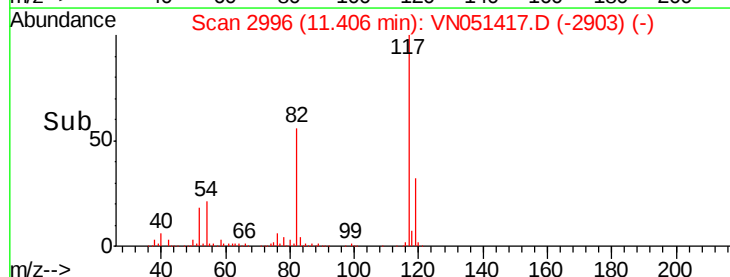
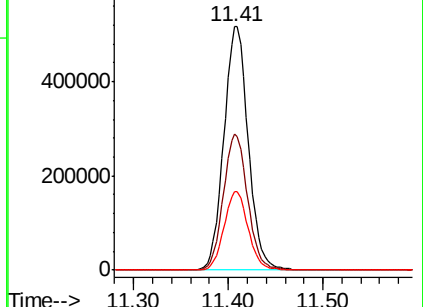
119 32.3 25.9 38.9

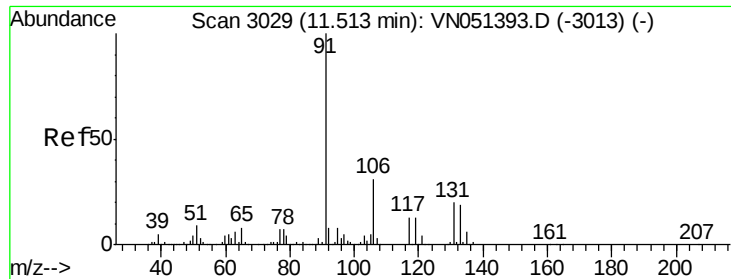


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)





#67

Ethyl Benzene

Concen: 1.655 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampled :

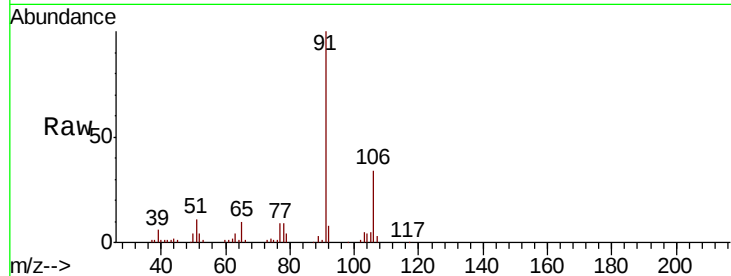
LS-SOIL-B

Tgt Ion: 91 Resp: 66120

Ion Ratio Lower Upper

91 100

106 33.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN051393.D (-3013) (-)

100000

80000

60000

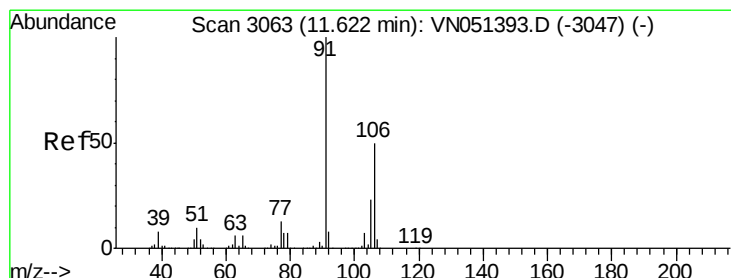
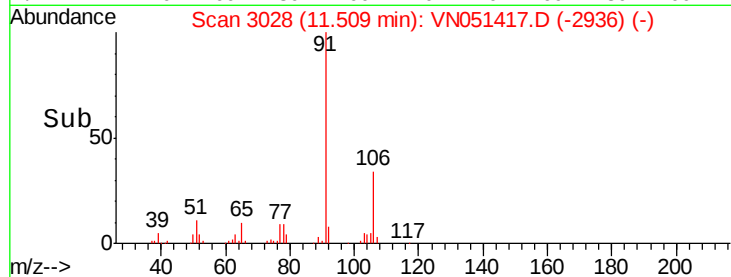
40000

20000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 5.051 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN051417.D

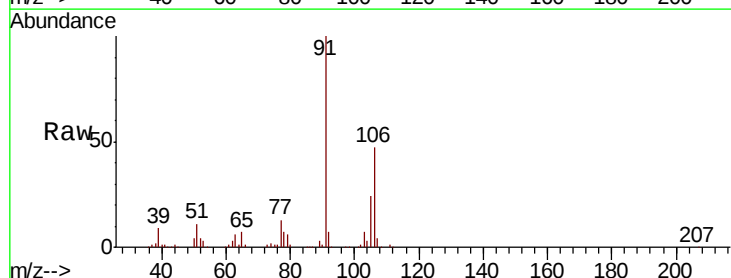
Acq: 23 Sep 2018 16:50

Tgt Ion: 106 Resp: 78045

Ion Ratio Lower Upper

106 100

91 206.8 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): VN051393.D (-3047) (-)

Ion 91.00 (90.70 to 91.70): VN051393.D (-3047) (-)

100000

80000

60000

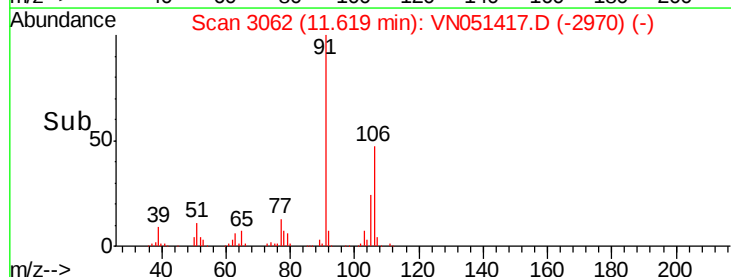
40000

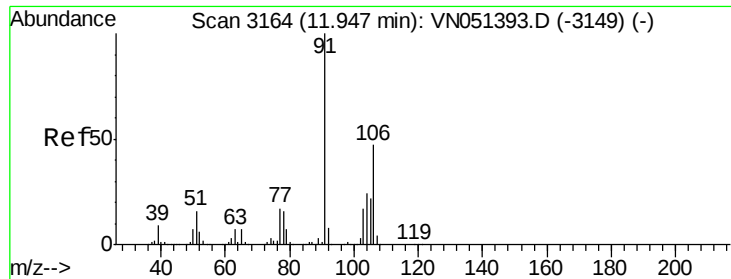
20000

0

11.60 11.62 11.64 11.66 11.68 11.70

Time-->

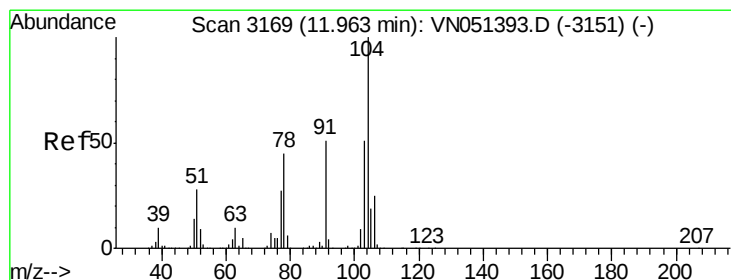
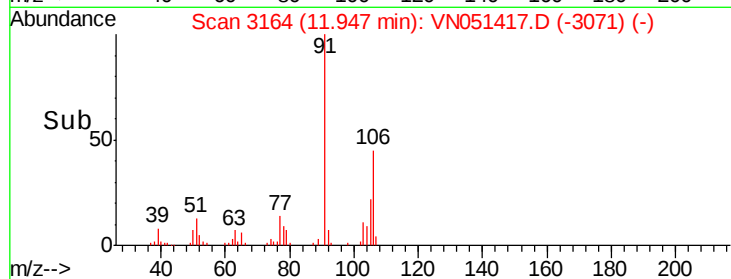
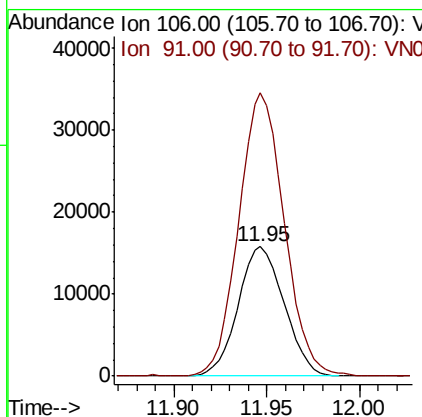
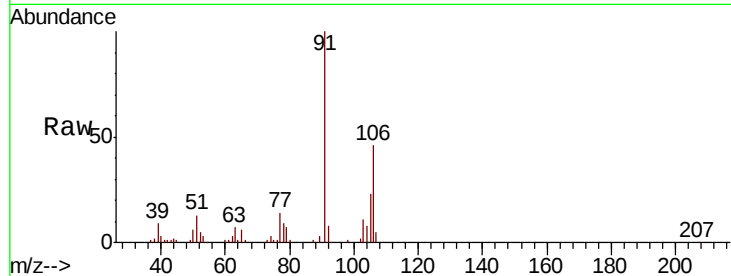




#69
o-Xylene
Concen: 1.826 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

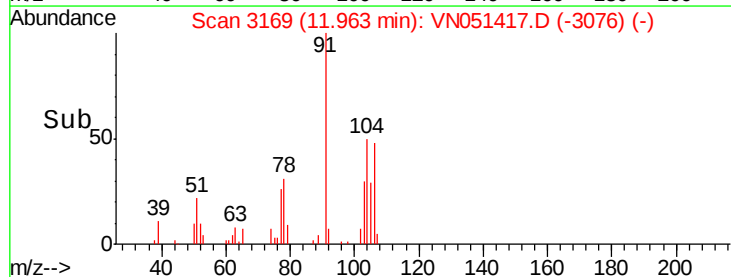
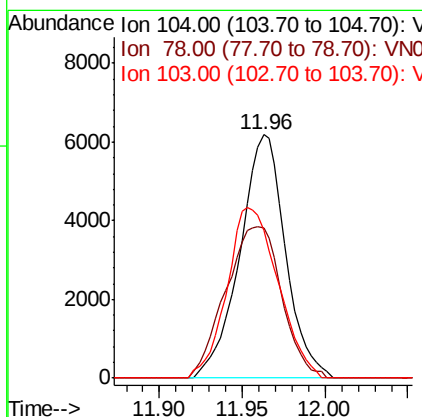
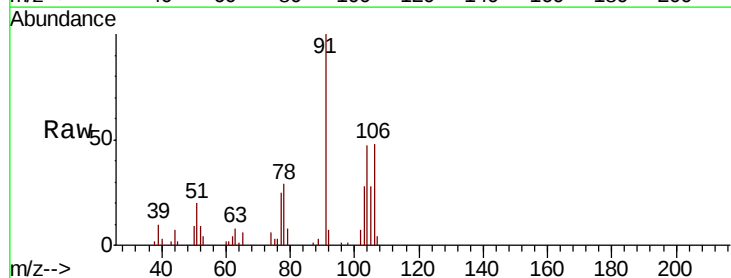
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-B

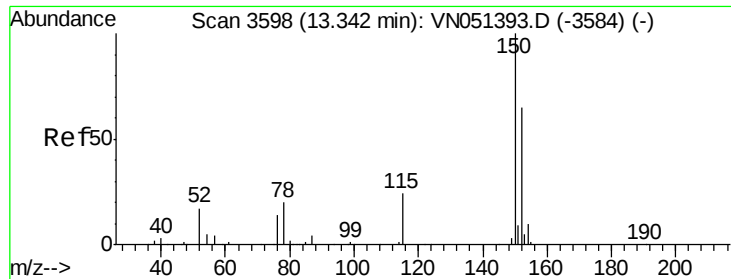
Tgt Ion:106 Resp: 27117
Ion Ratio Lower Upper
106 100
91 217.0 105.3 315.9



#70
Styrene
Concen: 0.504 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051417.D
Acq: 23 Sep 2018 16:50

Tgt Ion:104 Resp: 11860
Ion Ratio Lower Upper
104 100
78 76.1 39.9 59.9#
103 78.3 44.6 66.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051417.D

Acq: 23 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-B

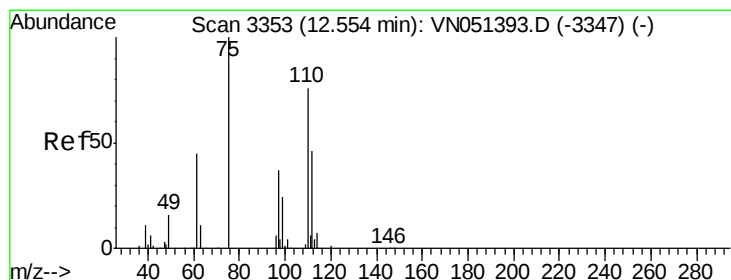
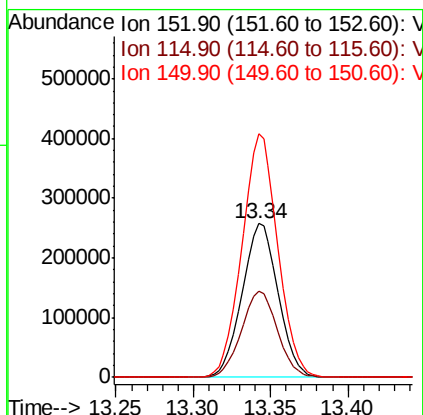
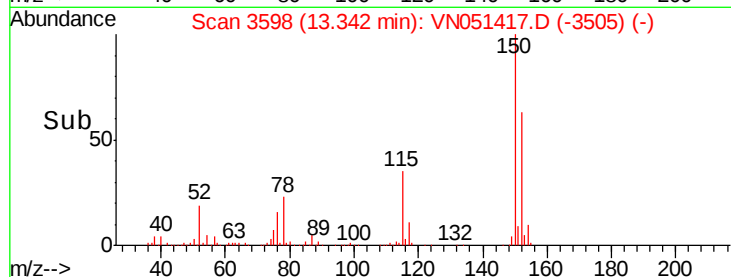
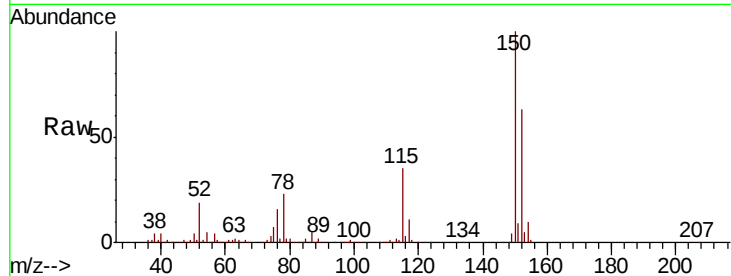
Tgt Ion:152 Resp: 417634

Ion Ratio Lower Upper

152 100

115 55.8 28.3 84.9

150 157.0 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 32.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051417.D

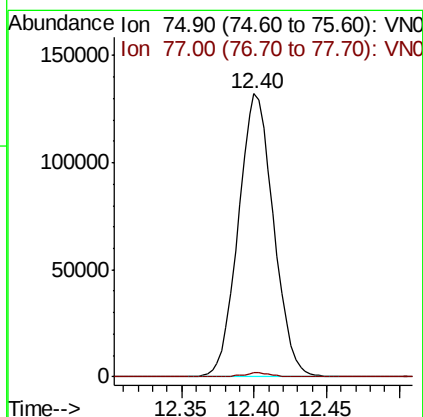
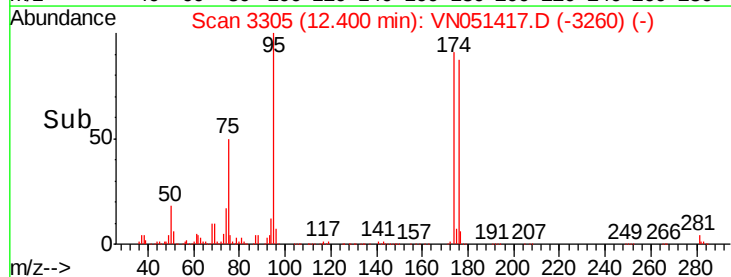
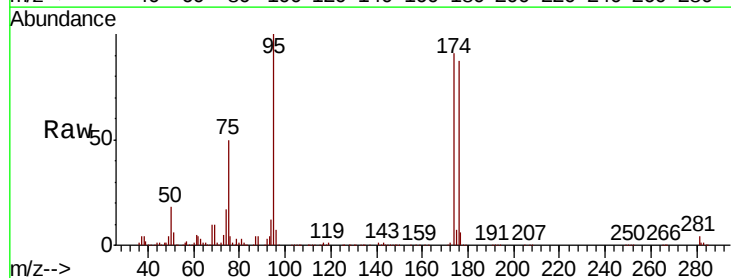
Acq: 23 Sep 2018 16:50

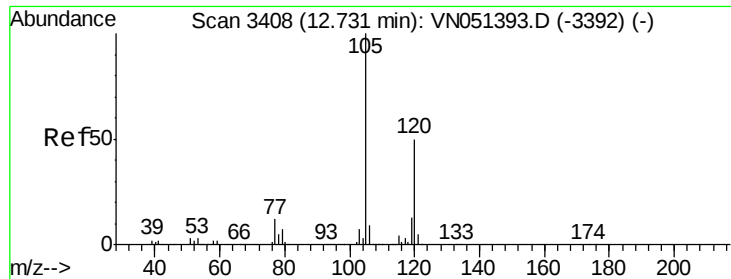
Tgt Ion: 75 Resp: 222995

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

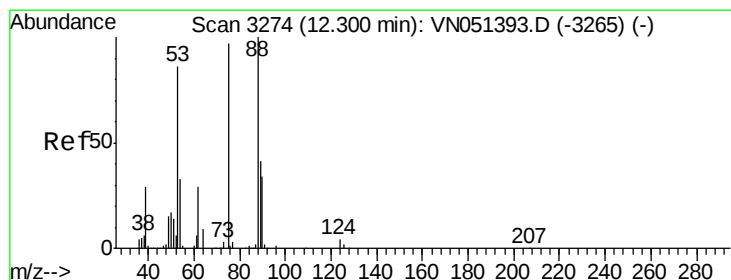
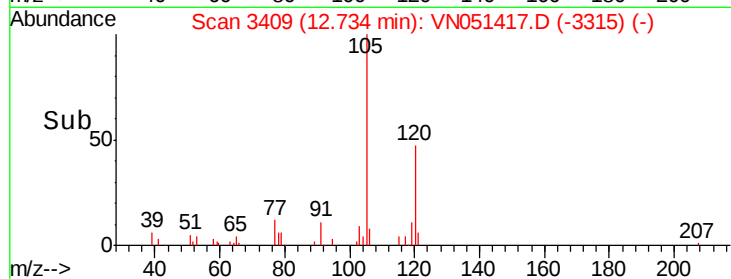
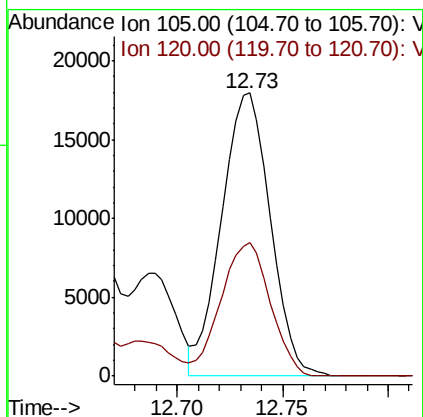
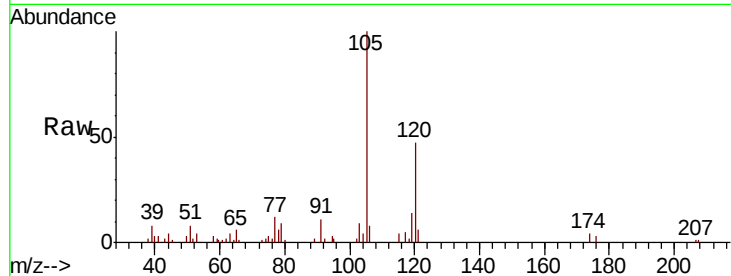




#80
 1,3,5-Trimethylbenzene
 Concen: 1.004 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

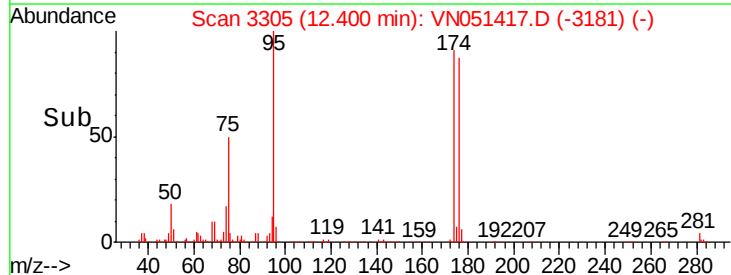
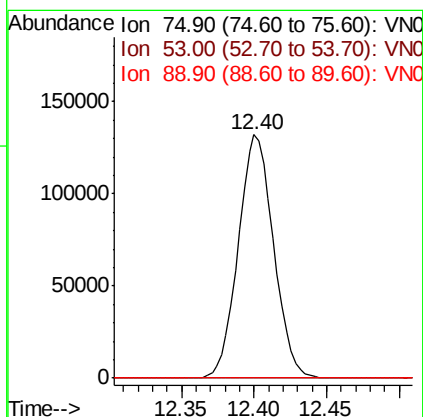
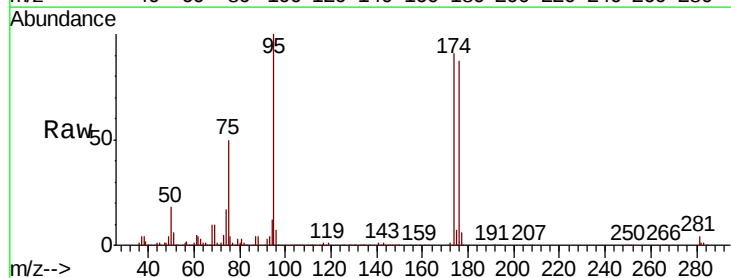
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-B

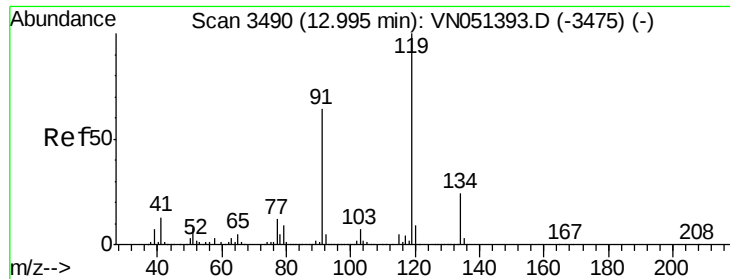
Tgt Ion:105 Resp: 28848
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.903 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

Tgt Ion: 75 Resp: 222995
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.9 110.9#
 89 0.0 36.7 55.1#

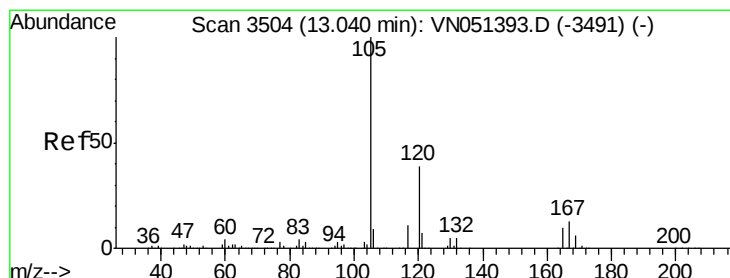
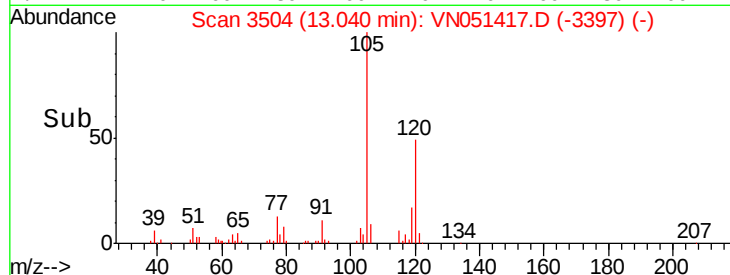
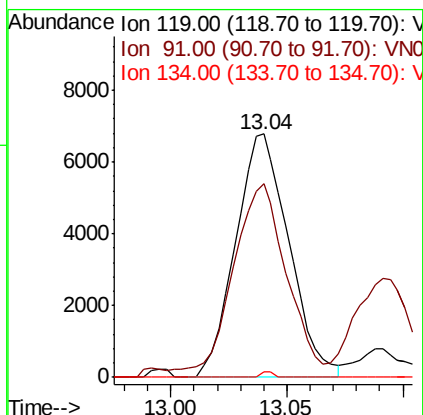
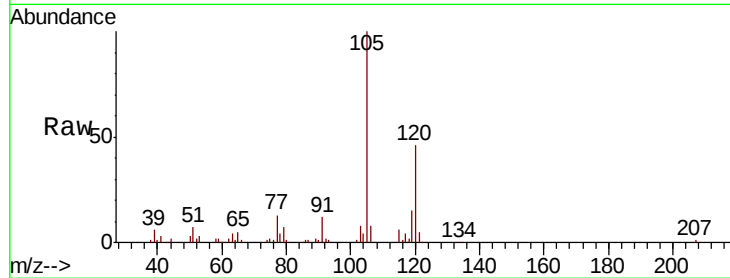




#83
 tert-Butylbenzene
 Concen: 0.424 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.04 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

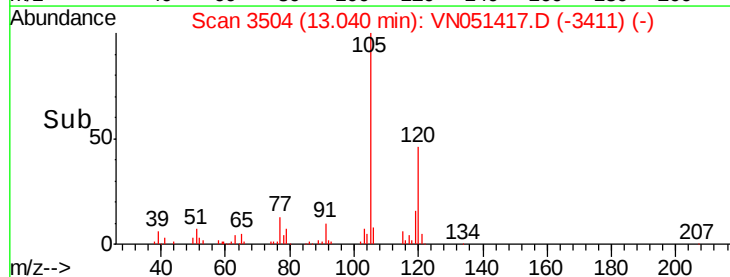
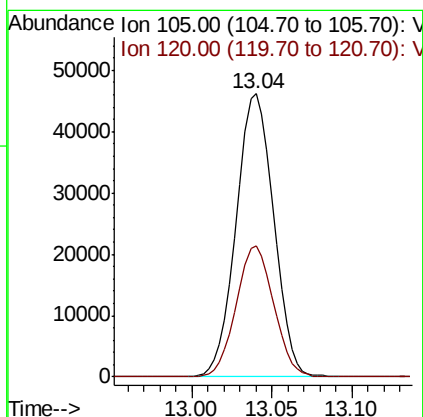
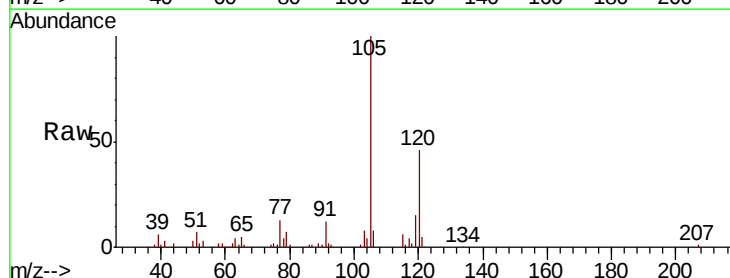
Instrument :
 MSVOA_N
 ClientSampled :
 LS-SOIL-B

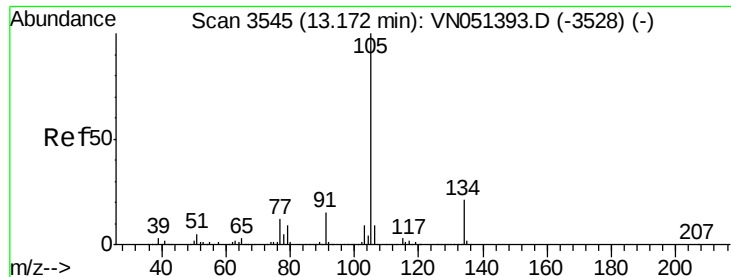
Tgt Ion:119 Resp: 10834
 Ion Ratio Lower Upper
 119 100
 91 80.2 31.7 95.1
 134 0.6 12.3 36.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.552 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

Tgt Ion:105 Resp: 73879
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7

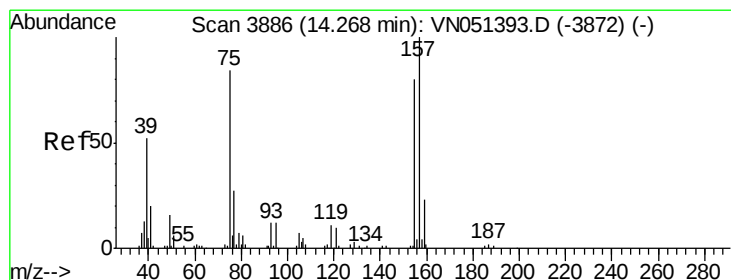
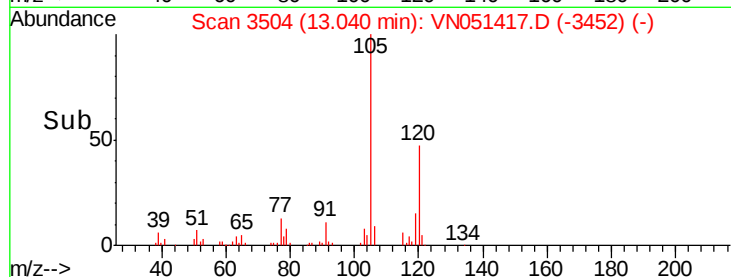
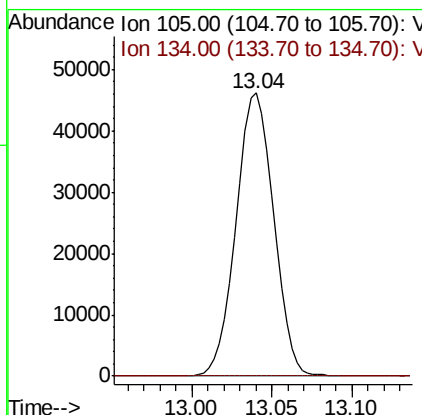
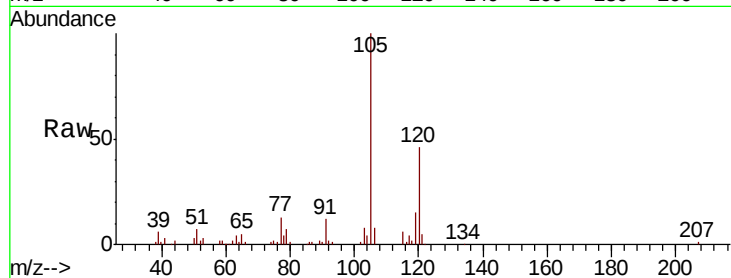




#85
 sec-Butylbenzene
 Concen: 2.135 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

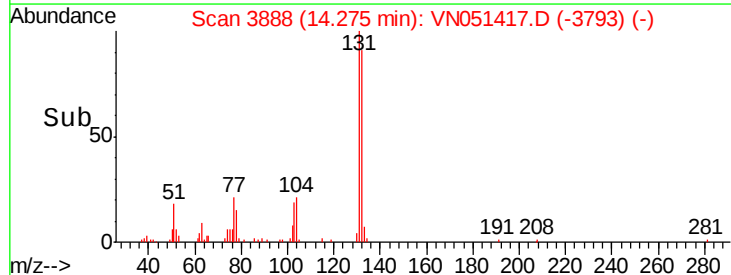
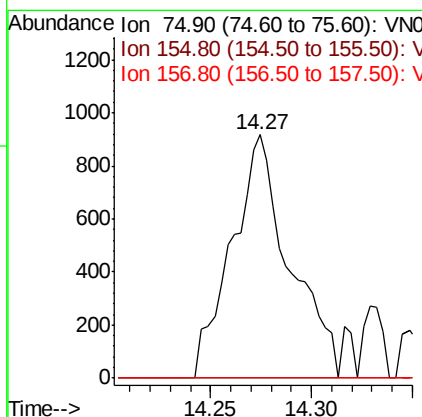
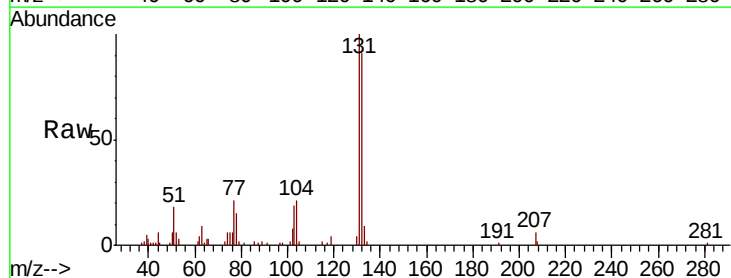
Instrument :
 MSVOA_N
 ClientSampled :
 LS-SOIL-B

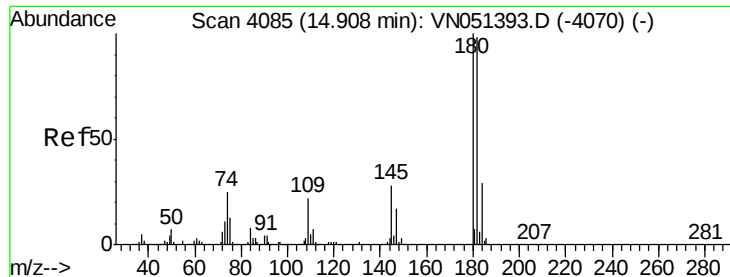
Tgt Ion: 105 Resp: 73879
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.1#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.553 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.01 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

Tgt Ion: 75 Resp: 1821
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.6#
 157 0.0 58.4 175.1#

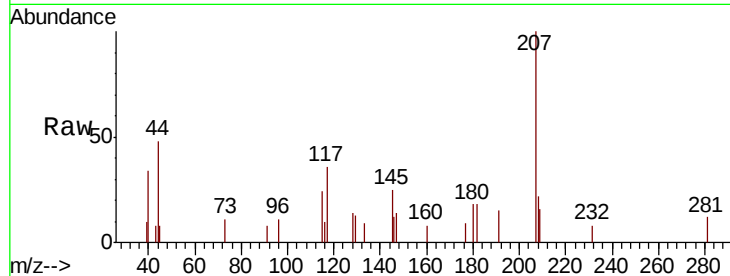




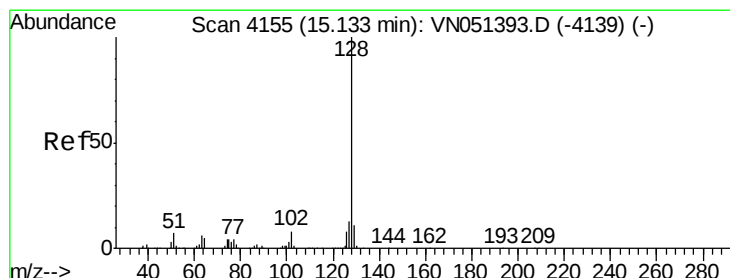
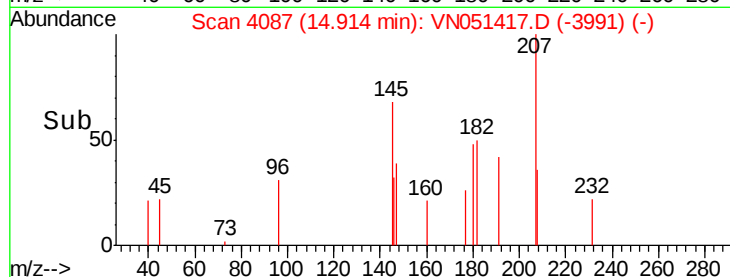
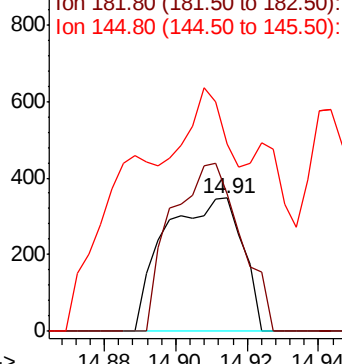
#93
 1,2,4-Trichlorobenzene
 Concen: 6.039 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

Instrument :
 MSVOA_N
 ClientSampled :
 LS-SOIL-B

Tgt Ion:180 Resp: 521
 Ion Ratio Lower Upper
 180 100
 182 112.5 48.5 145.6
 145 39.9 14.1 42.4

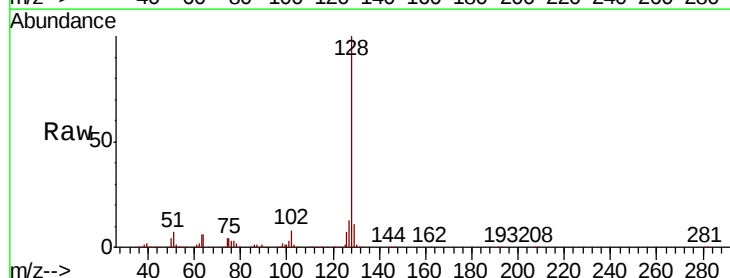


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 123.944 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051417.D
 Acq: 23 Sep 2018 16:50

Tgt Ion:128 Resp: 2144733
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.5 15.7
 129 10.8 8.6 12.8



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

