

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049833.D
 Acq On : 14 Jul 2018 7:40
 Operator : MD\SY
 Sample : J3542-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-2

Quant Time: Jul 16 00:50:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1258739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2058654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1756973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	745867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	870121	59.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.84%	
35) Dibromofluoromethane	7.59	113	783198	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.09	98	2766356	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.40	95	821693	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.86	85	122	Below Cal	#	44
3) Chloromethane	2.06	50	2435	Below Cal		91
4) Vinyl Chloride	2.18	62	317	Below Cal	#	45
5) Bromomethane	2.58	94	1400	Below Cal	#	24
13) Acrolein	3.61	56	203	0.24	ug/l	# 77
14) Allyl chloride	4.55	41	363860	16.38	ug/l	# 25
16) Acetone	3.82	43	27097	5.49	ug/l	98
17) Carbon Disulfide	4.05	76	5596	Below Cal	#	77
18) Methyl Acetate	4.33	43	41300	2.68	ug/l	100
20) Methylene Chloride	4.55	84	10734604	727.01	ug/l	99
25) 2-Butanone	6.85	43	5988	1.05	ug/l	97
30) Chloroform	7.37	83	14658	0.50	ug/l	96
31) Cyclohexane	7.67	56	24266	0.81	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	88545	3.73	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	114577	4.62	ug/l	# 16
43) Isopropyl Acetate	8.17	43	561682	22.25	ug/l	# 87
48) Methyl methacrylate	9.18	41	14885	1.18	ug/l	# 22
52) Toluene	10.16	92	28688	0.68	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	164	Below Cal	#	15
59) 2-Hexanone	10.76	43	32733	3.59	ug/l	# 56
67) Ethyl Benzene	11.51	91	54898	0.73	ug/l	95
68) m/p-Xylenes	11.62	106	45404	1.61	ug/l	95
69) o-Xylene	11.95	106	18415	0.68	ug/l	96
70) Styrene	11.96	104	19071	0.44	ug/l	89
71) Bromoform	12.40	173	6595	0.57	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.50	83	29	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	401040	30.27	ug/l	# 100
78) n-propylbenzene	12.59	91	19310	0.28	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	35612	0.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	401040	97.74	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	123467	2.50	ug/l	99
90) Hexachloroethane	13.89	117	6685	Below Cal	#	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	762	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	14961	3.81	ug/l	# 90

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ClientSampleId :
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Quant Time: Jul 16 00:50:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

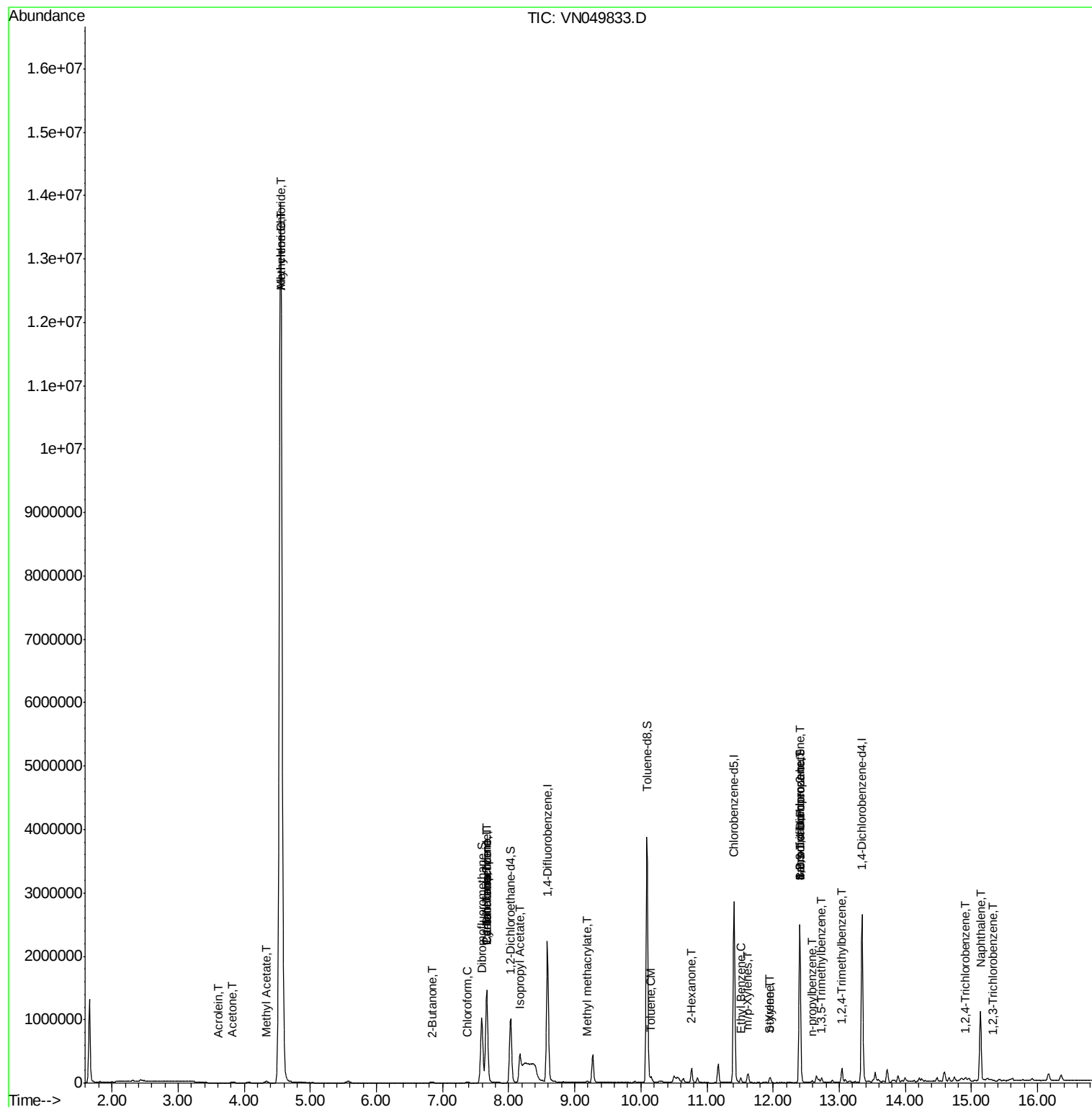
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	958518	30.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	3007	0.22	ug/l	93

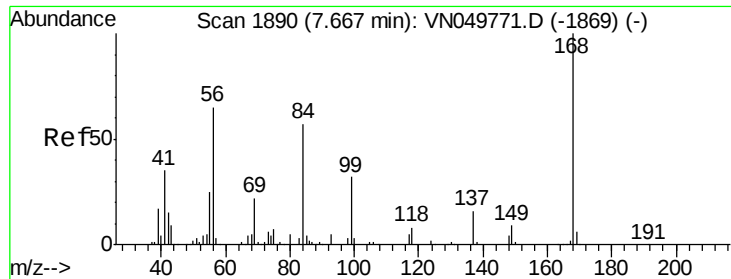
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampleId :

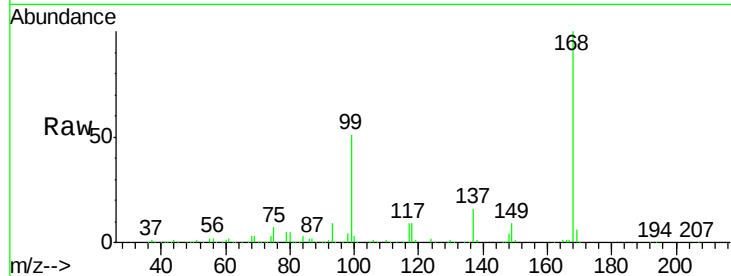
LS-SOIL-2

Tot Ion:168 Resp: 1258739

Ion Ratio Lower Upper

168 100

99 50.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

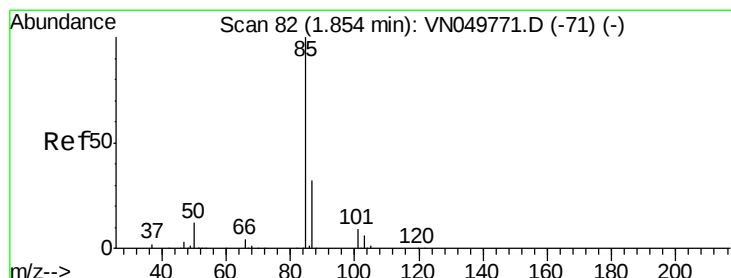
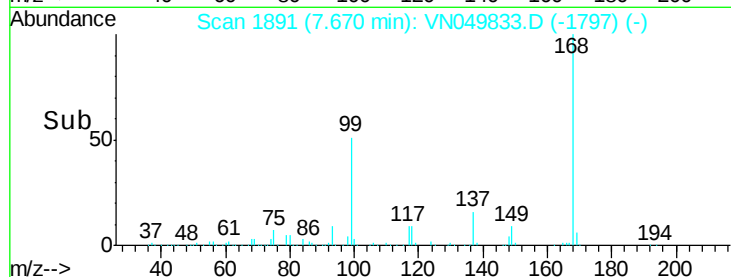
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.86 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN049833.D

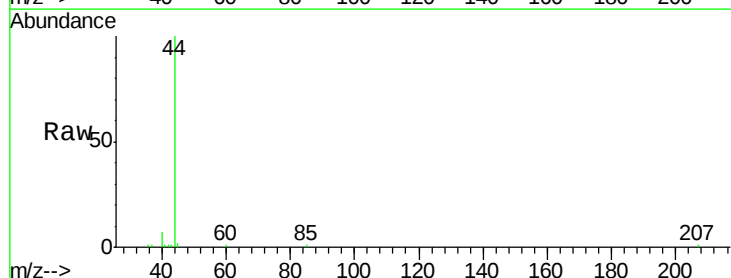
Acq: 14 Jul 2018 7:40

Tgt Ion: 85 Resp: 122

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.1#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.86

250

200

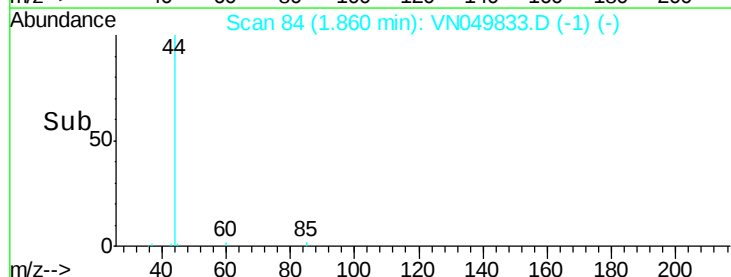
150

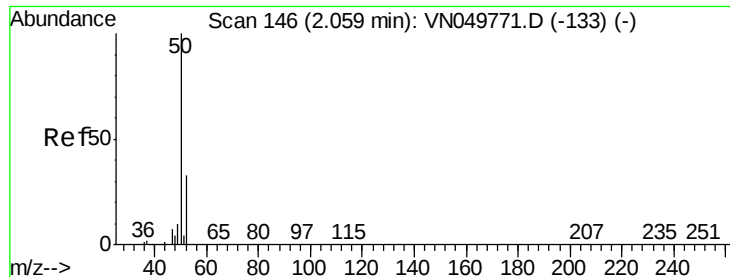
100

50

0

Time--> 1.85 1.86 1.87





#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampleId :

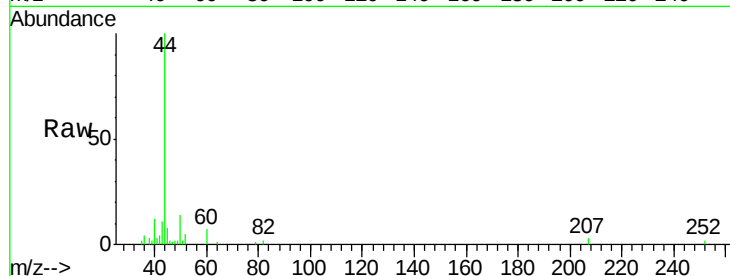
LS-SOIL-2

Tot Ion: 50 Resp: 2435

Ion Ratio Lower Upper

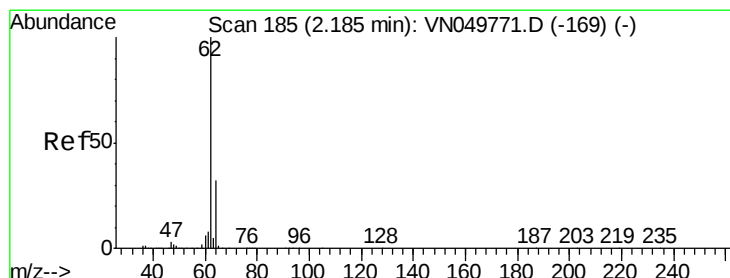
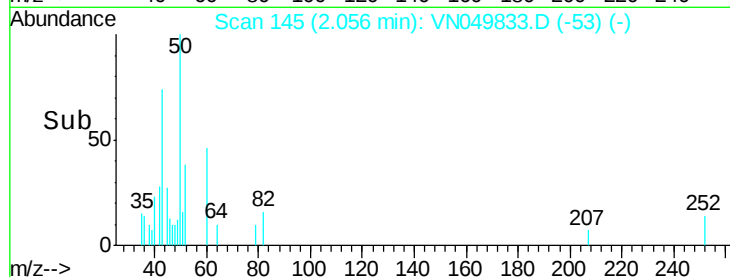
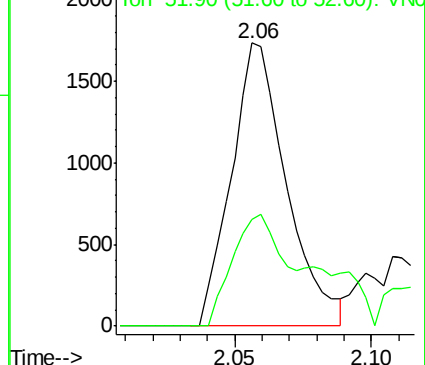
50 100

52 37.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049833.D

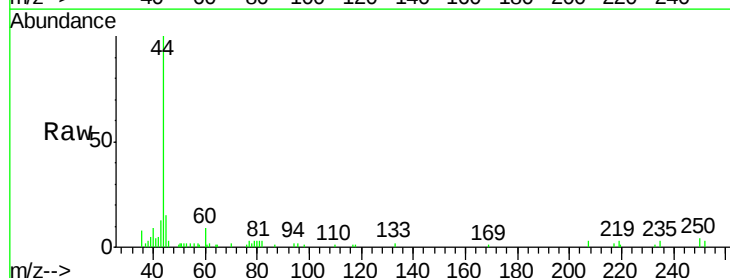
Acq: 14 Jul 2018 7:40

Tgt Ion: 62 Resp: 317

Ion Ratio Lower Upper

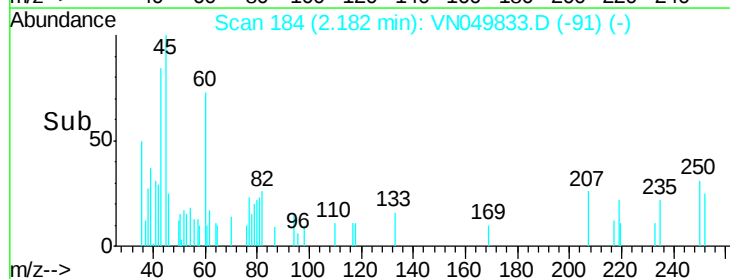
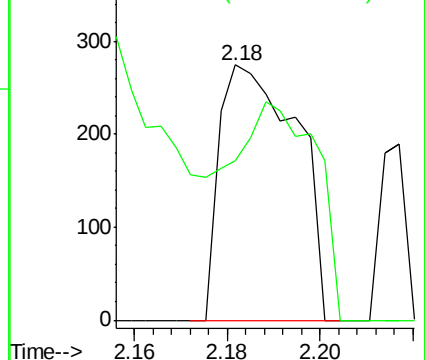
62 100

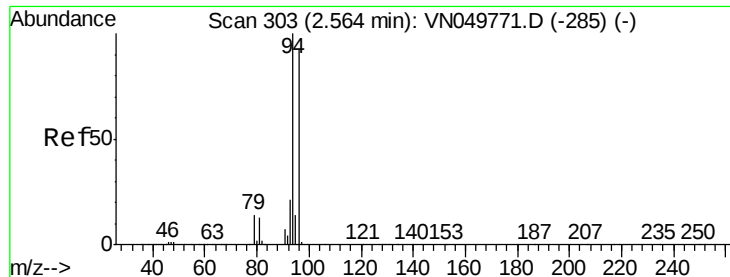
64 62.2 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampled :

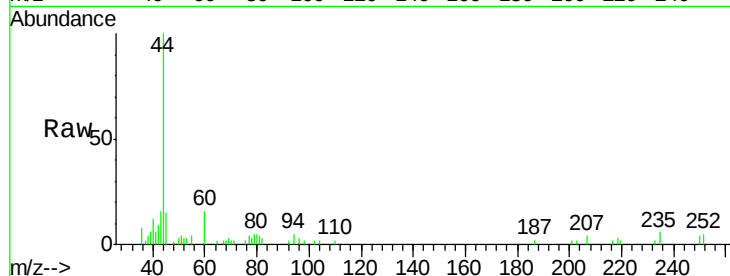
LS-SOIL-2

Tot Ion: 94 Resp: 1400

Ion Ratio Lower Upper

94 100

96 20.8 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.58

500

400

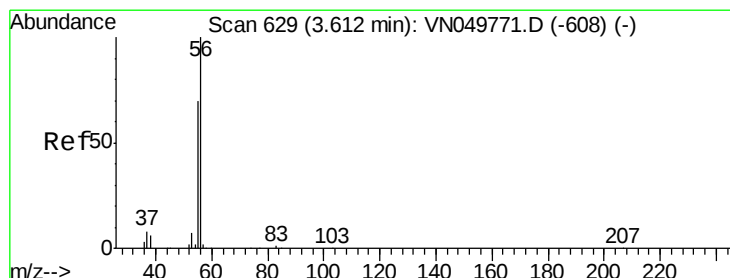
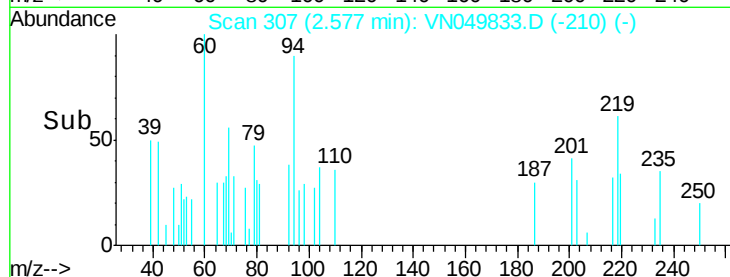
300

200

100

0

Time-->



#13

Acrolein

Concen: 0.24 ug/l

RT: 3.61 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN049833.D

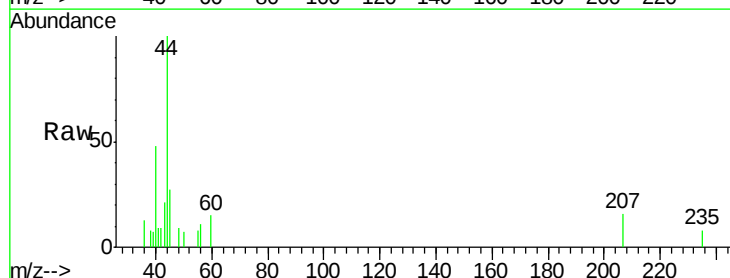
Acq: 14 Jul 2018 7:40

Tgt Ion: 56 Resp: 203

Ion Ratio Lower Upper

56 100

55 88.7 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

300

250

200

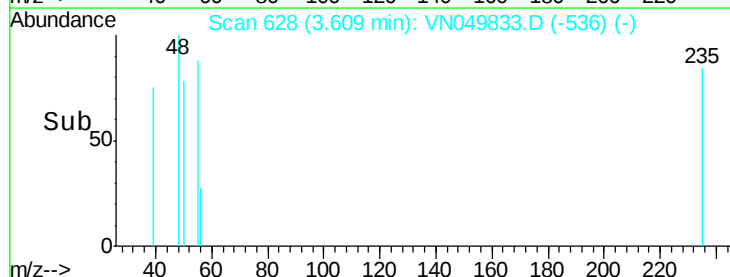
150

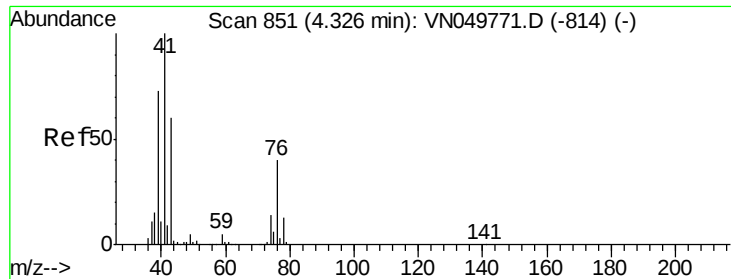
100

50

0

Time-->

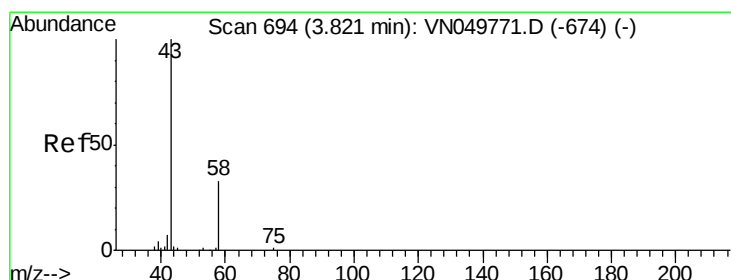
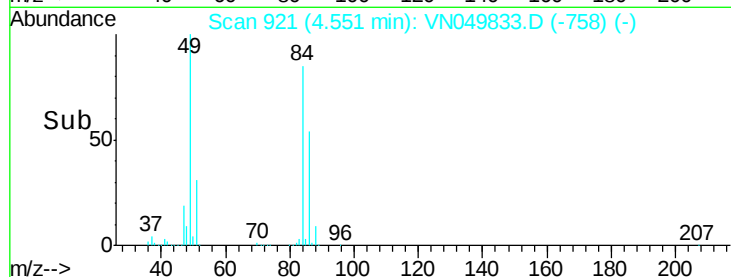
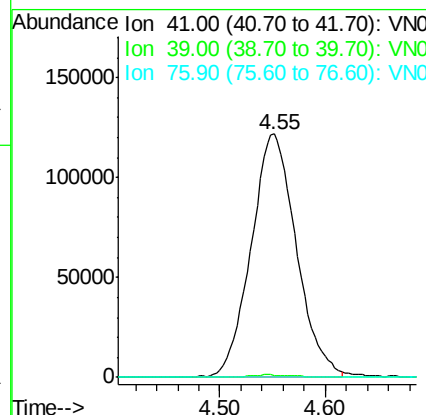
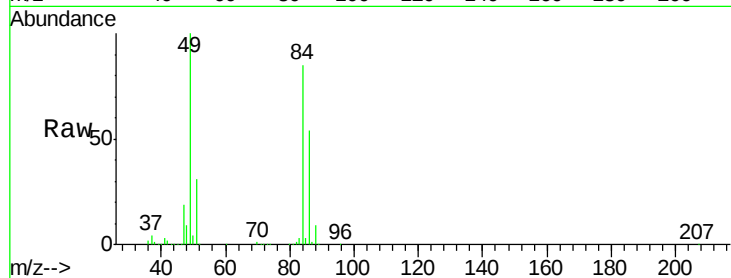




#14
Allvl chloride
Concen: 16.38 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

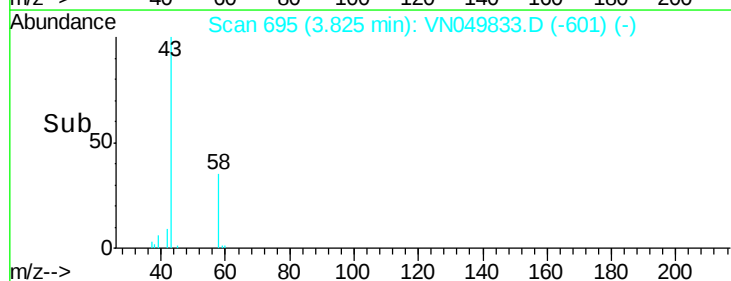
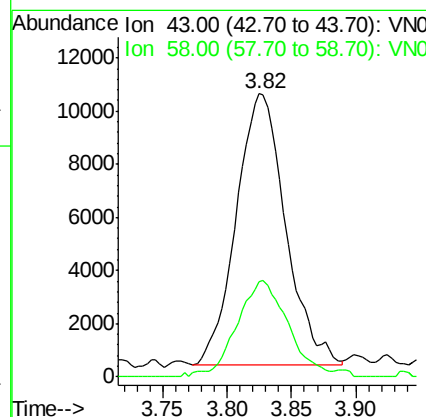
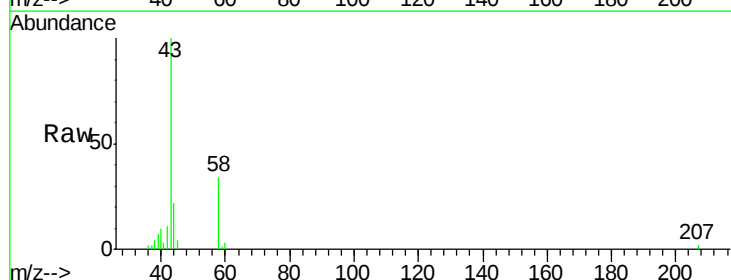
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

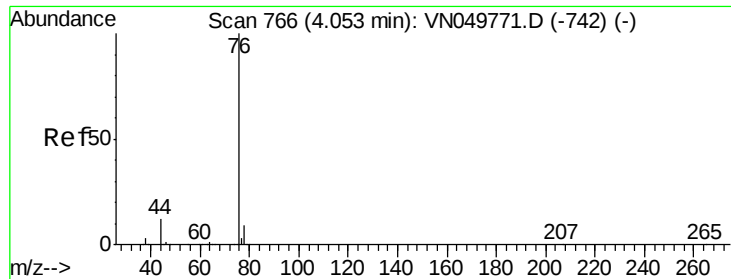
Tot Ion: 41 Resp: 363860
Ion Ratio Lower Upper
41 100
39 1.1 53.2 79.8#
76 0.0 29.0 43.6#



#16
Acetone
Concen: 5.49 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion: 43 Resp: 27097
Ion Ratio Lower Upper
43 100
58 33.6 25.9 38.9

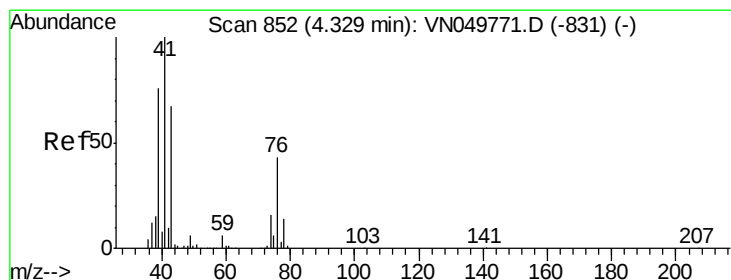
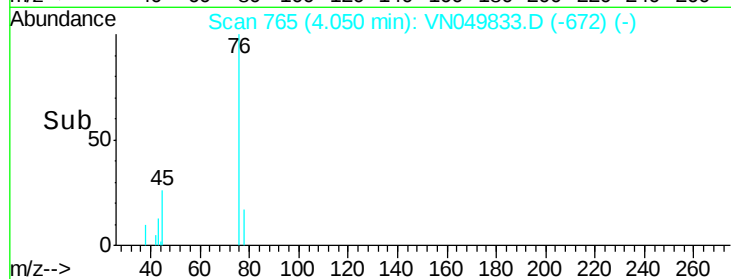
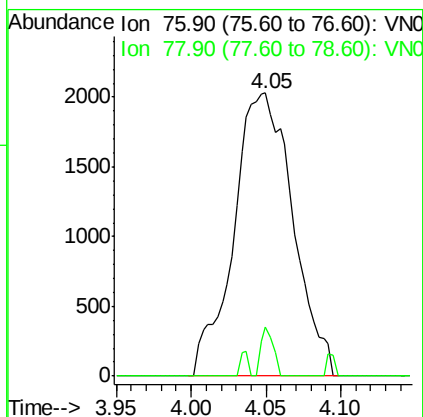
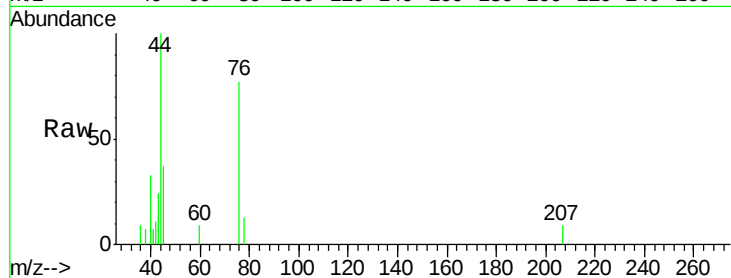




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

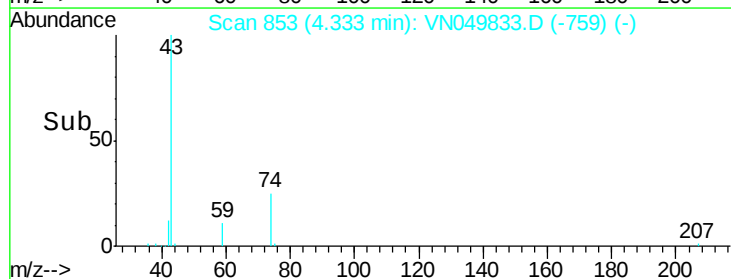
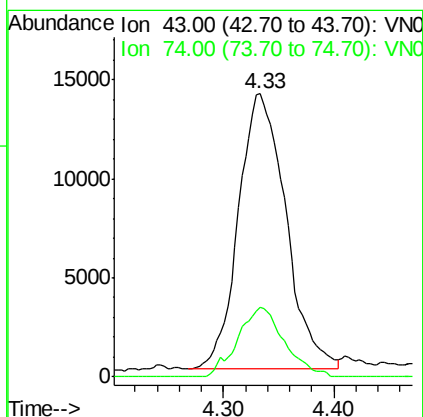
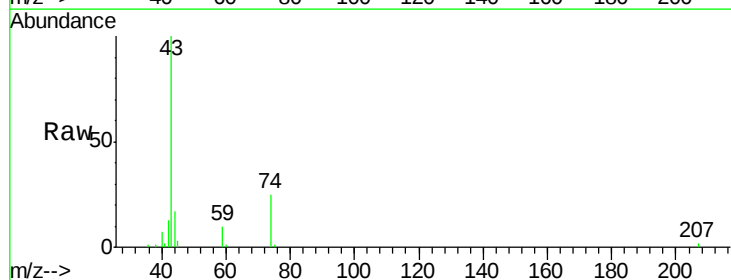
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

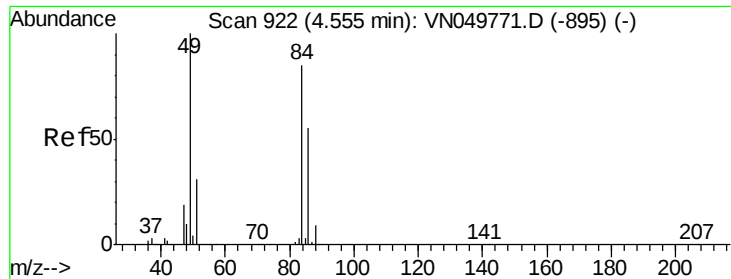
Tot Ion: 76 Resp: 5596
Ion Ratio Lower Upper
76 100
78 17.2 7.1 10.7#



#18
Methyl Acetate
Concen: 2.68 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion: 43 Resp: 41300
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8



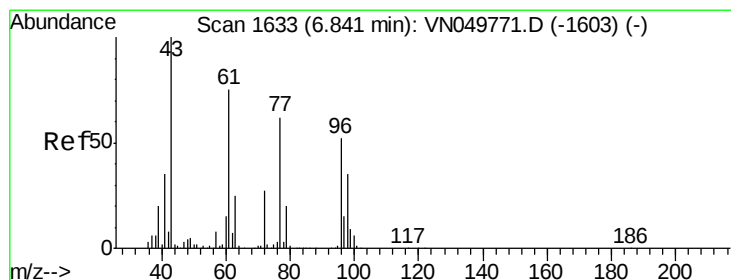
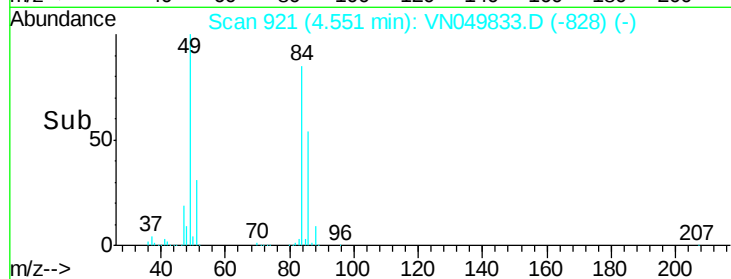
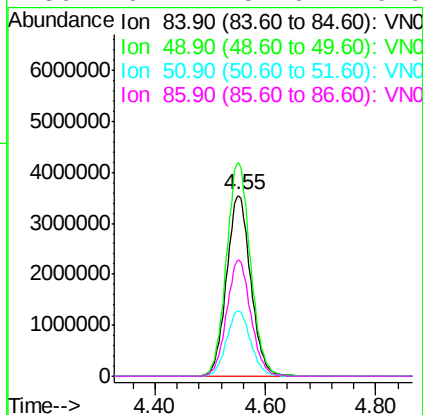
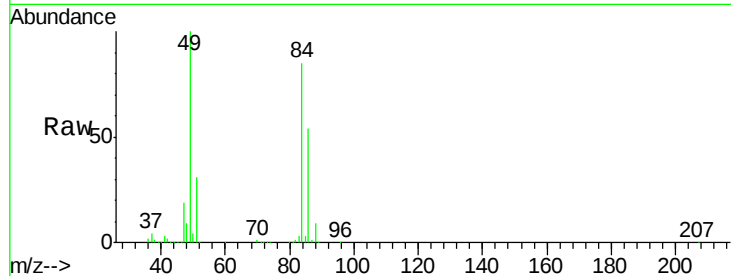


#20
Methvlene Chloride
Concen: 727.01 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

Tot Ion: 84 Resp:10734604

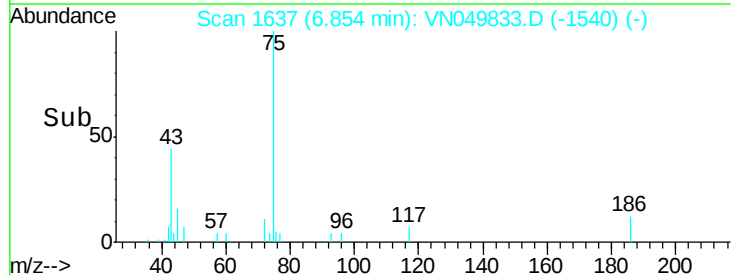
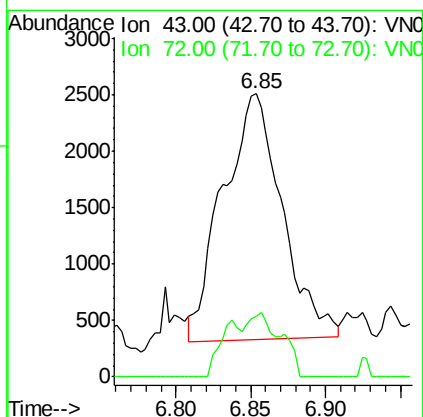
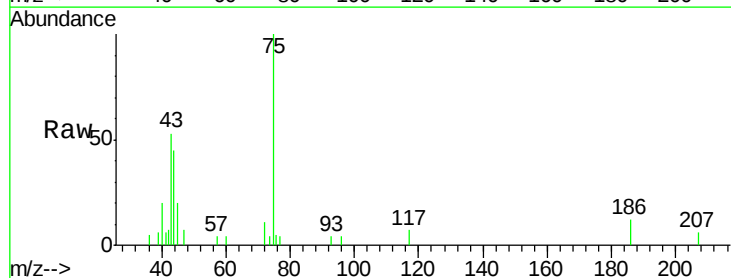
Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.4	143.2
51	36.3	28.4	42.6
86	64.2	52.6	79.0

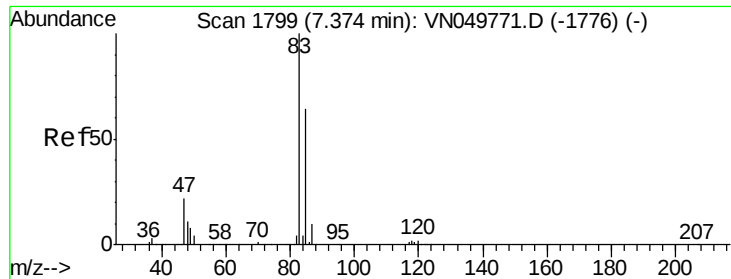


#25
2-Butanone
Concen: 1.05 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion: 43 Resp: 5988

Ion	Ratio	Lower	Upper
43	100		
72	25.9	22.1	33.1





#30

Chloroform

Concen: 0.50 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampled :

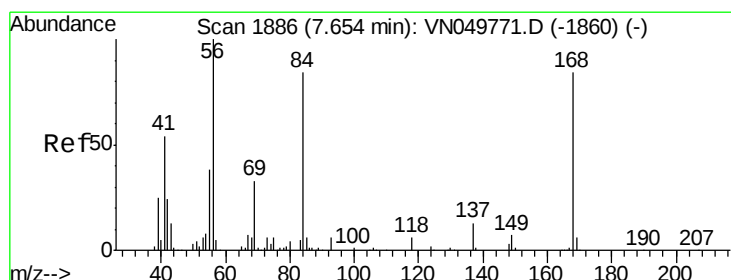
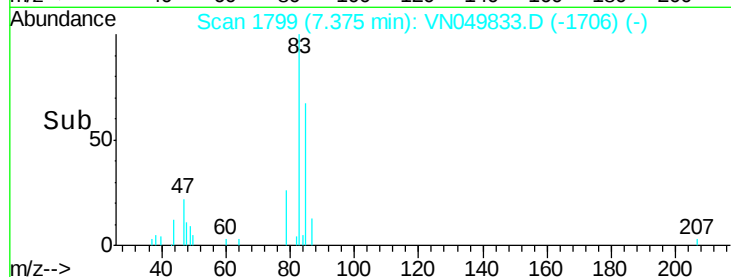
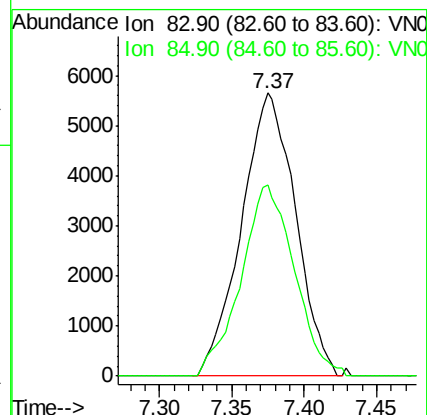
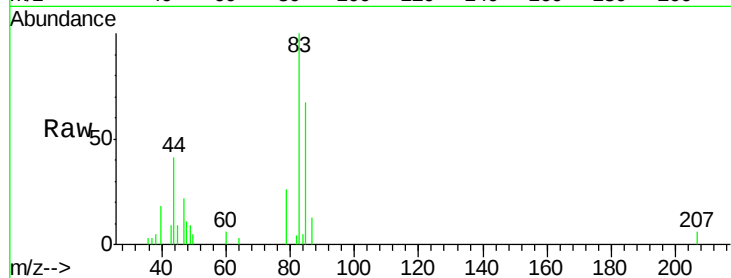
LS-SOIL-2

Tot Ion: 83 Resp: 14658

Ion Ratio Lower Upper

83 100

85 67.5 51.4 77.2



#31

Cyclohexane

Concen: 0.81 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

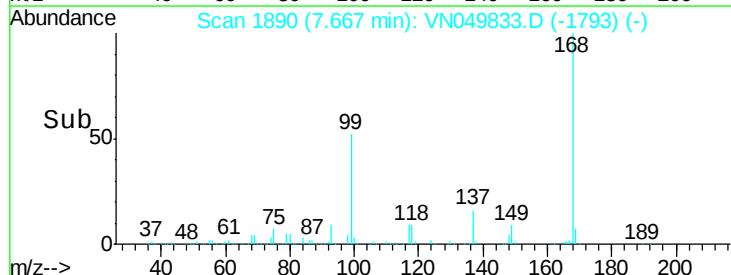
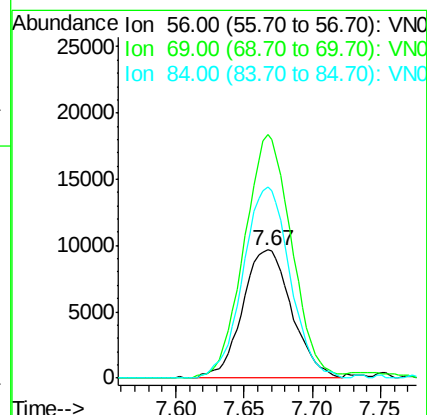
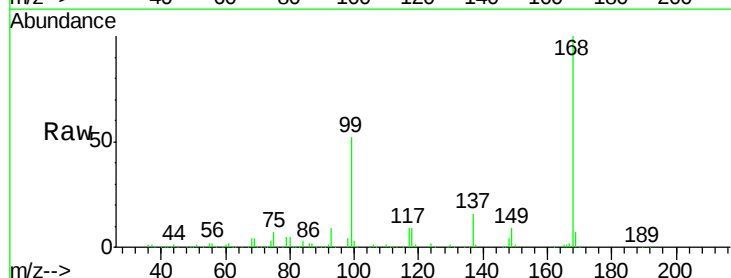
Tgt Ion: 56 Resp: 24266

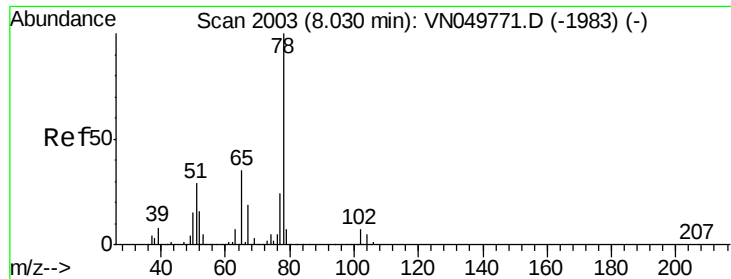
Ion Ratio Lower Upper

56 100

69 190.1 26.6 40.0#

84 149.2 69.0 103.6#

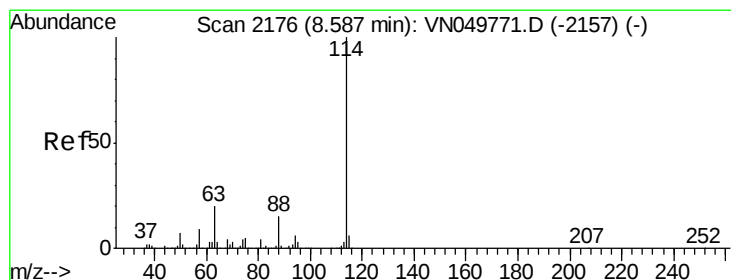
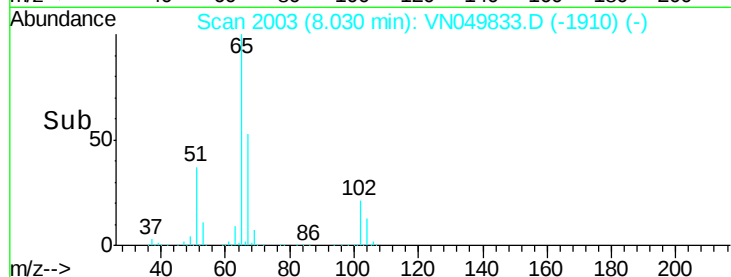
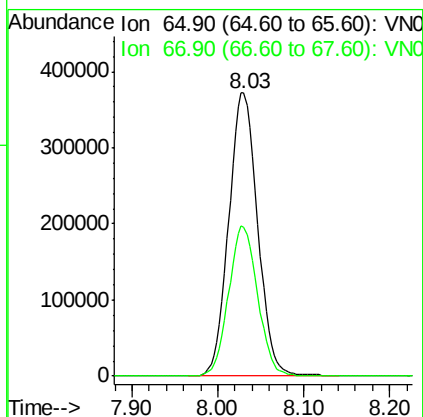
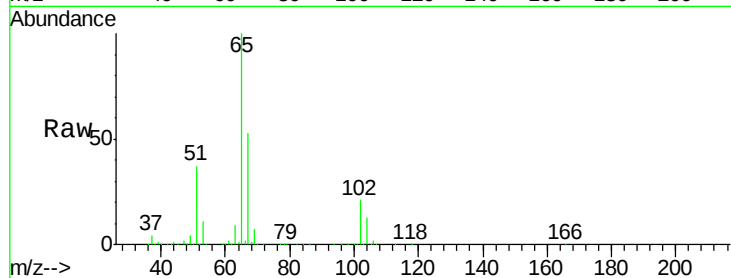




#33
 1,2-Dichloroethane-d4
 Concen: 59.42 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

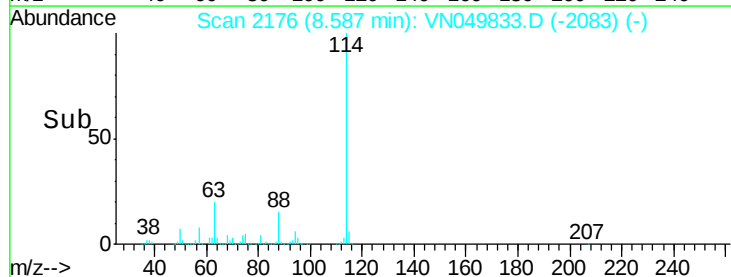
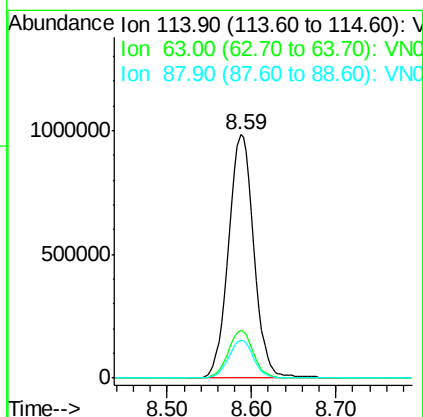
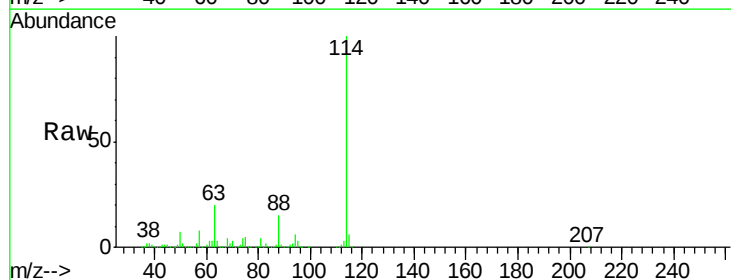
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-2

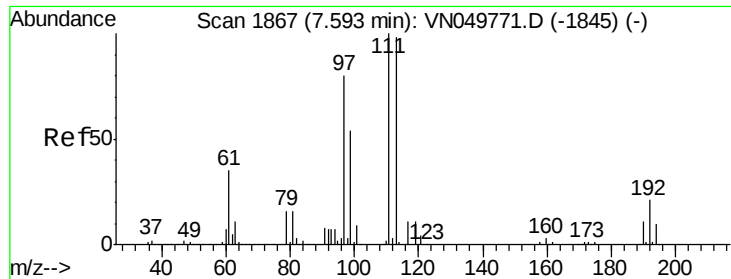
Tot Ion: 65 Resp: 870121
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

Tgt Ion: 114 Resp: 2058654
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.4 0.0 30.6

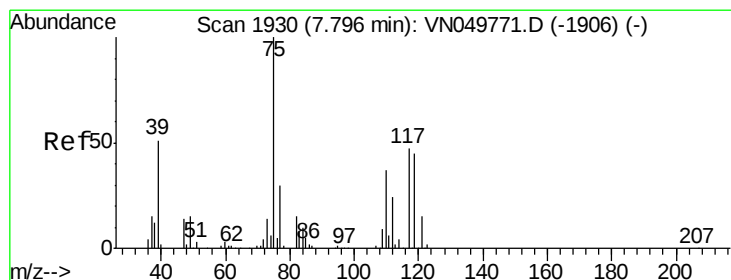
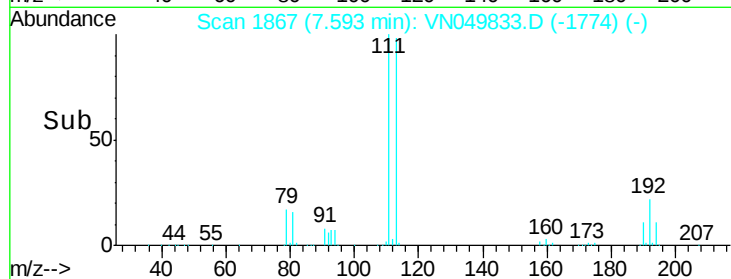
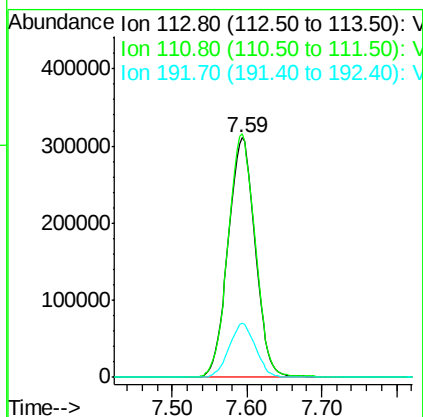
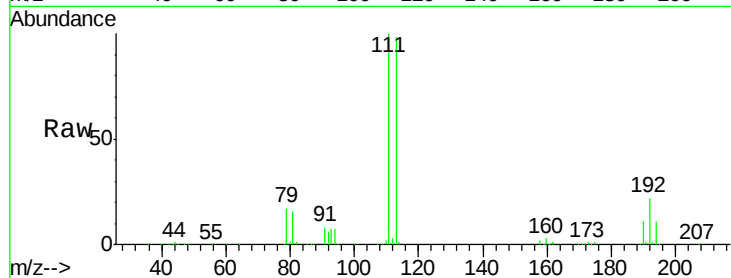




#35
Dibromofluoromethane
Concen: 50.47 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

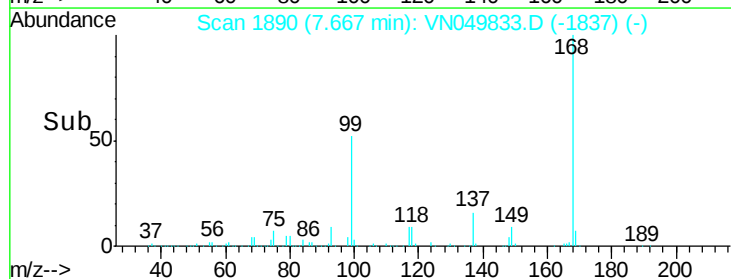
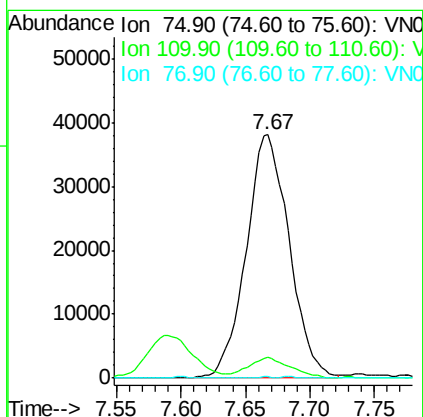
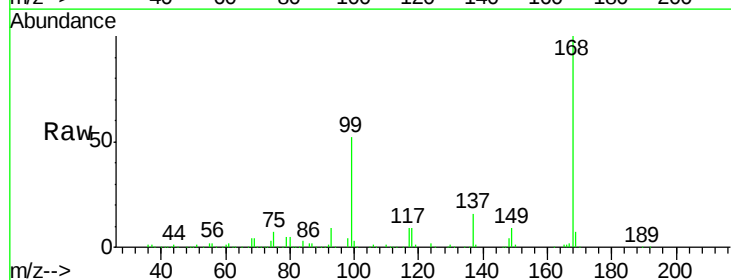
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-2

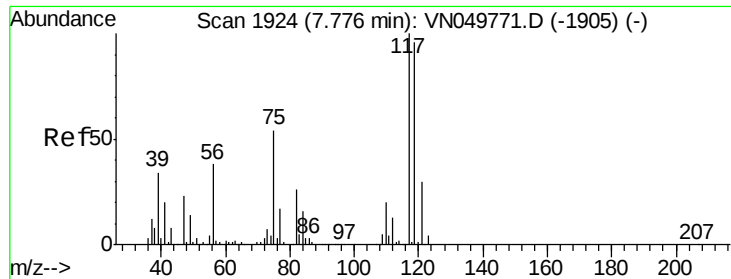
Tot Ion:113 Resp: 783198
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 21.9 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.73 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion: 75 Resp: 88545
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.1 24.9 37.3#

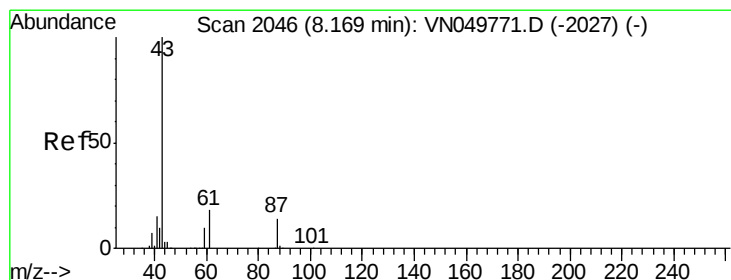
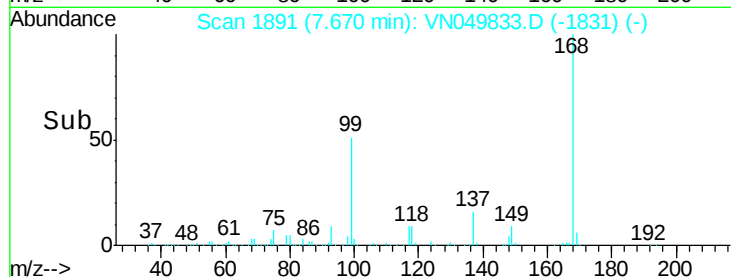
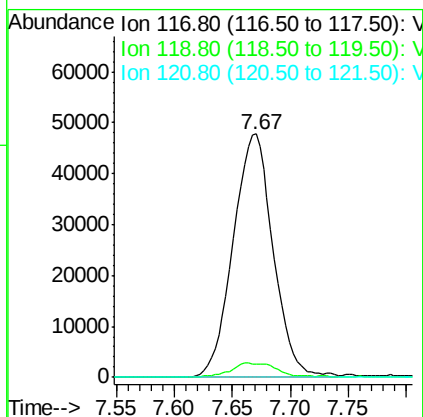
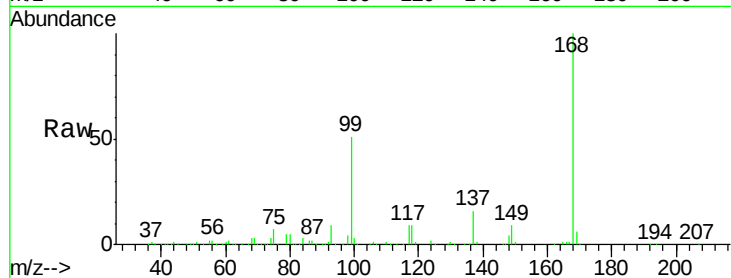




#38
Carbon Tetrachloride
Concen: 4.62 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

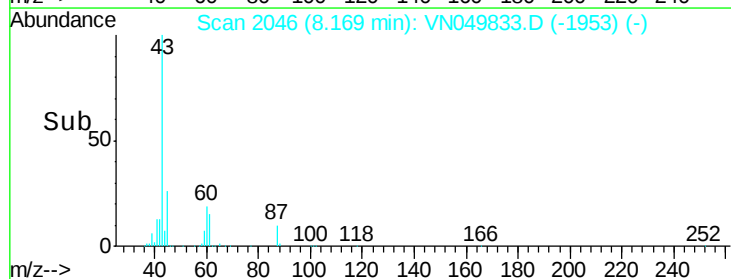
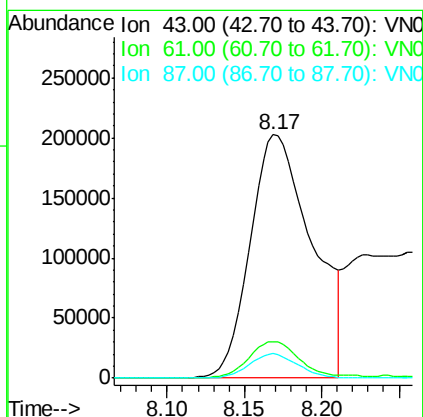
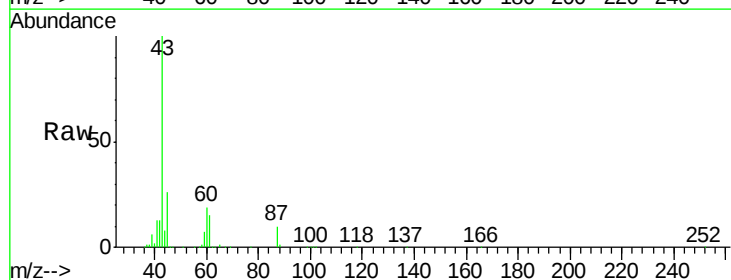
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

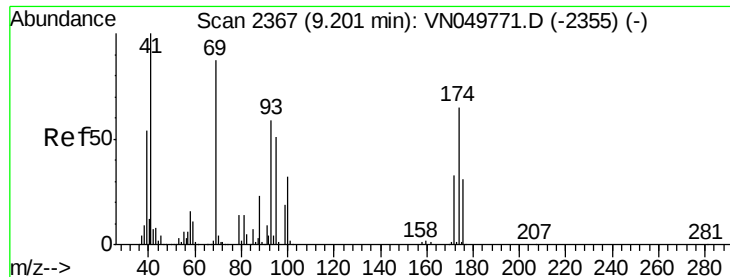
Tot Ion:117 Resp: 114577
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 25.0 37.6#



#43
Isopropyl Acetate
Concen: 22.25 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion: 43 Resp: 561682
Ion Ratio Lower Upper
43 100
61 12.7 14.9 22.3#
87 7.9 10.0 15.0#

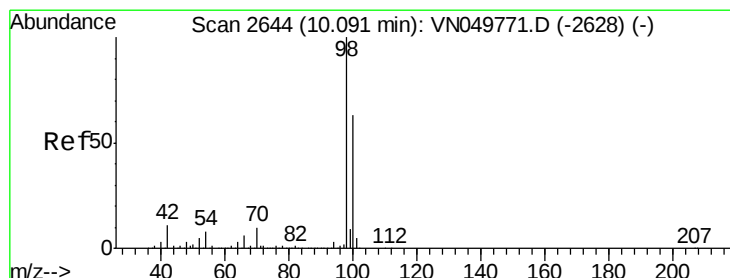
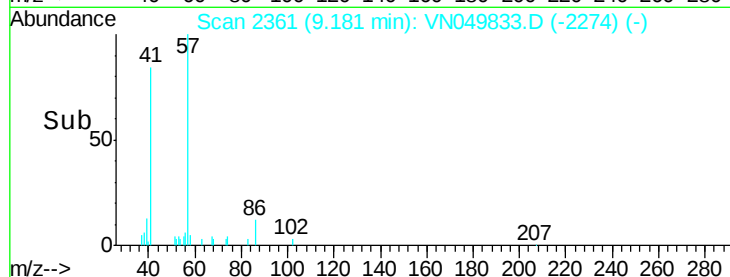
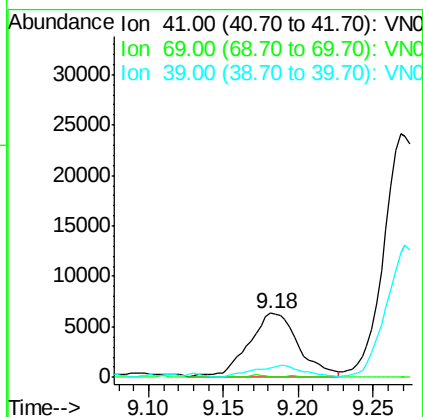
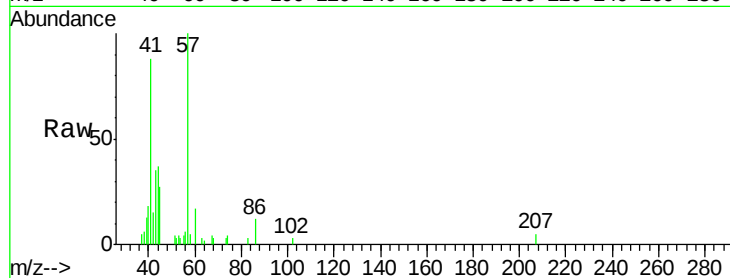




#48
Methvl methacrylate
Concen: 1.18 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

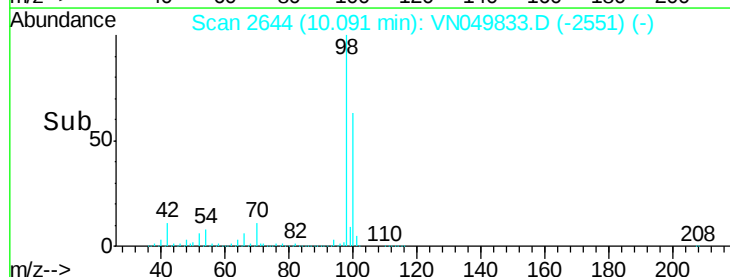
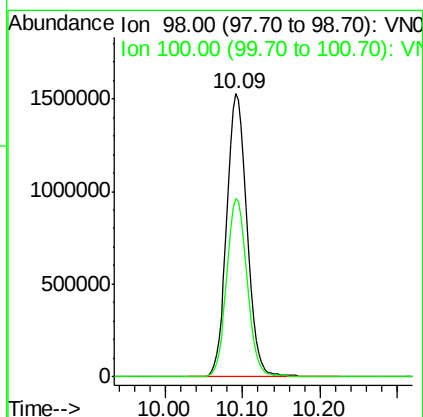
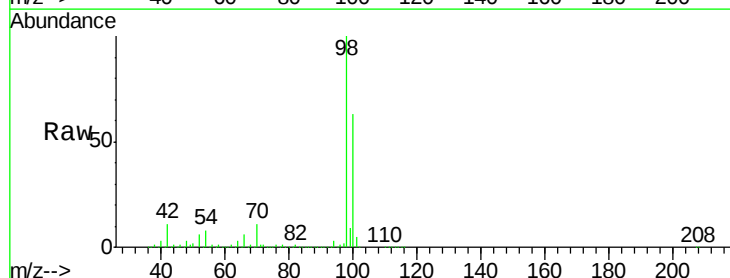
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

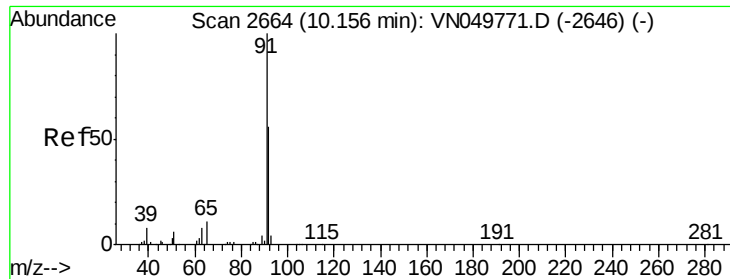
Tot Ion: 41 Resp: 14885
Ion Ratio Lower Upper
41 100
69 0.5 71.5 107.3#
39 18.8 44.7 67.1#



#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion: 98 Resp: 2766356
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5





#52

Toluene

Concen: 0.68 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampled :

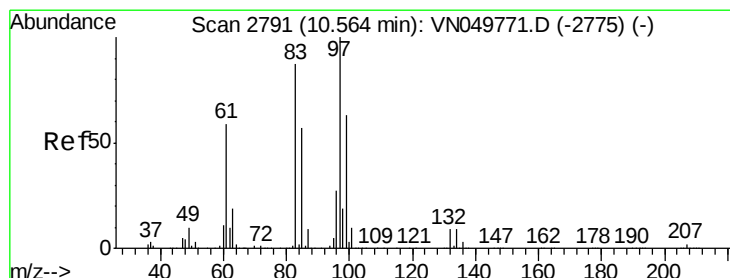
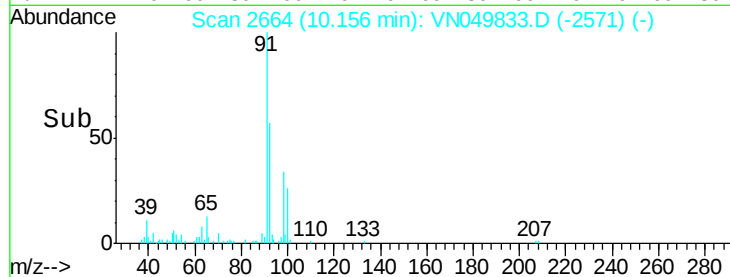
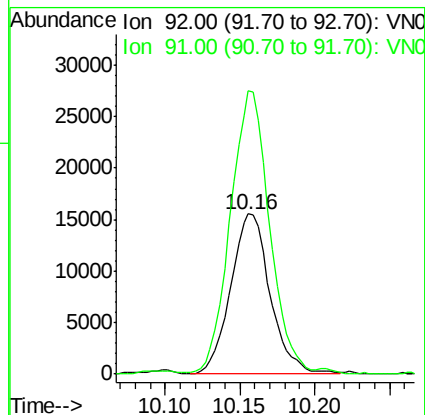
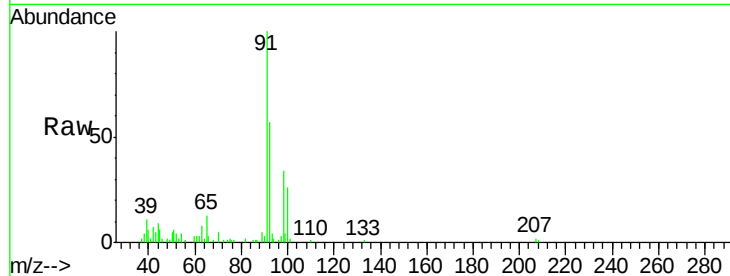
LS-SOIL-2

Tot Ion: 92 Resp: 28688

Ion Ratio Lower Upper

92 100

91 172.3 140.1 210.1



#55

1,1,2-Trichloroethane

Concen: Below Cal

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Tgt Ion: 97 Resp: 164

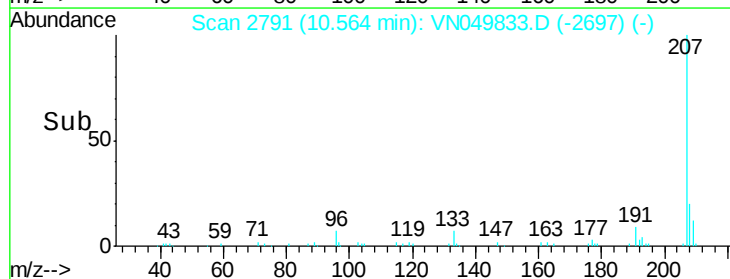
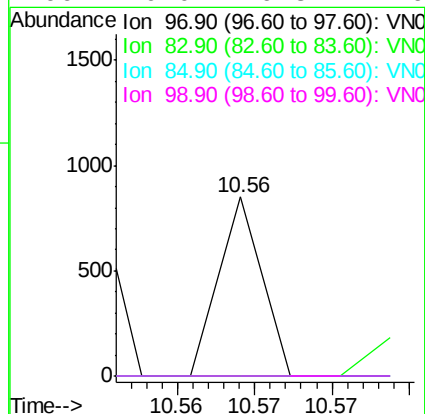
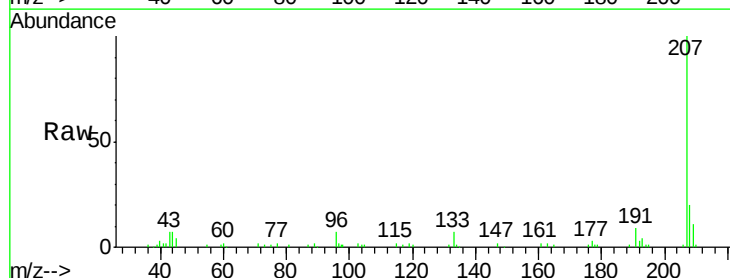
Ion Ratio Lower Upper

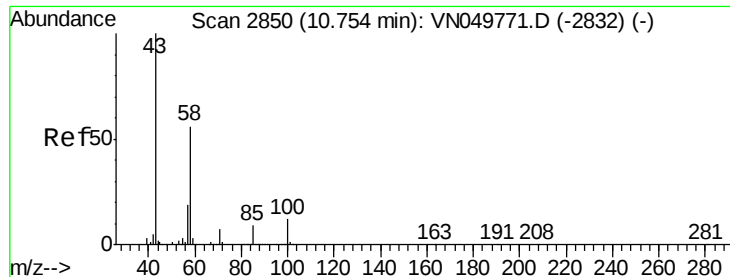
97 100

83 0.0 69.0 103.6#

85 0.0 44.9 67.3#

99 0.0 49.8 74.6#

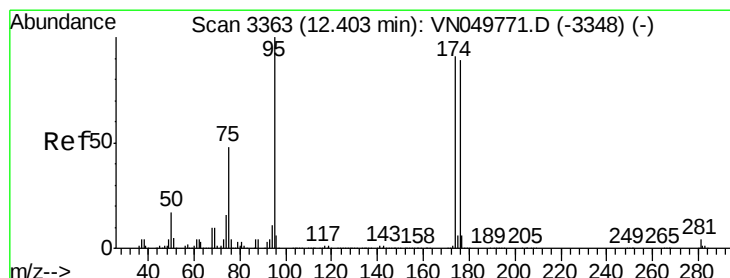
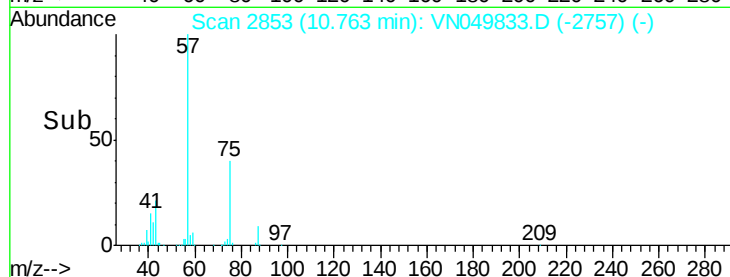
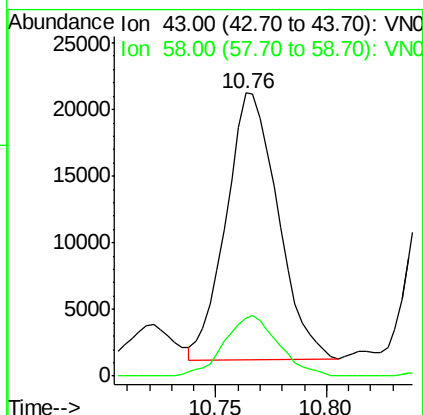
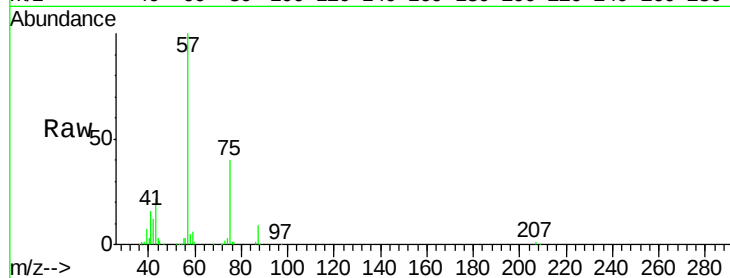




#59
 2-Hexanone
 Concen: 3.59 ug/l
 RT: 10.76 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

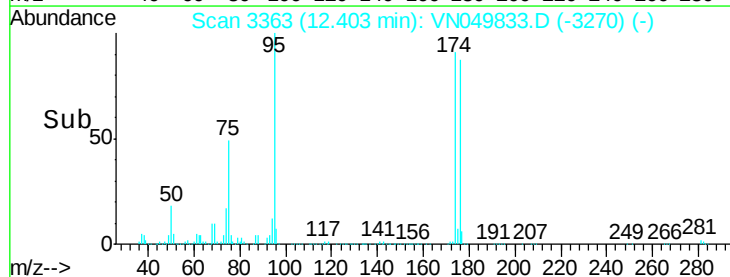
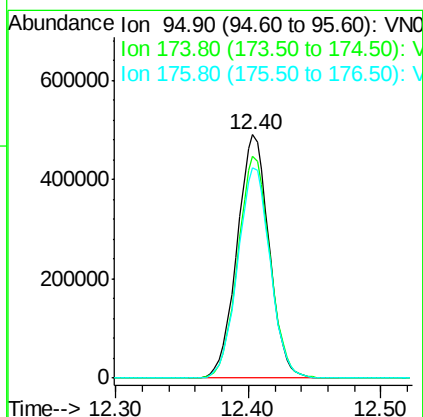
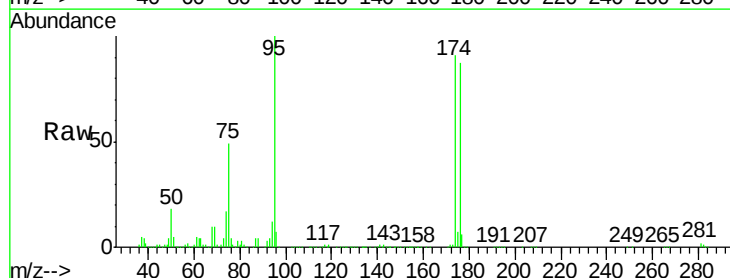
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-2

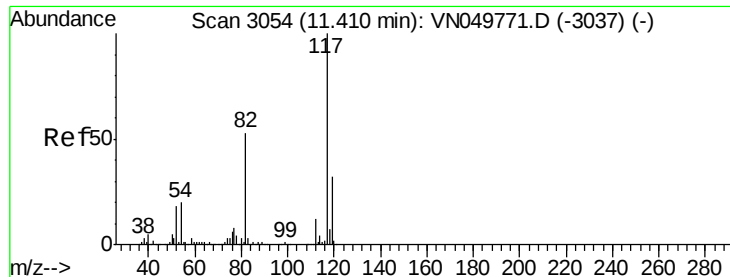
Tot Ion: 43 Resp: 32733
 Ion Ratio Lower Upper
 43 100
 58 23.7 27.8 83.4#



#62
 4-Bromofluorobenzene
 Concen: 43.31 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

Tgt Ion: 95 Resp: 821693
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 179.6
 176 87.3 0.0 174.0

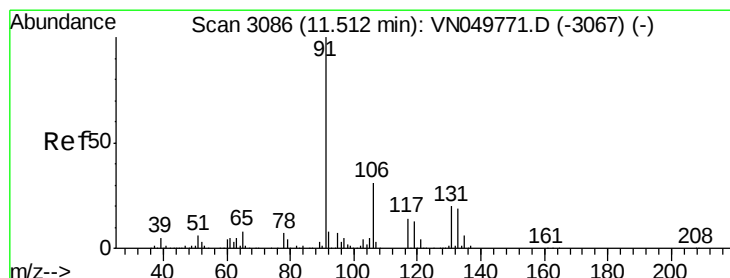
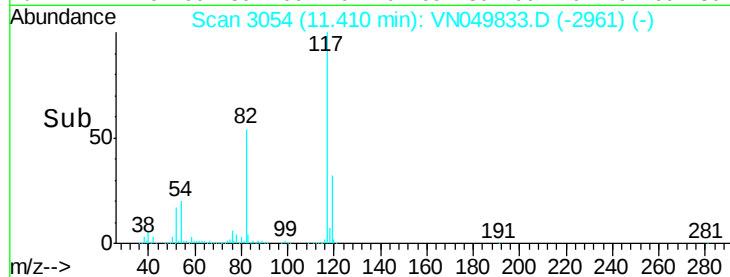
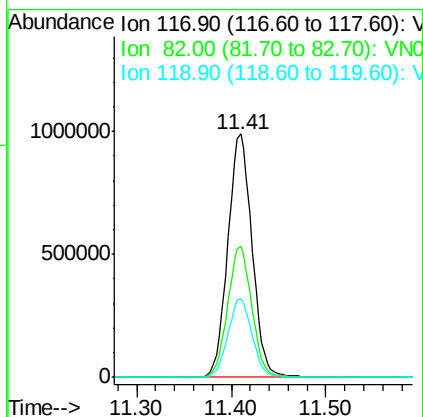
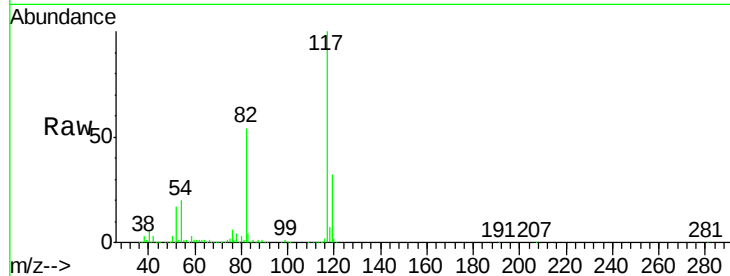




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

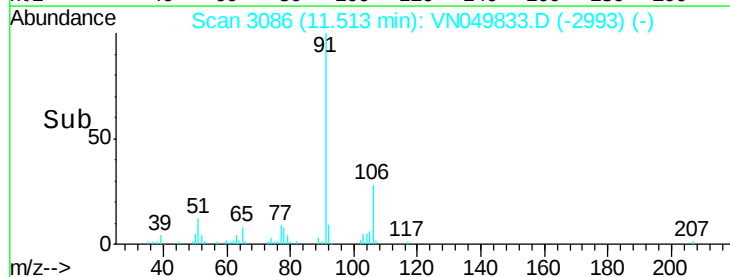
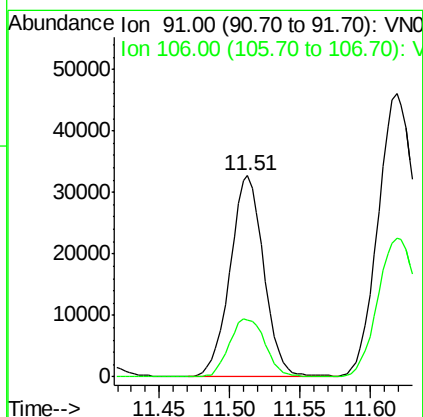
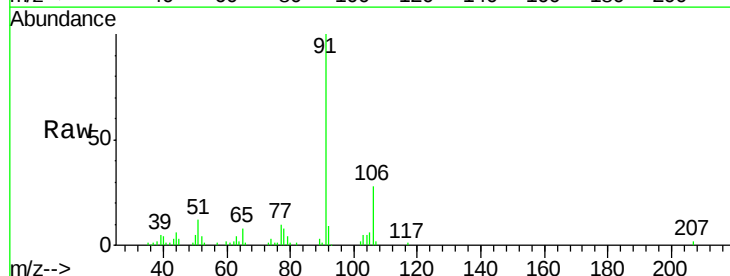
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

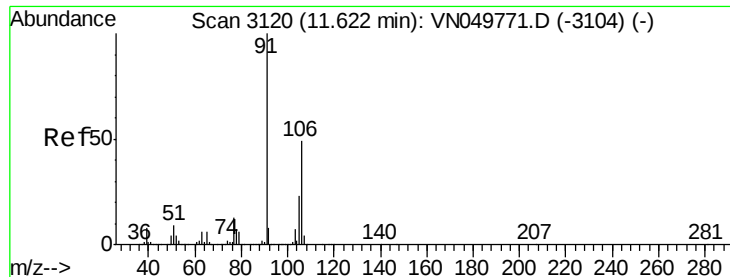
Tot Ion:117 Resp: 1756973
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.4 25.4 38.2



#67
Ethyl Benzene
Concen: 0.73 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion: 91 Resp: 54898
Ion Ratio Lower Upper
91 100
106 28.5 24.8 37.2

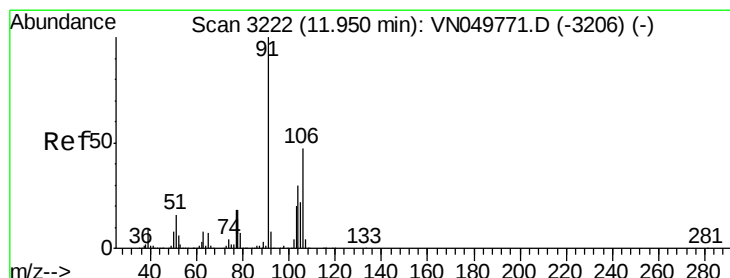
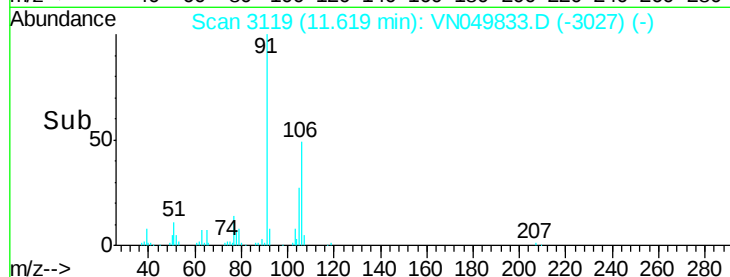
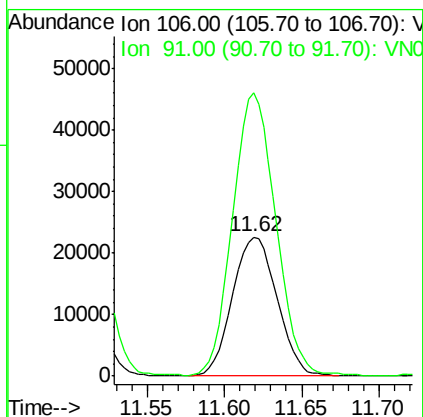
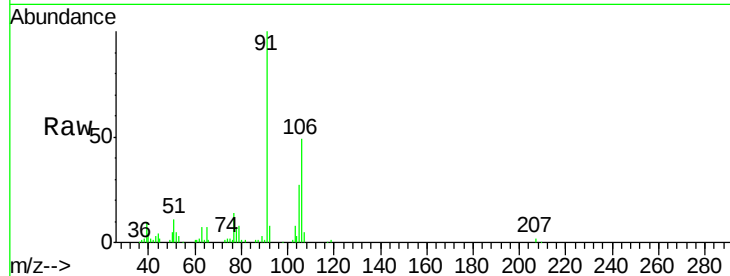




#68
m/p-Xylenes
Concen: 1.61 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

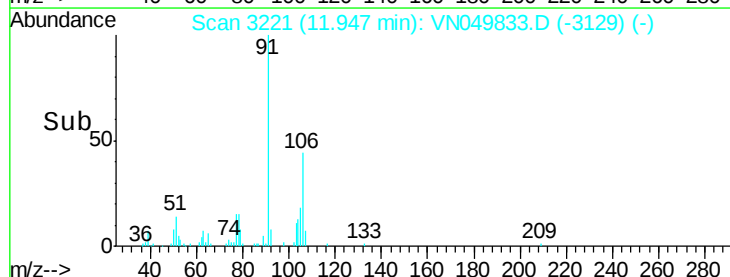
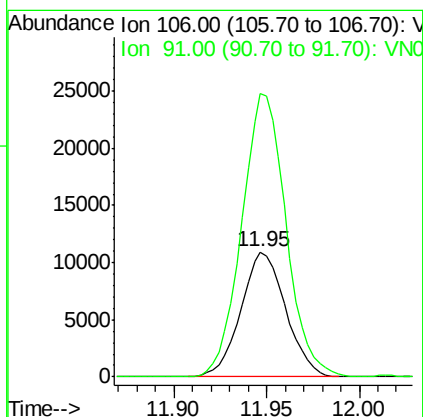
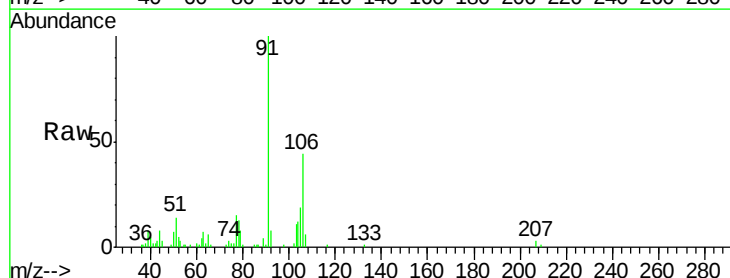
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

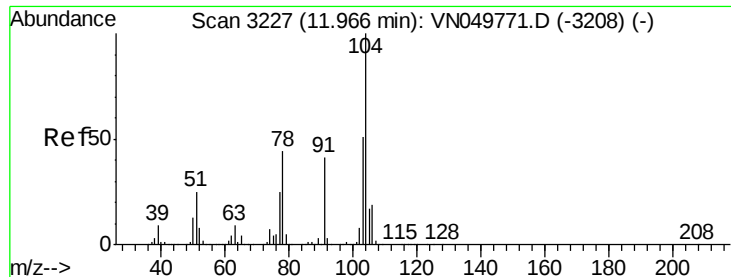
Tot Ion:106 Resp: 45404
Ion Ratio Lower Upper
106 100
91 197.2 163.4 245.2



#69
o-Xylene
Concen: 0.68 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Tgt Ion:106 Resp: 18415
Ion Ratio Lower Upper
106 100
91 223.9 108.7 326.1





#70

Stvrene

Concen: 0.44 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-2

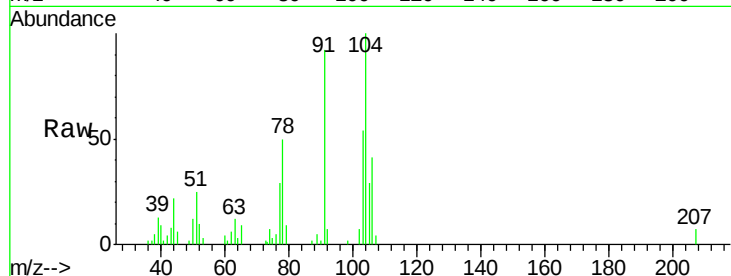
Tot Ion:104 Resp: 19071

Ion Ratio Lower Upper

104 100

78 58.7 39.2 58.8

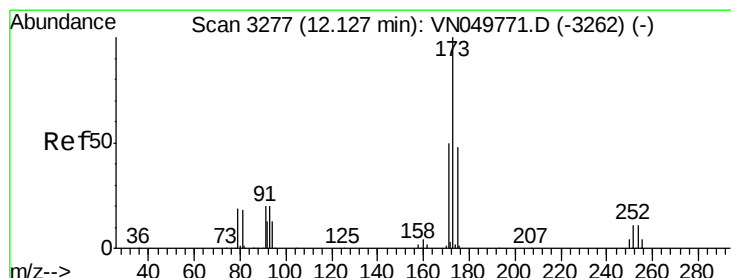
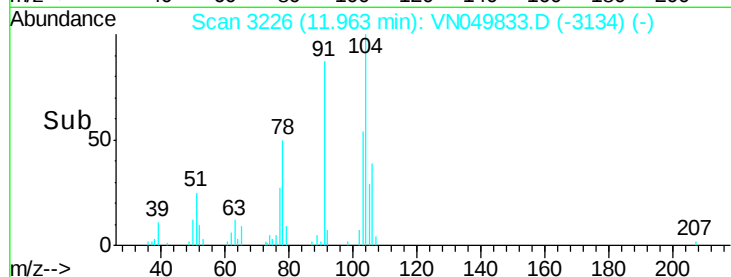
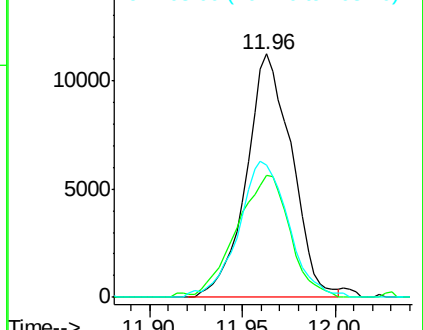
103 61.2 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

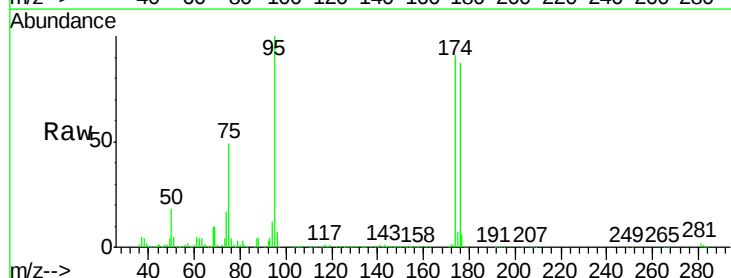
Tgt Ion:173 Resp: 6595

Ion Ratio Lower Upper

173 100

175 681.9 24.6 73.8#

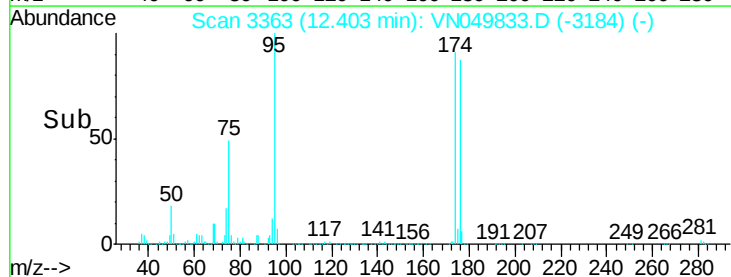
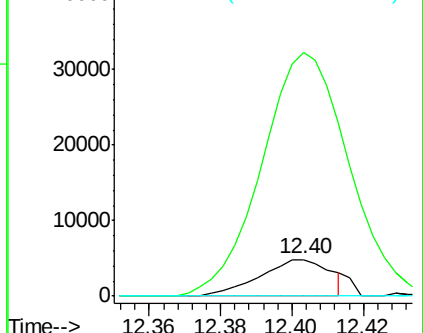
254 0.0 0.2 0.2#

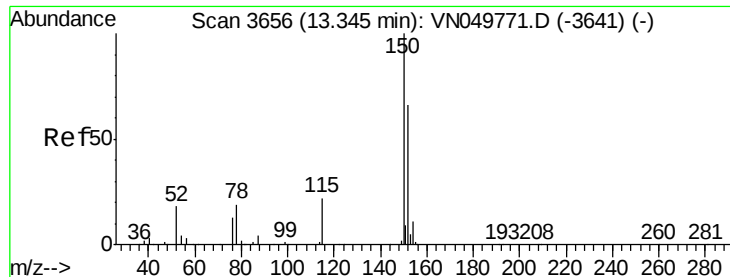


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-2

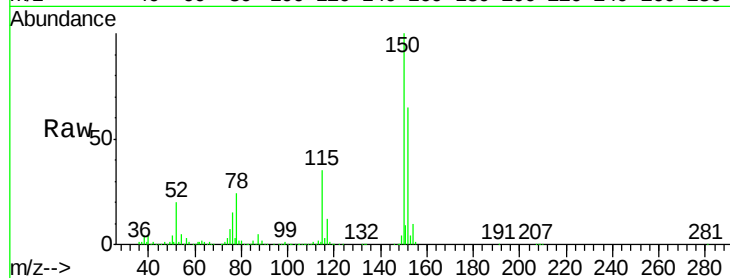
Tot Ion:152 Resp: 745867

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

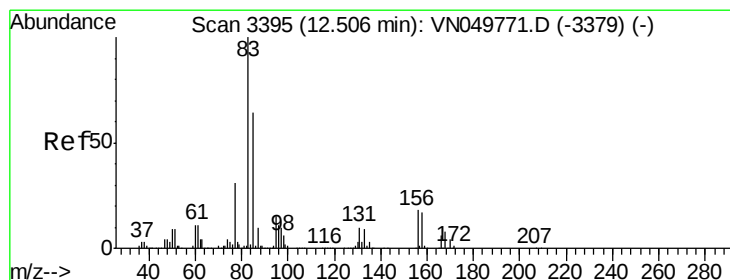
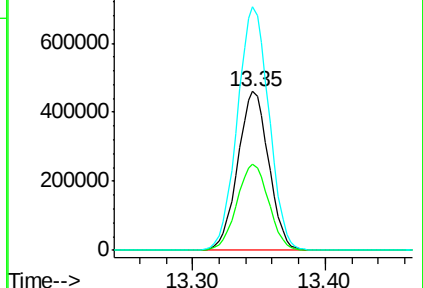
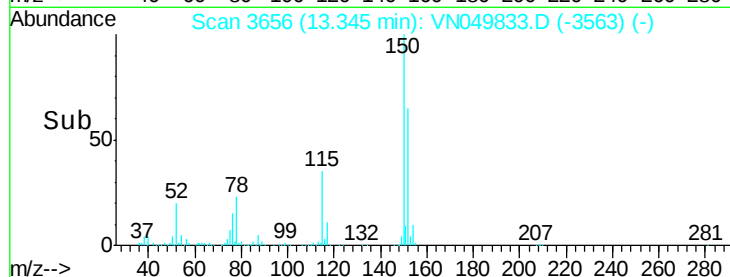
150 156.3 0.0 347.6



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: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

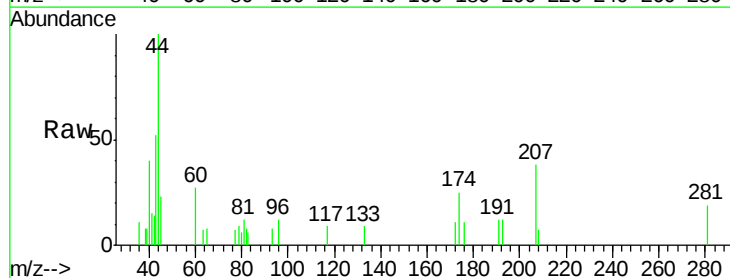
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

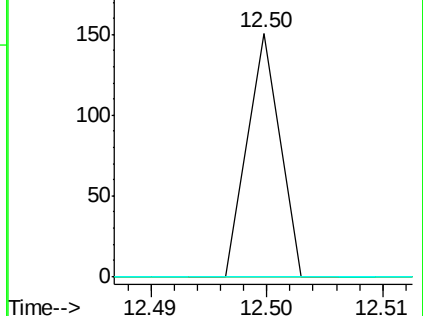
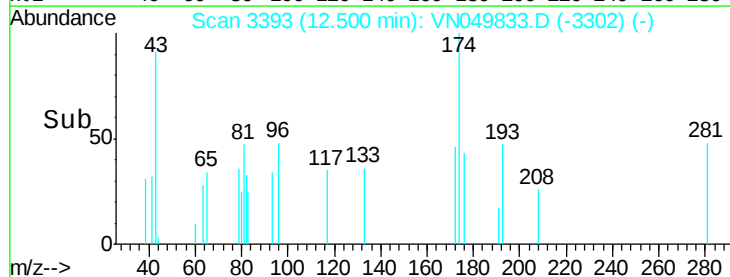
85 0.0 32.5 97.4#

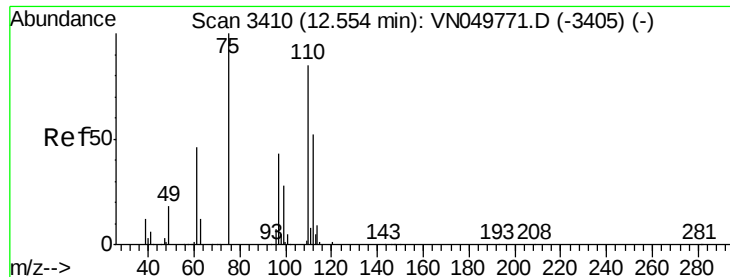


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 30.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampled :

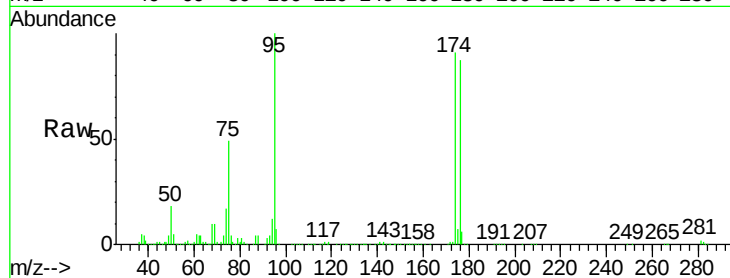
LS-SOIL-2

Tot Ion: 75 Resp: 401040

Ion Ratio Lower Upper

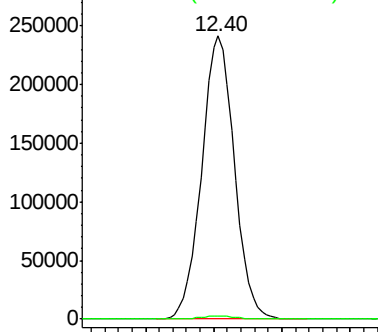
75 100

77 1.3 0.0 0.0#

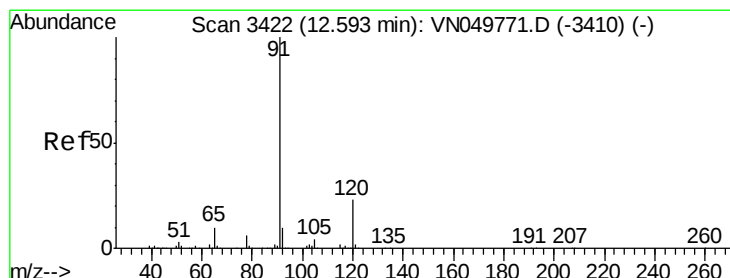
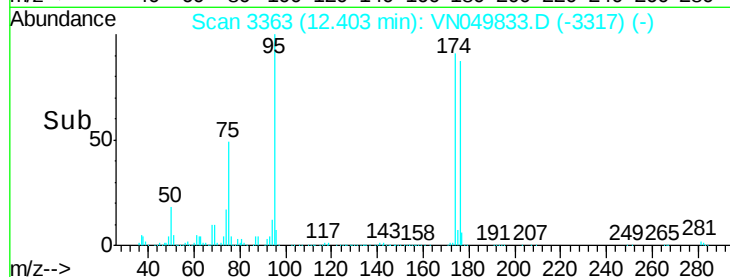


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#78

n-propylbenzene

Concen: 0.28 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049833.D

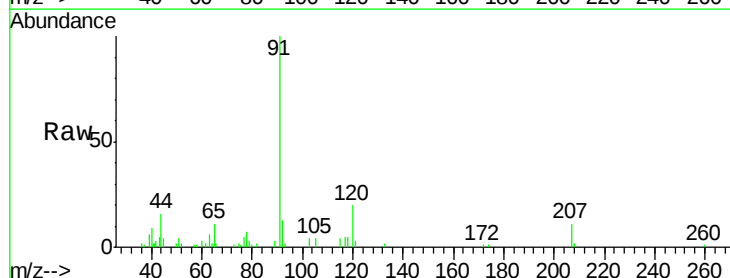
Acq: 14 Jul 2018 7:40

Tgt Ion: 91 Resp: 19310

Ion Ratio Lower Upper

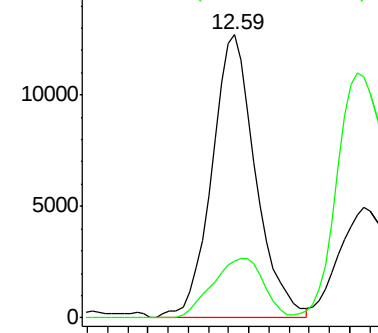
91 100

120 24.7 11.5 34.4

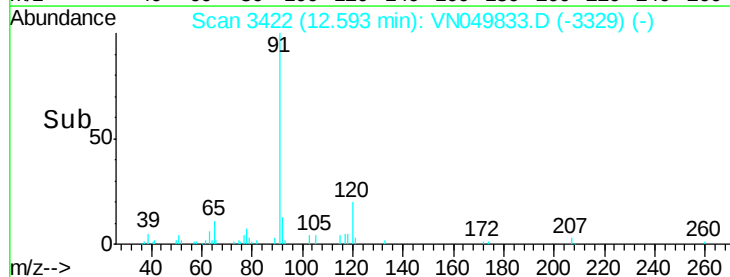


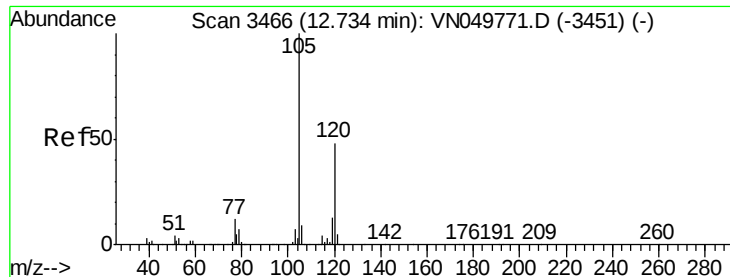
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.72 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampled :

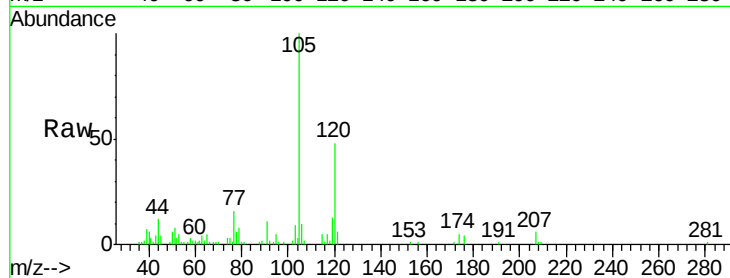
LS-SOIL-2

Tot Ion:105 Resp: 35612

Ion Ratio Lower Upper

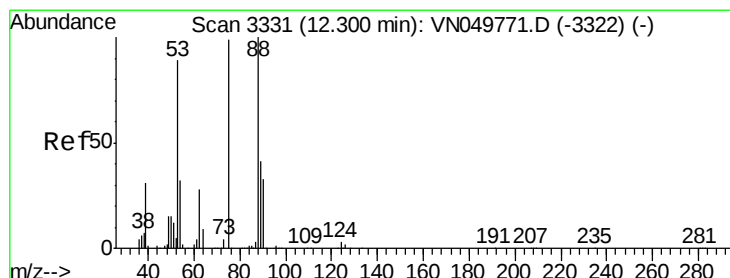
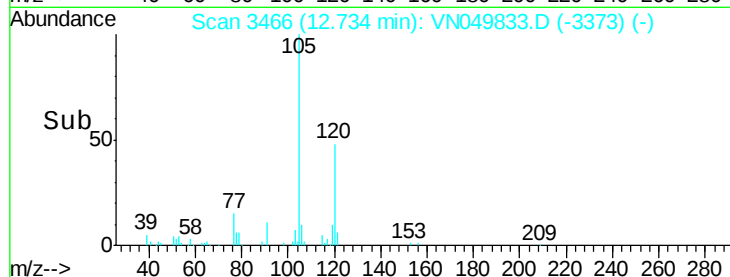
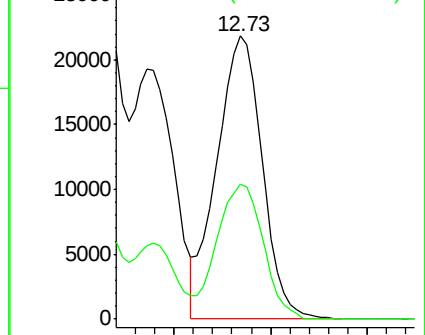
105 100

120 48.6 24.3 72.8



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: 97.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

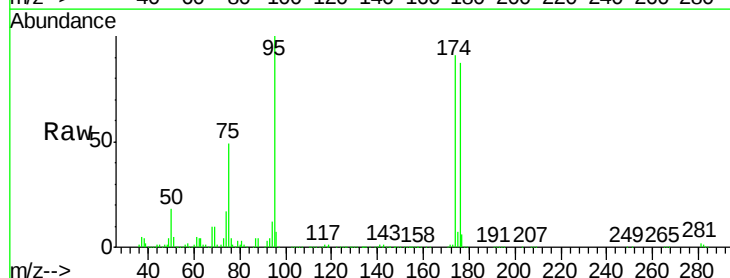
Tgt Ion: 75 Resp: 401040

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

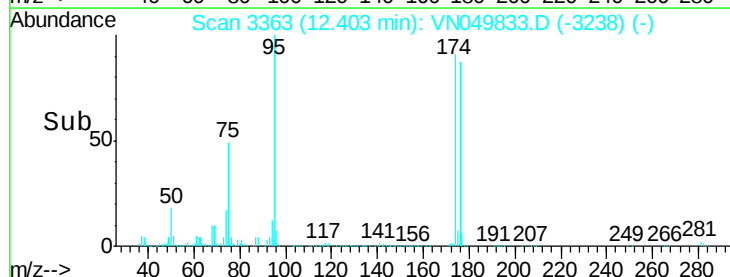
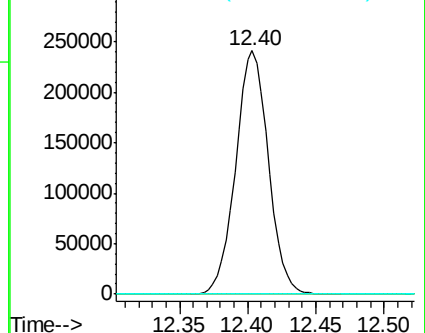
89 0.0 35.9 53.9#

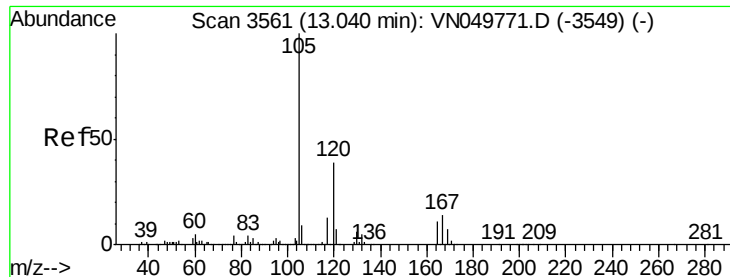


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

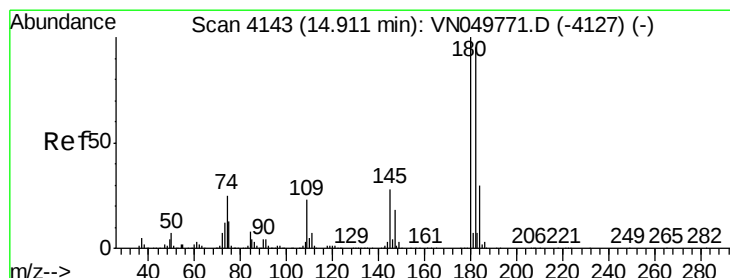
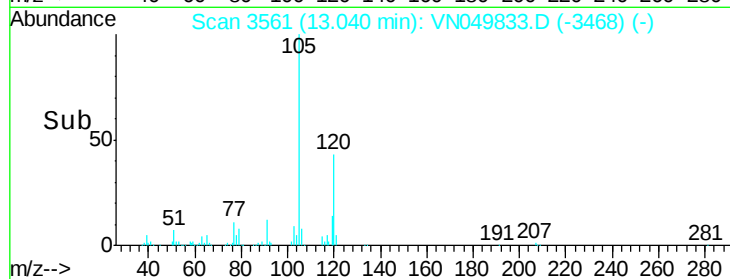
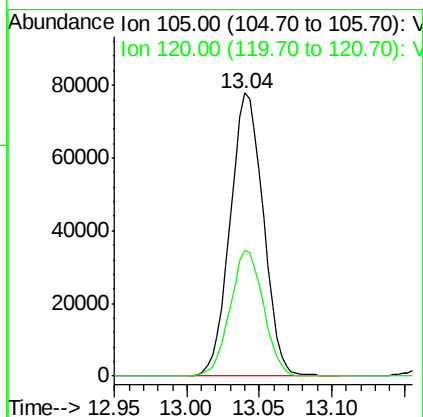
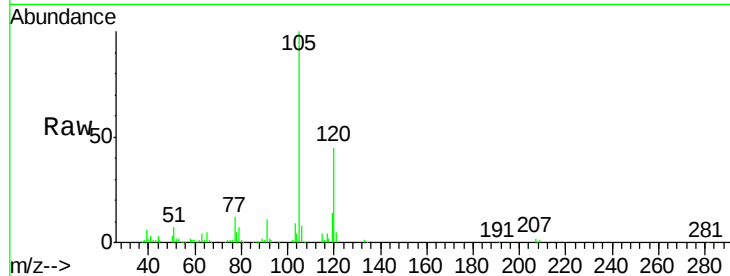




#84
 1,2,4-Trimethylbenzene
 Concen: 2.50 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

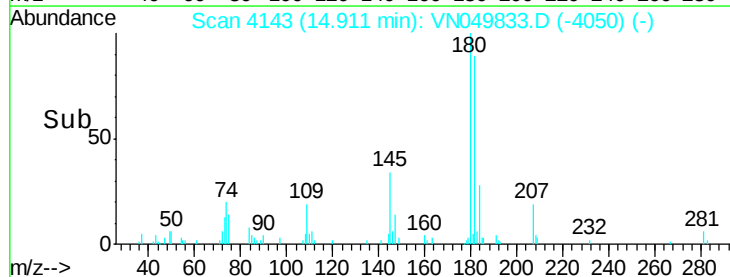
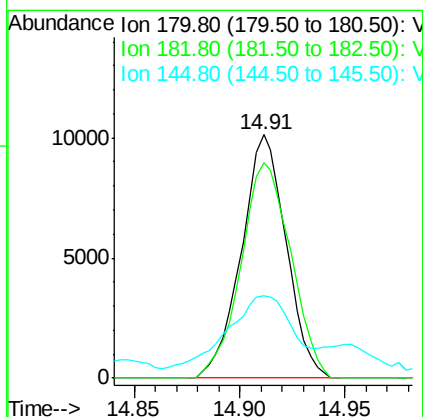
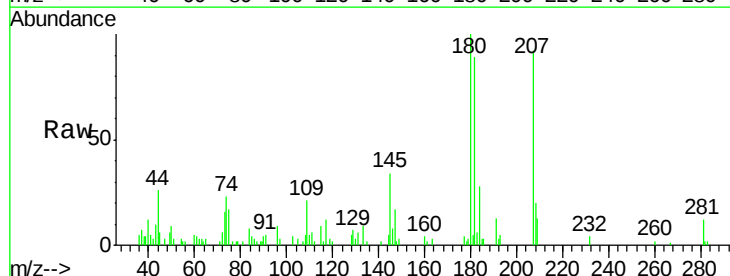
Instrument :
 MSVOA_N
 ClientSampled :
 LS-SOIL-2

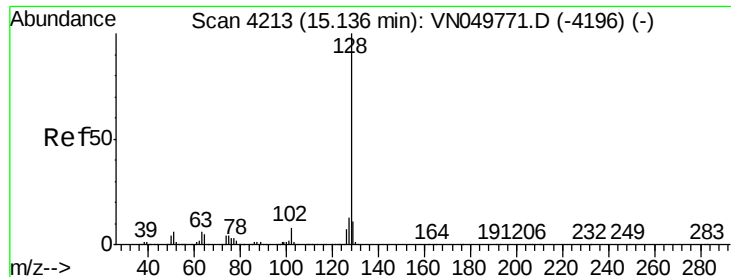
Tot Ion:105 Resp: 123467
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.1



#93
 1,2,4-Trichlorobenzene
 Concen: 3.81 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

Tgt Ion:180 Resp: 14961
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.3 141.9
 145 43.9 14.4 43.0#





#95

Naphthalene

Concen: 30.75 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-2

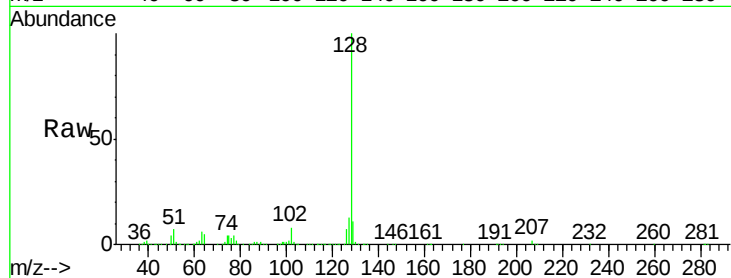
Tot Ion:128 Resp: 958518

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

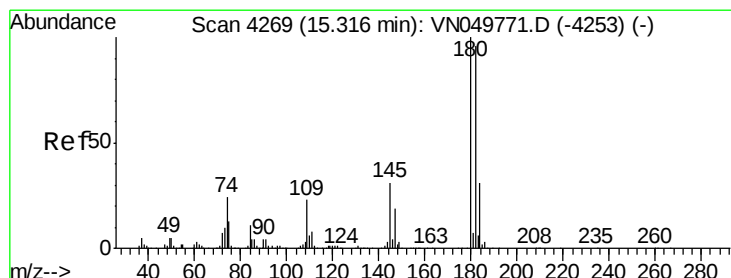
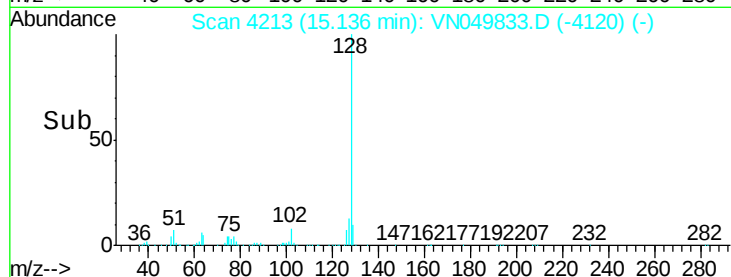
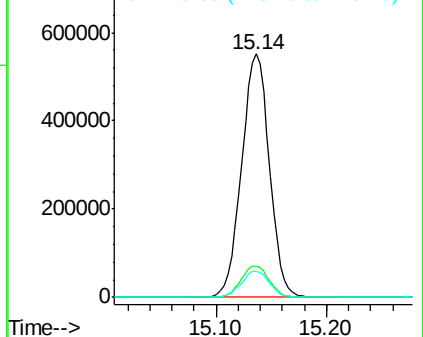
129 11.1 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 0.22 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049833.D

Acq: 14 Jul 2018 7:40

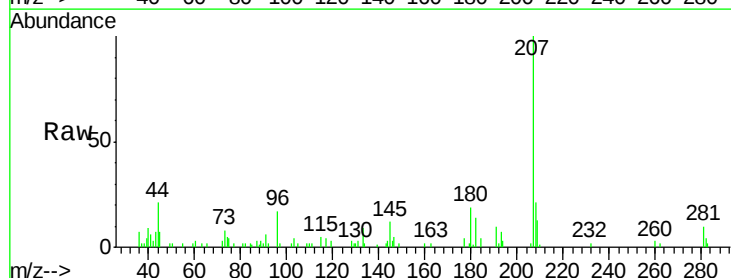
Tgt Ion:180 Resp: 3007

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.2

145 45.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

