

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 01:02:22 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	870121	59.42	ug/l	0.00
Spiked Amount			Recovery	=	118.84%	
35) Dibromofluoromethane	7.59	113	783198	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	2766356	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.40	95	821693	43.31	ug/l	0.00
Spiked Amount			Recovery	=	86.62%	

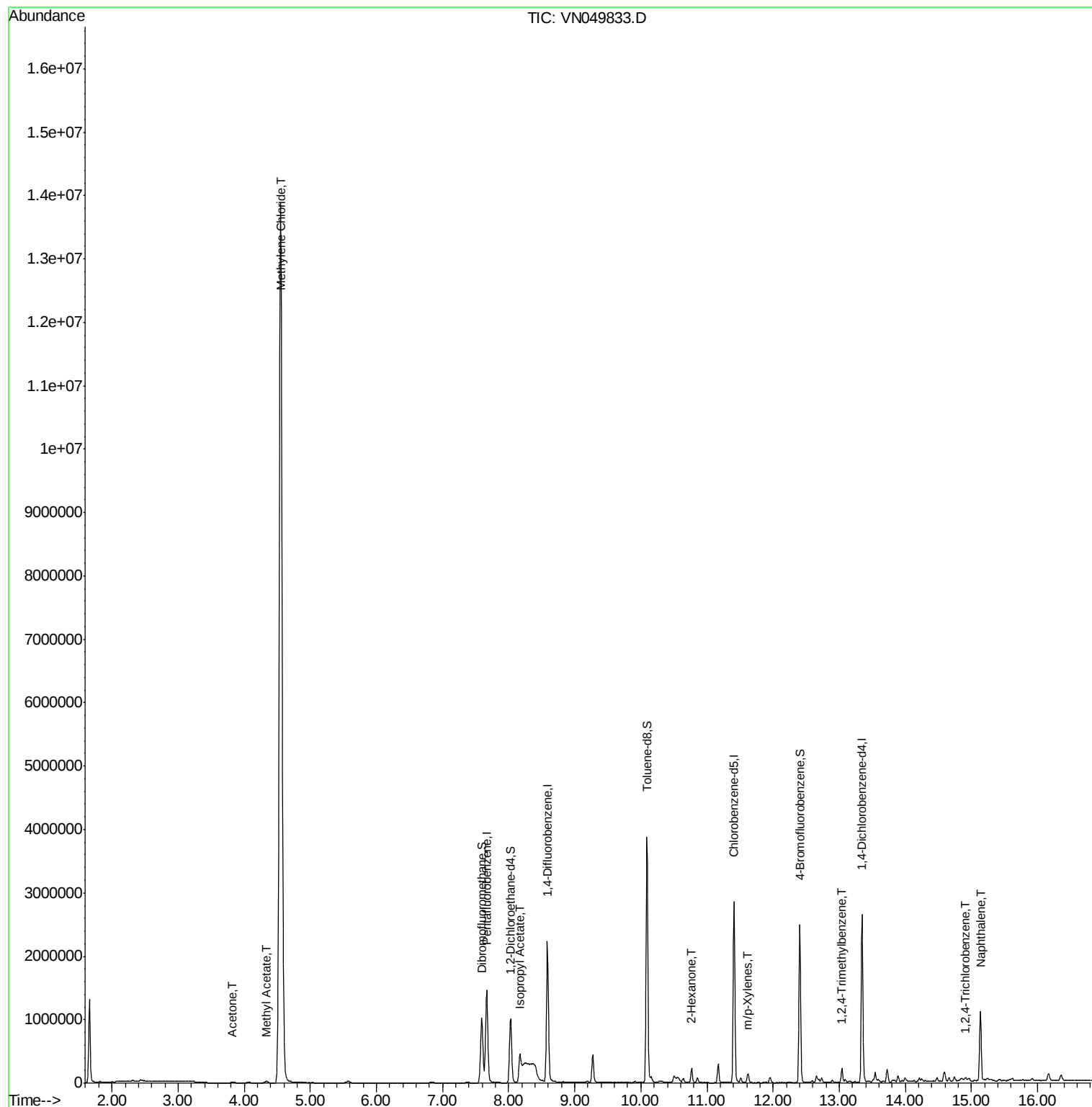
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	27097	5.49	ug/l	98
18) Methyl Acetate	4.33	43	41300	2.68	ug/l	100
20) Methylene Chloride	4.55	84	10734604	727.01	ug/l	99
43) Isopropyl Acetate	8.17	43	561682	22.25	ug/l #	87
59) 2-Hexanone	10.76	43	32733	3.59	ug/l #	56
68) m/p-Xylenes	11.62	106	45404	1.61	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	123467	2.50	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	14961	3.81	ug/l #	90
95) Naphthalene	15.14	128	958518	30.75	ug/l	99

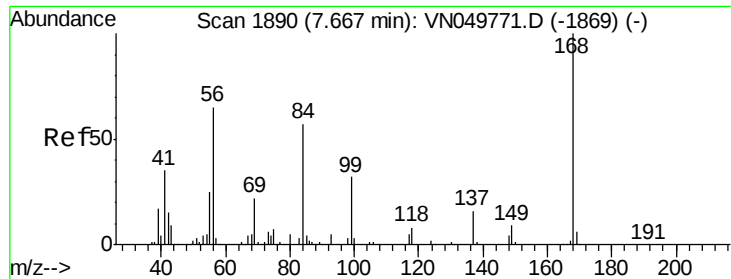
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration





#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 :

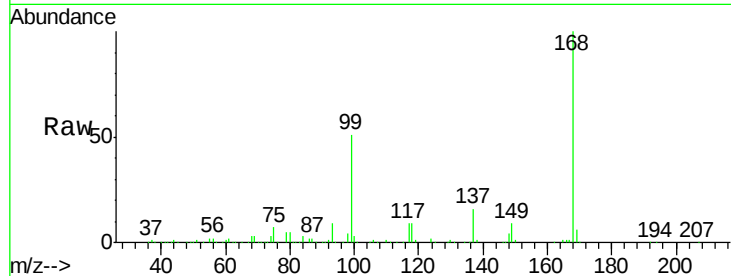
LS-SOIL-2

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): VN049771.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049771.D (-1869) (-)

7.67

600000

500000

400000

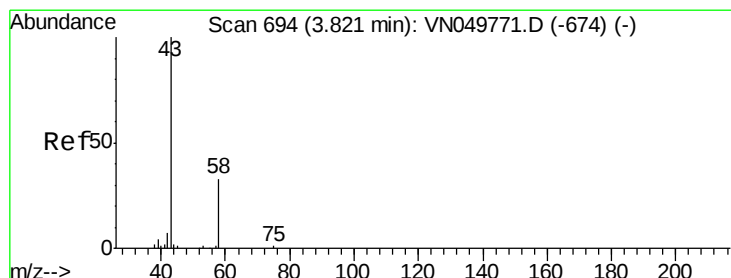
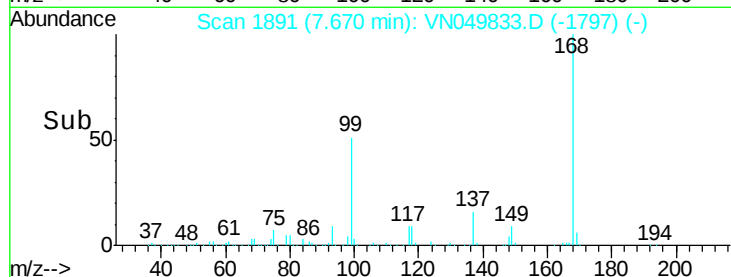
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.49 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049833.D

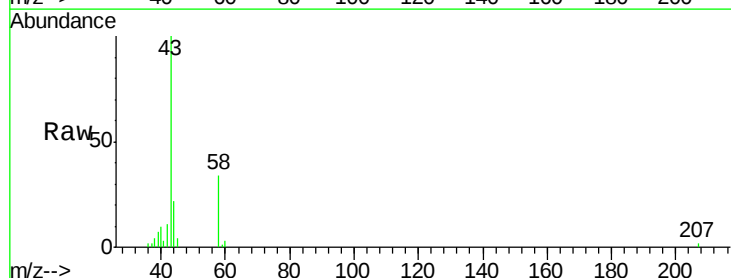
Acq: 14 Jul 2018 7:40

Tgt Ion: 43 Resp: 27097

Ion Ratio Lower Upper

43 100

58 33.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN049771.D (-674) (-)

3.82

12000

10000

8000

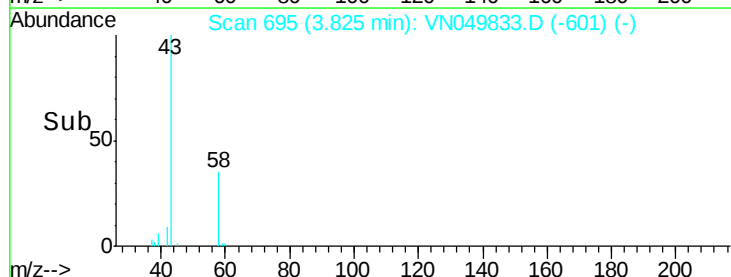
6000

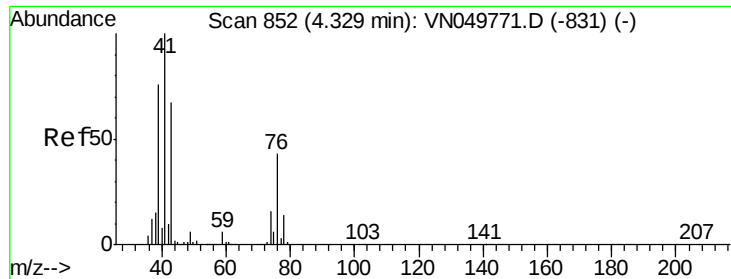
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

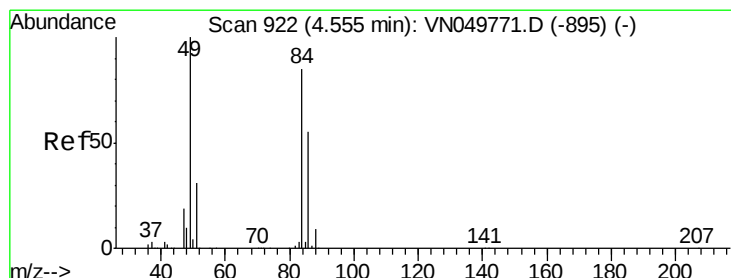
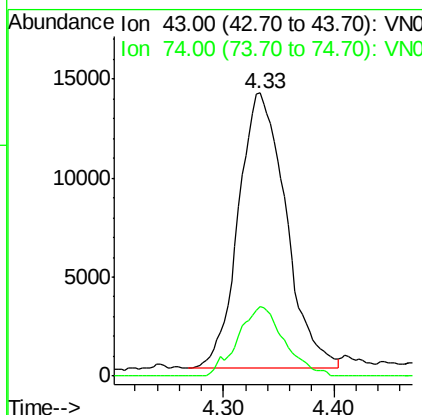
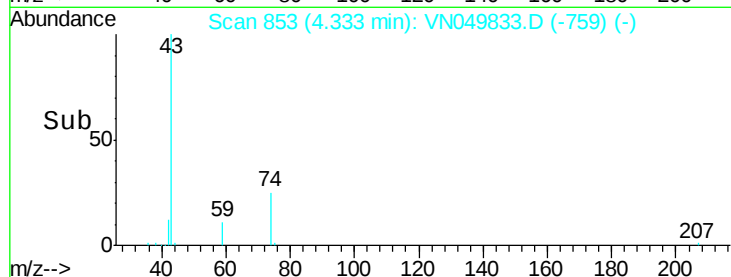
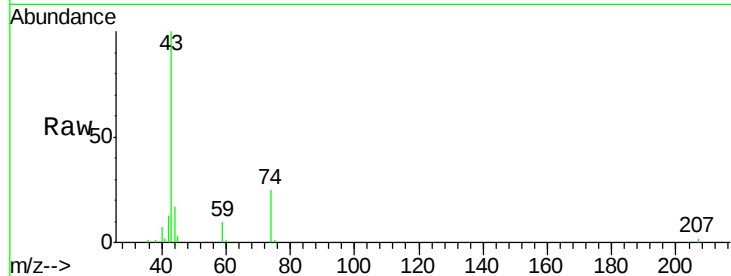




#18
Methvl Acetate
Concen: 2.68 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

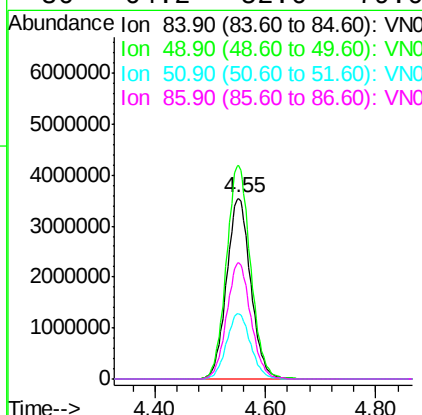
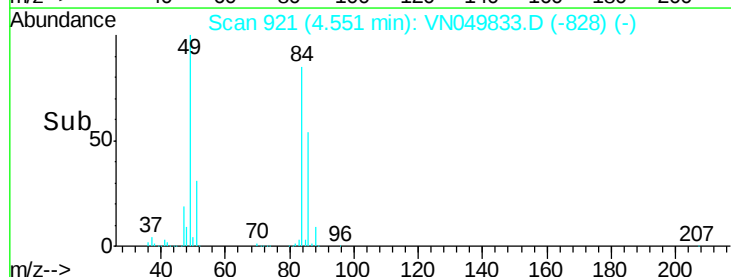
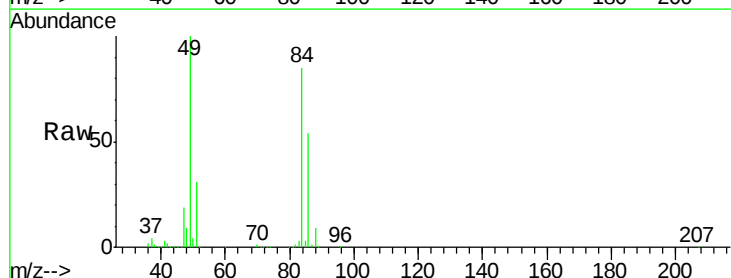
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-2

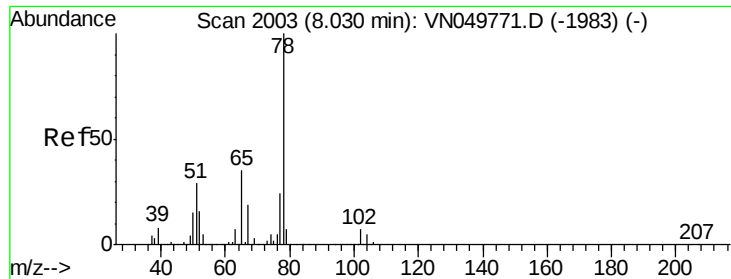
Tot Ion: 43 Resp: 41300
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8



#20
Methylene 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

Tgt 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

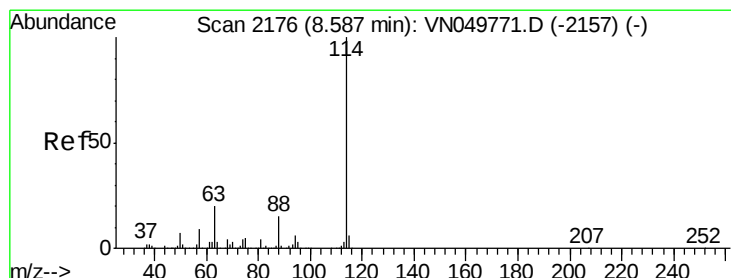
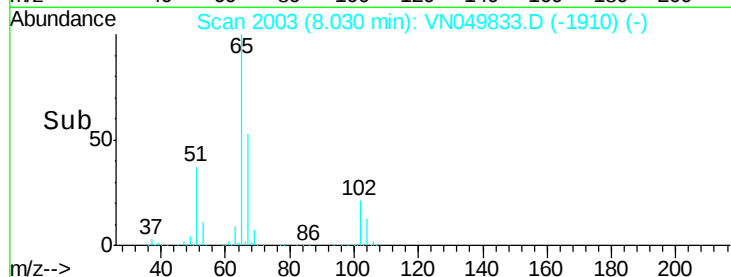
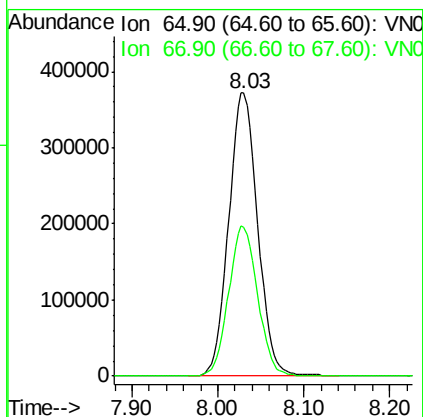
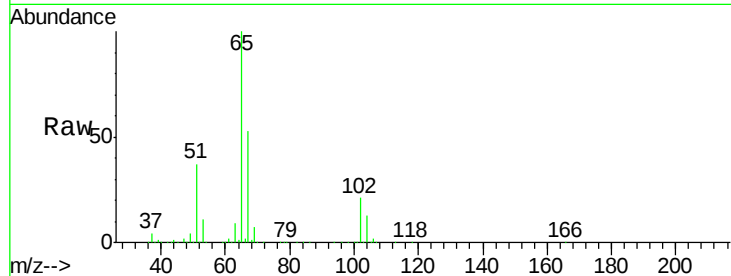




#33
 1,2-Dichloroethane-d4
 Concen: 59.42 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

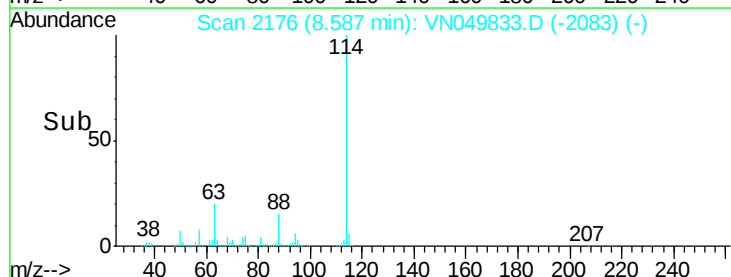
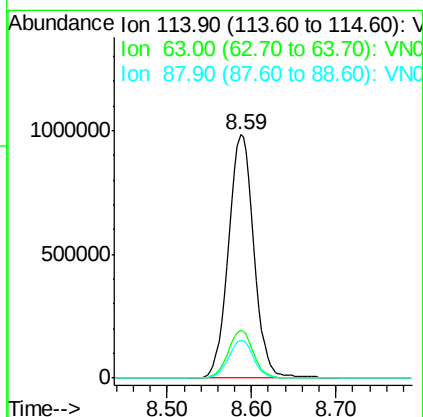
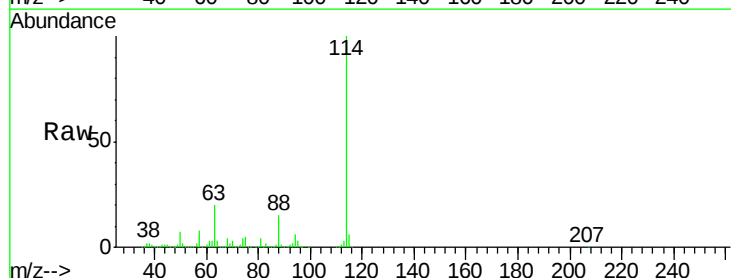
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-2

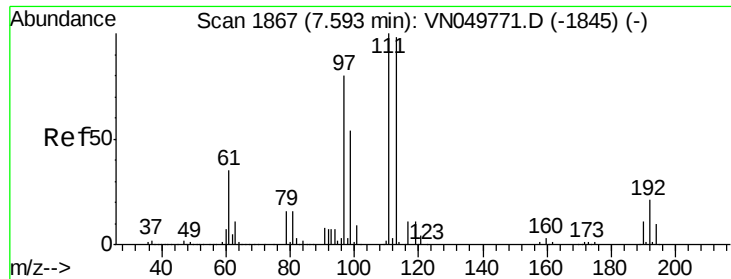
Tot Ion: 65 Resp: 870121
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#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

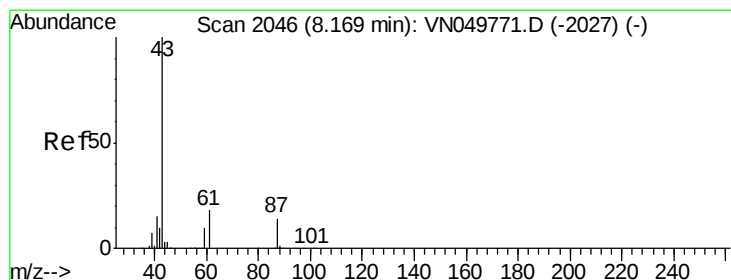
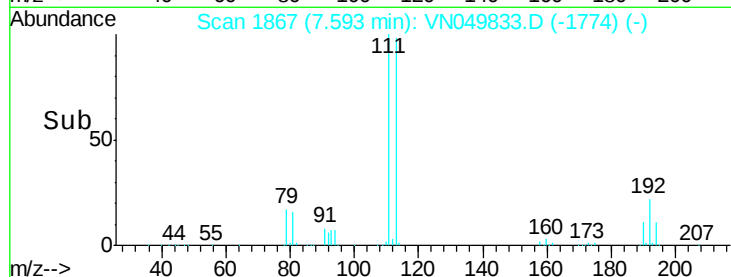
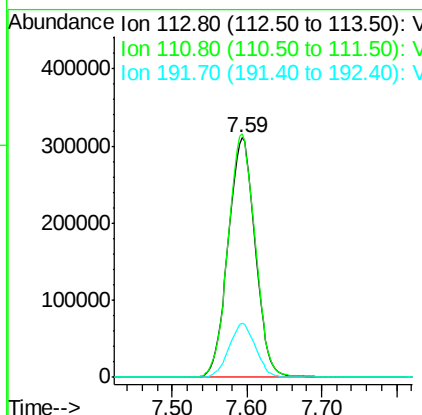
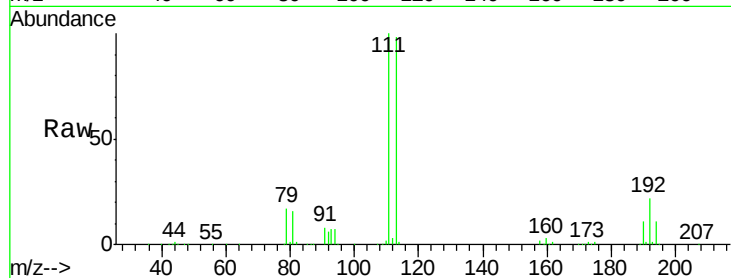




#35
 Dibromofluoromethane
 Concen: 50.47 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

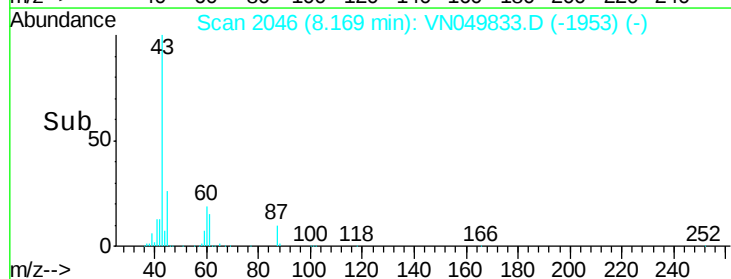
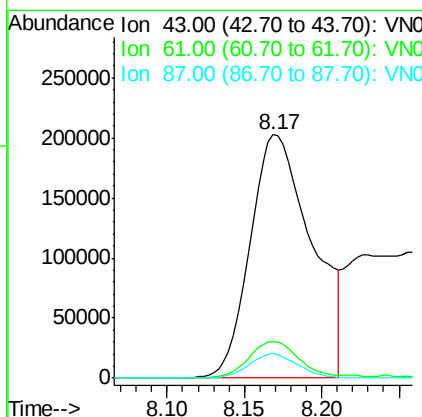
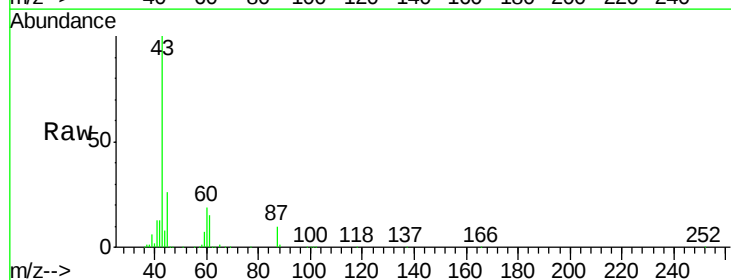
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-2

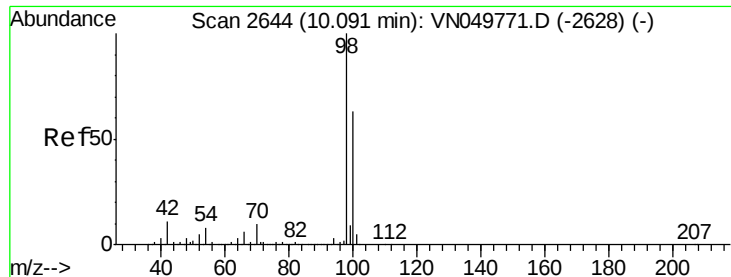
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.8
192	21.9	17.8	26.6



#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	Ratio	Lower	Upper
43	100		
61	12.7	14.9	22.3#
87	7.9	10.0	15.0#





#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

Instrument :

MSVOA_N

ClientSampled :

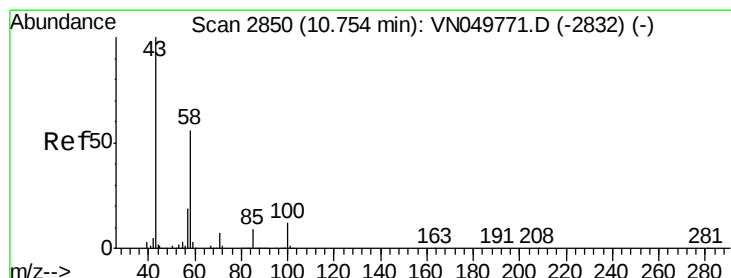
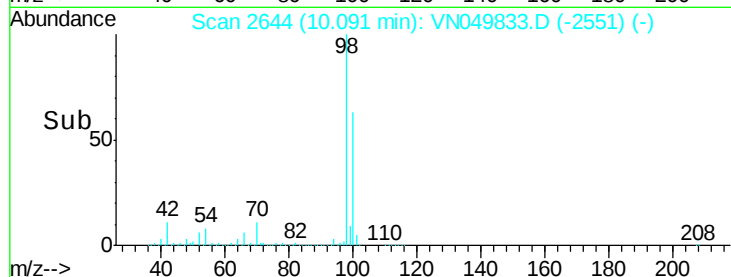
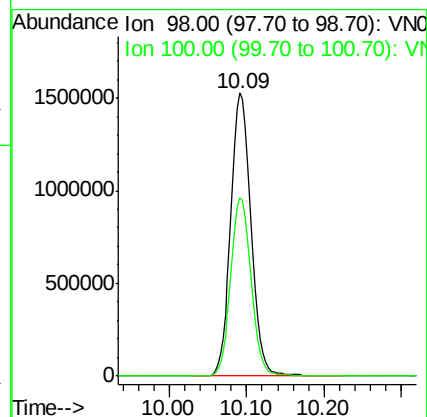
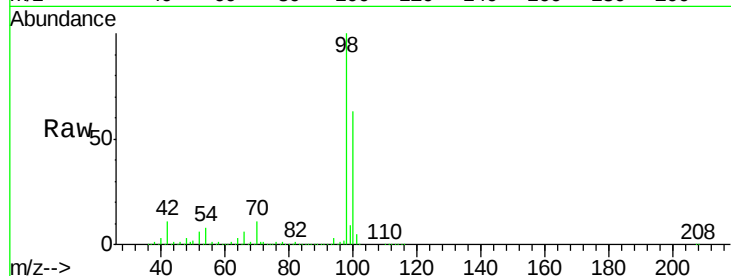
LS-SOIL-2

Tot Ion: 98 Resp: 2766356

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#59

2-Hexanone

Concen: 3.59 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN049833.D

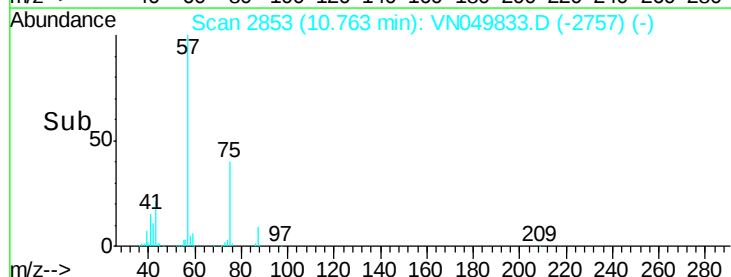
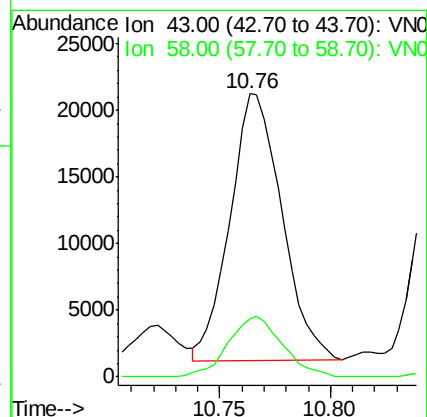
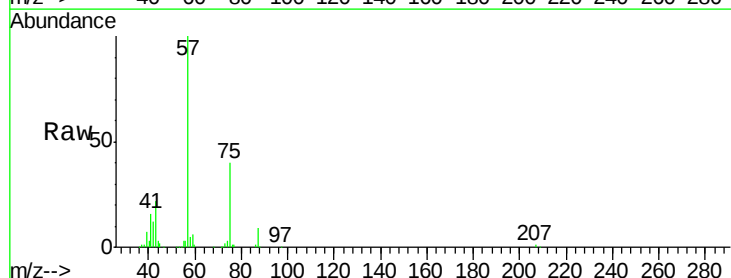
Acq: 14 Jul 2018 7:40

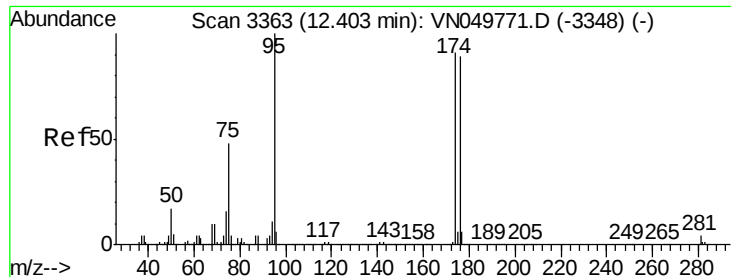
Tgt Ion: 43 Resp: 32733

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

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-2

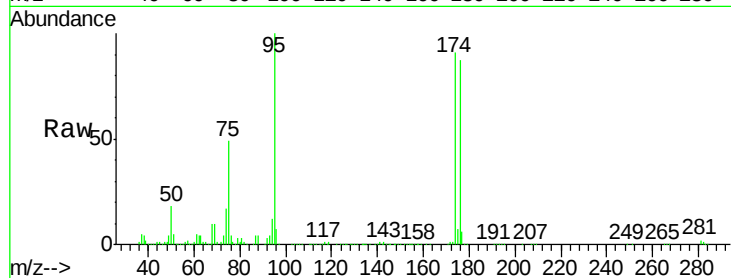
Tot Ion: 95 Resp: 821693

Ion Ratio Lower Upper

95 100

174 91.3 0.0 179.6

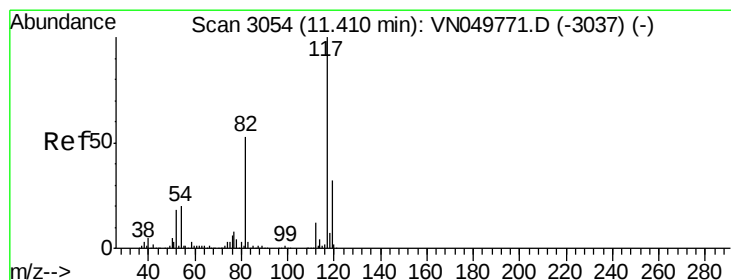
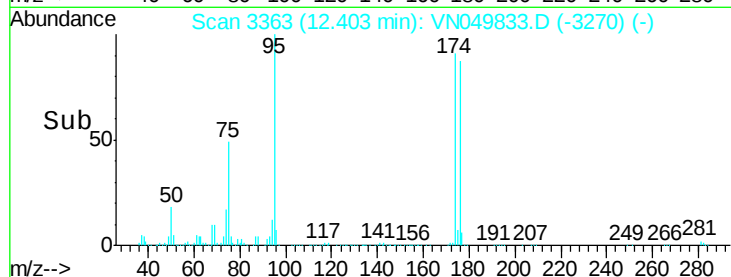
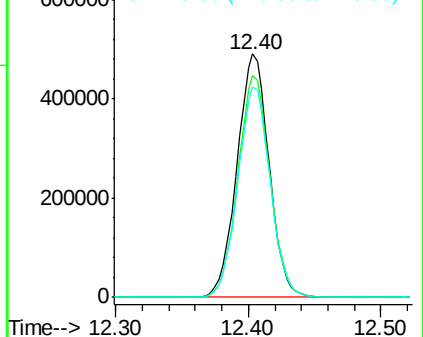
176 87.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#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

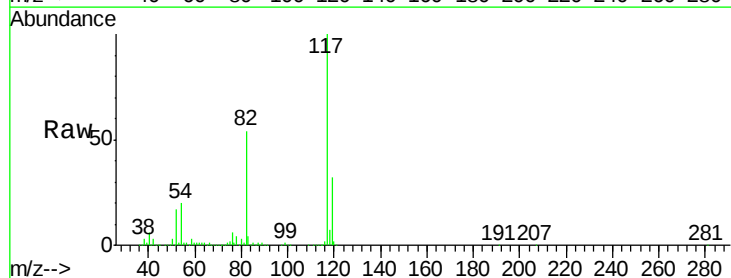
Tgt Ion: 117 Resp: 1756973

Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

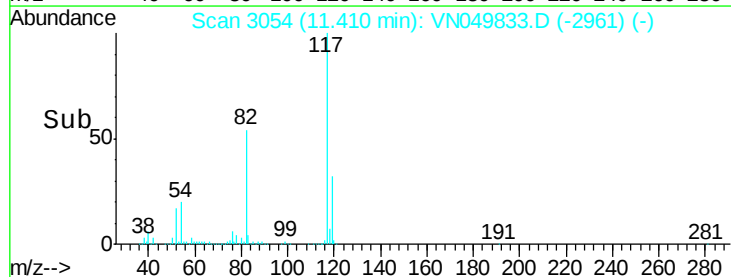
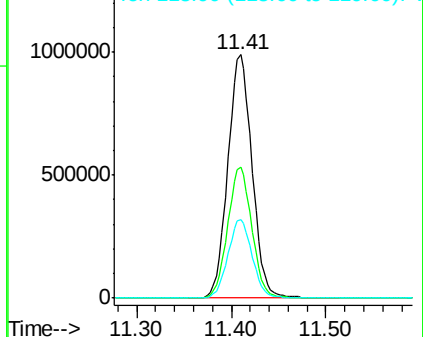
119 32.4 25.4 38.2

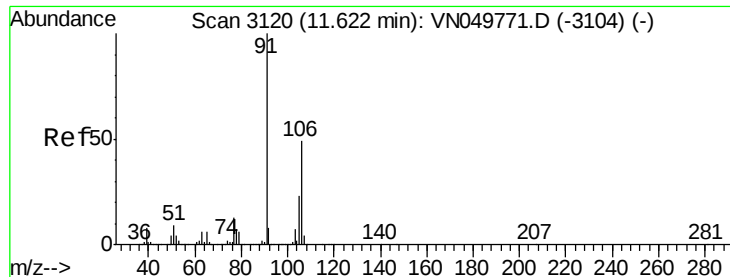


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

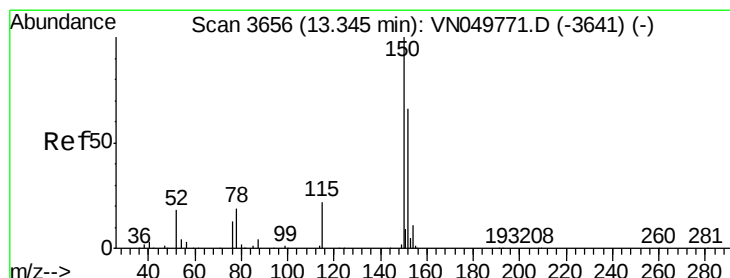
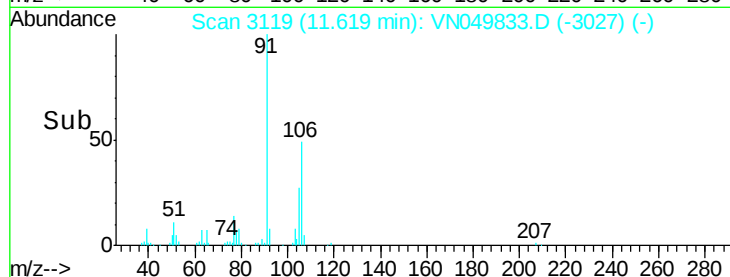
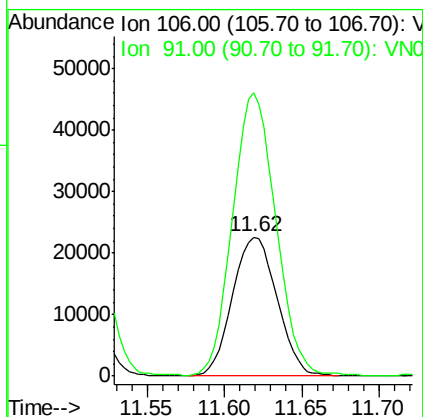
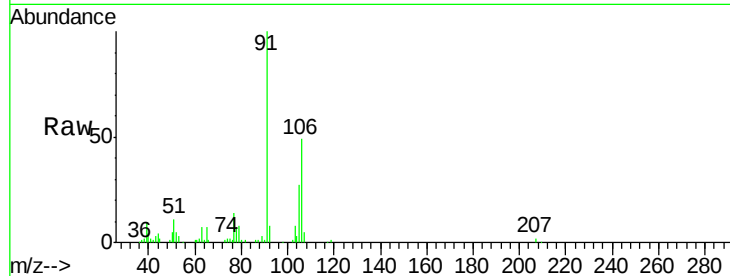




#68
m/p-Xvlenes
Concen: 1.61 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

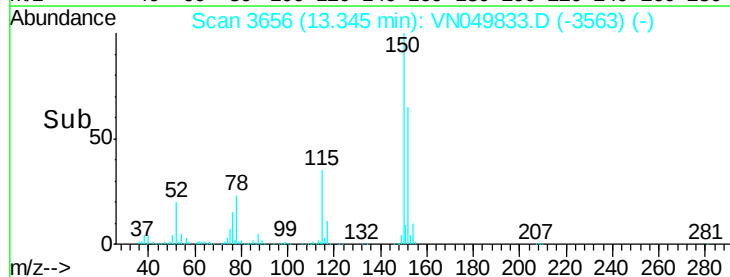
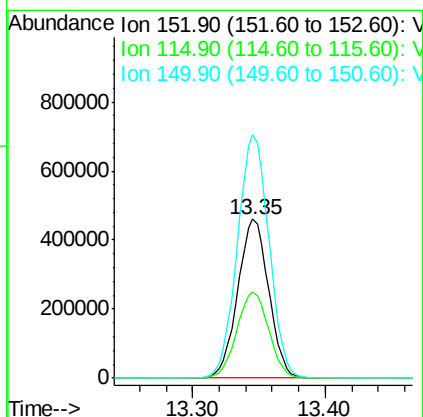
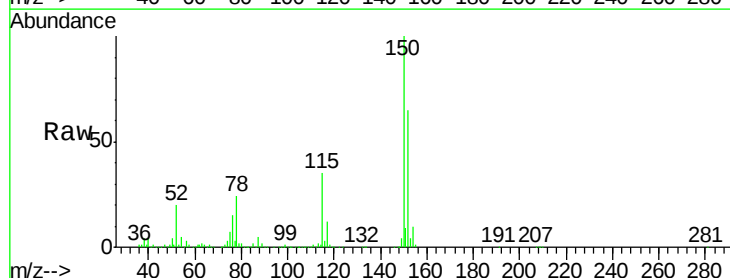
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-2

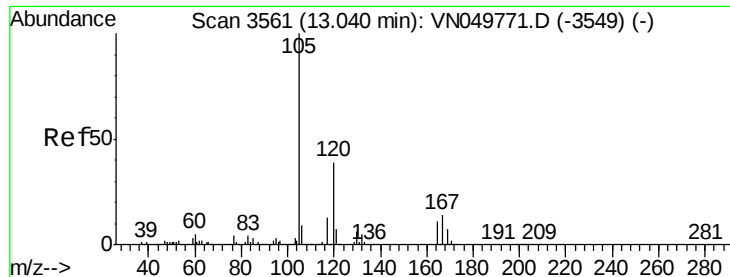
Tot Ion:106 Resp: 45404
Ion Ratio Lower Upper
106 100
91 197.2 163.4 245.2



#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

Tgt Ion:152 Resp: 745867
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 156.3 0.0 347.6

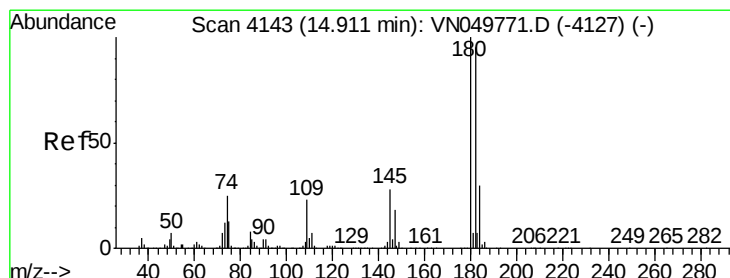
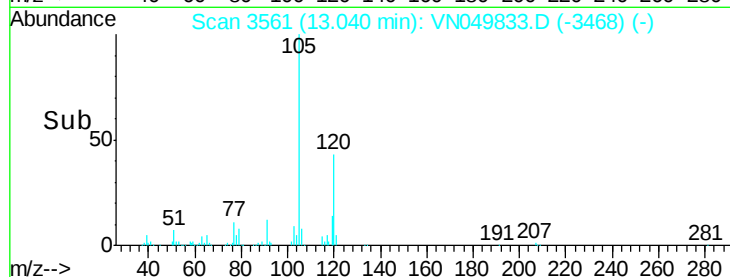
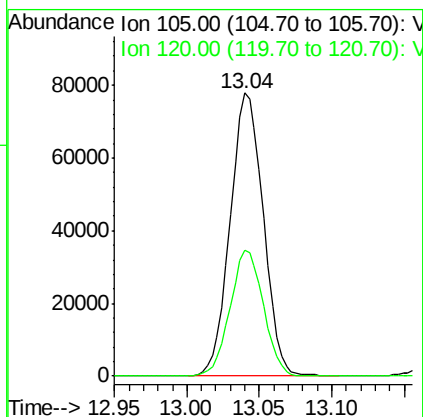
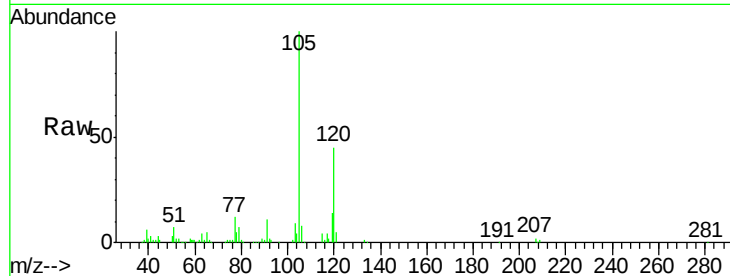




#84
 1,2,4-Trimethylbenzene
 Concen: 2.50 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049833.D
 Acq: 14 Jul 2018 7:40

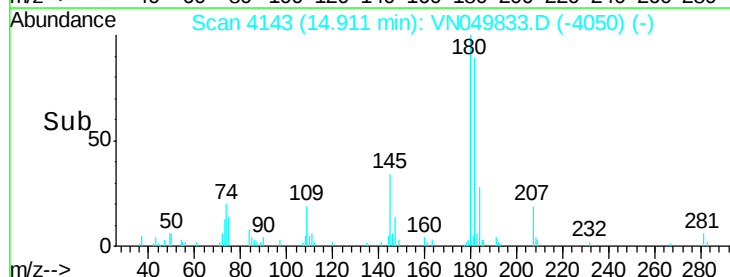
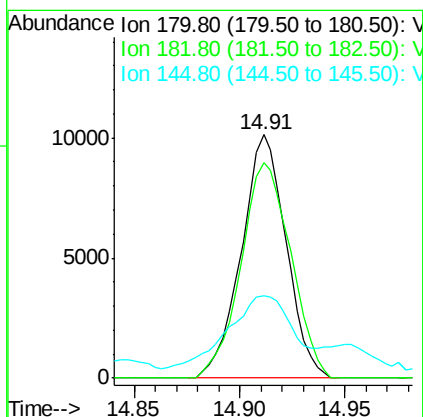
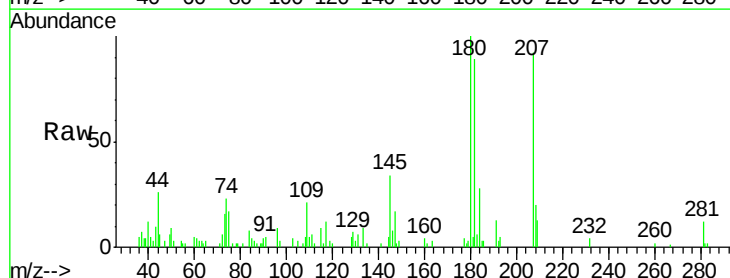
Instrument :
 MSVOA_N
 ClientSampled :
 LS-SOIL-2

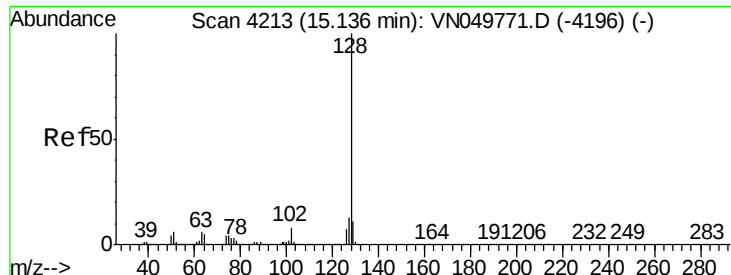
Tot Ion:105 Resp: 123467
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.1



#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#

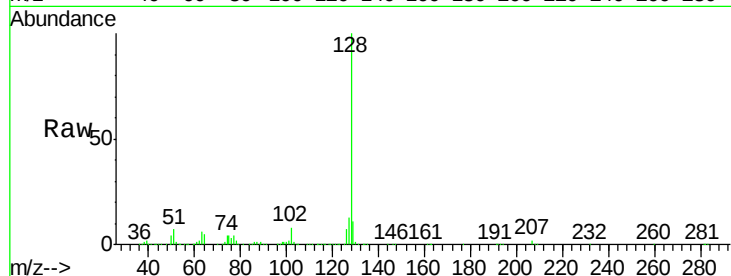




#95
Naphthalene
Concen: 30.75 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049833.D
Acq: 14 Jul 2018 7:40

Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-2

Tot Ion	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

