

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050152.D
 Acq On : 28 Jul 2018 00:32
 Operator : MD\SY
 Sample : J4152-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LA-SOIL-2

Quant Time: Jul 28 01:16:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348245	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	452410	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
35) Dibromofluoromethane	7.60	113	399420	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	10.09	98	1429619	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	406413	38.98	ug/l	0.00
Spiked Amount			Recovery	=	77.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	293	Below Cal	#	28
11) Tert butyl alcohol	4.82	59	233	0.36	ug/l	72
16) Acetone	3.82	43	43288	16.86	ug/l	99
18) Methyl Acetate	4.34	43	35672	2.89	ug/l	98
20) Methylene Chloride	4.55	84	396104	50.85	ug/l	99
25) 2-Butanone	6.84	43	7612	2.27	ug/l	97
29) Tetrahydrofuran	7.22	42	1553	0.72	ug/l	# 67
30) Chloroform	7.38	83	7776	0.52	ug/l	89
31) Cyclohexane	7.67	56	12892	1.00	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	44121	3.71	ug/l	# 48
37) Ethyl Acetate	6.84	43	7612	0.92	ug/l	# 71
38) Carbon Tetrachloride	7.67	117	56874	4.51	ug/l	# 17
41) Methacrylonitrile	7.21	41	358	2.83	ug/l	# 10
43) Isopropyl Acetate	8.18	43	422874	26.55	ug/l	# 85
47) Bromodichloromethane	9.41	83	2563	0.20	ug/l	# 95
48) Methyl methacrylate	9.18	41	9006	1.26	ug/l	# 23
51) 4-Methyl-2-Pentanone	9.99	43	3089	0.38	ug/l	98
56) Ethyl methacrylate	10.23	69	2517	2.24	ug/l	# 46
59) 2-Hexanone	10.77	43	19427	8.35	ug/l	# 58
68) m/p-Xylenes	11.63	106	2868	0.21	ug/l	86
70) Styrene	11.96	104	514	0.94	ug/l	# 59
71) Bromoform	12.40	173	2087	0.33	ug/l	# 1
73) Isopropylbenzene	12.25	105	6947	0.26	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.41	83	214	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	199739	30.86	ug/l	# 100
78) n-propylbenzene	12.59	91	6315	0.21	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	4503	0.21	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	199739	97.89	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	12743	0.60	ug/l	96
90) Hexachloroethane	13.89	117	1776	0.38	ug/l	# 4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	97	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	160	3.11	ug/l	# 1
95) Naphthalene	15.14	128	123800	11.51	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

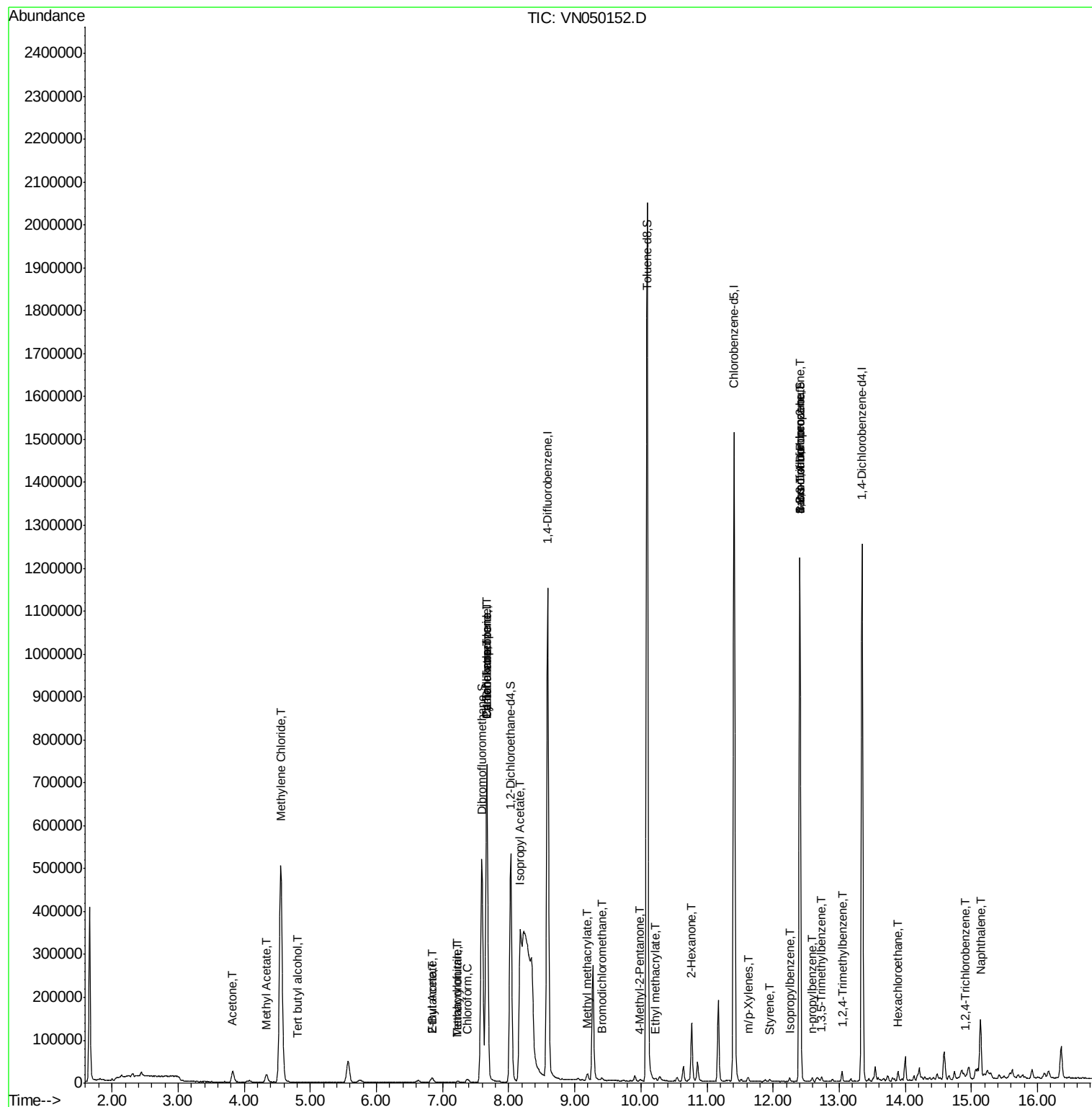
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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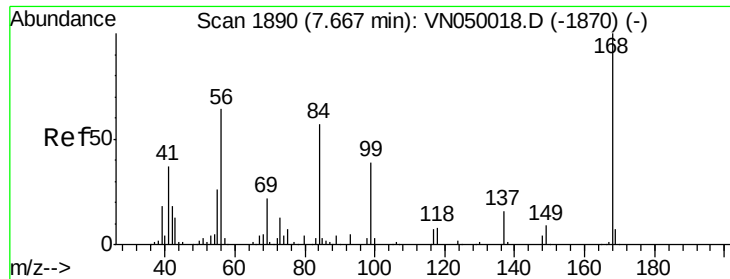
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050152.D
Acq On : 28 Jul 2018 00:32
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

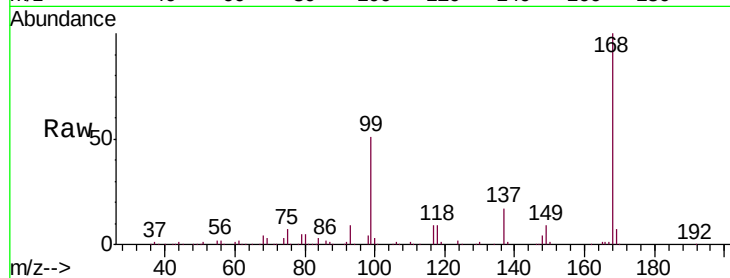
LA-SOIL-2

Tot Ion:168 Resp: 629952

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

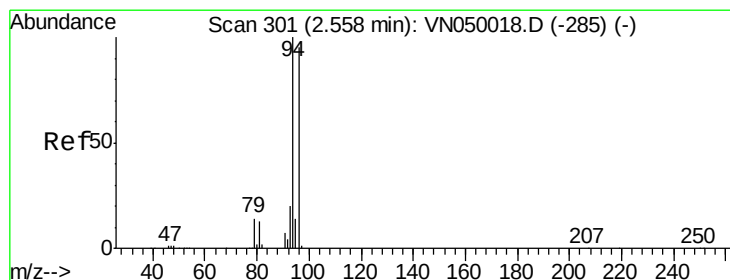
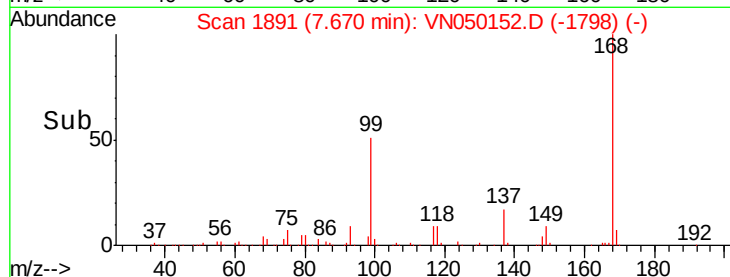
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050152.D

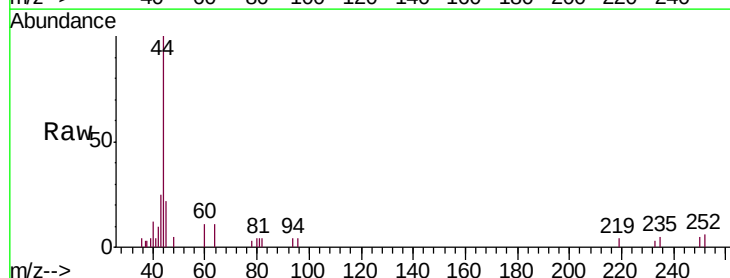
Acq: 28 Jul 2018 00:32

Tgt Ion: 94 Resp: 293

Ion Ratio Lower Upper

94 100

96 24.5 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

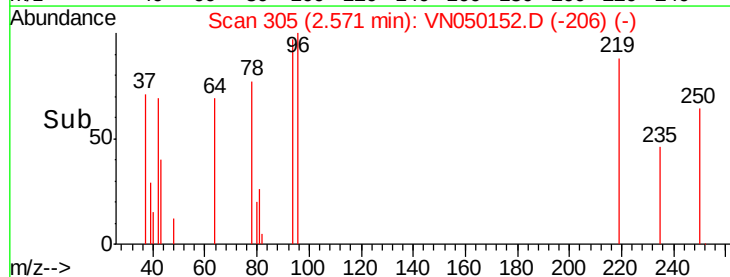
300

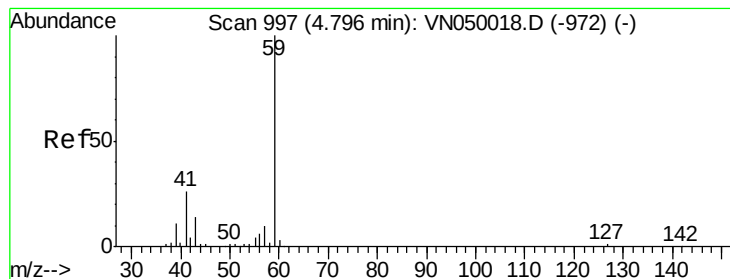
200

100

0

Time-->



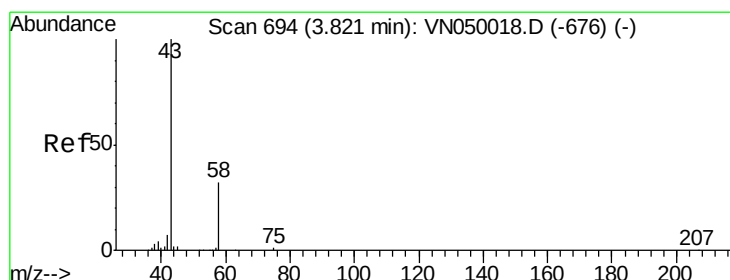
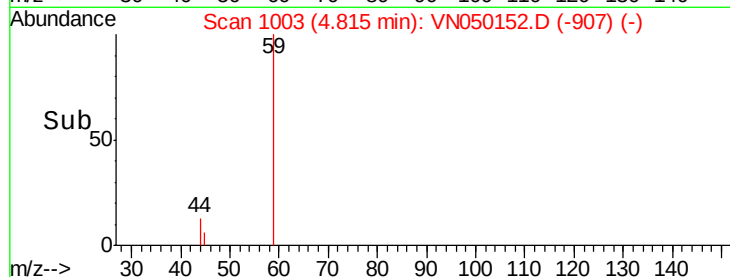
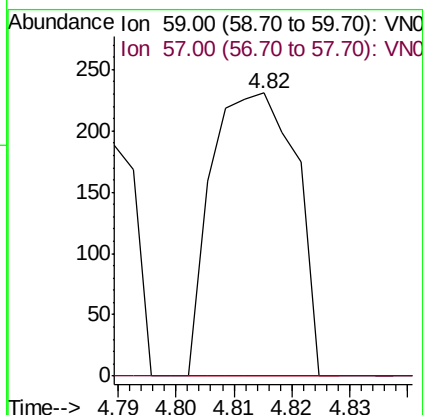
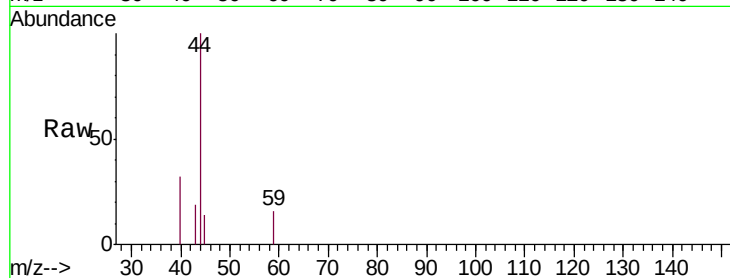


#11

Tert butyl alcohol
 Concen: 0.36 ug/l
 RT: 4.82 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

Instrument :
 MSVOA_N
 ClientSampled :
 LA-SOIL-2

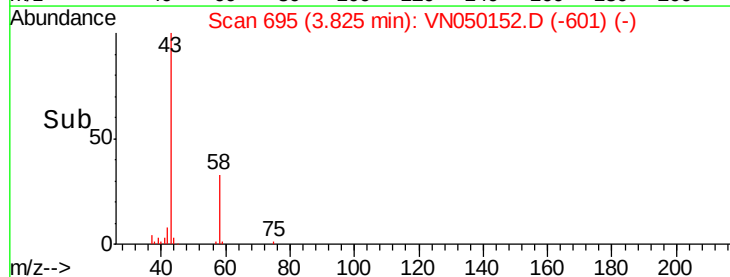
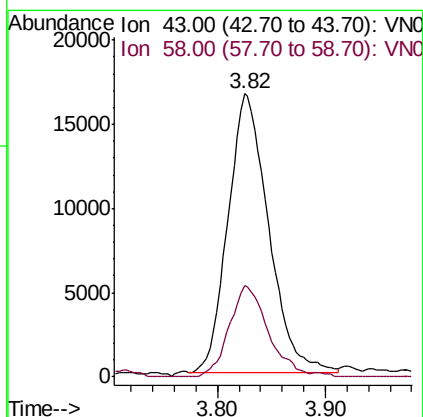
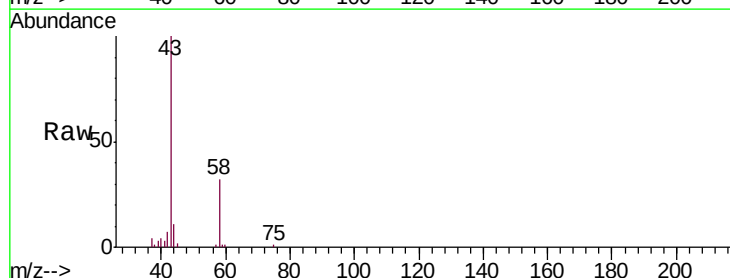
Tot Ion: 59 Resp: 233
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

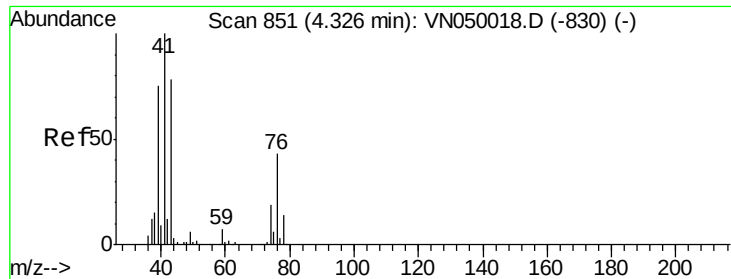


#16

Acetone
 Concen: 16.86 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

Tgt Ion: 43 Resp: 43288
 Ion Ratio Lower Upper
 43 100
 58 33.0 25.8 38.8

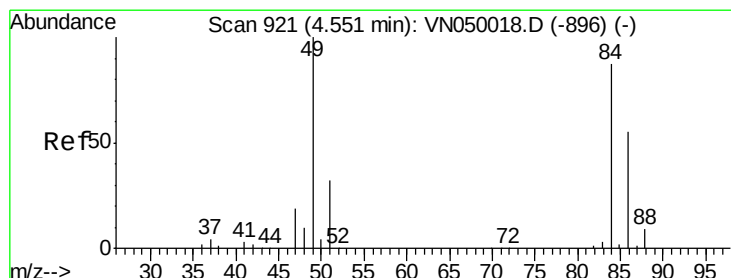
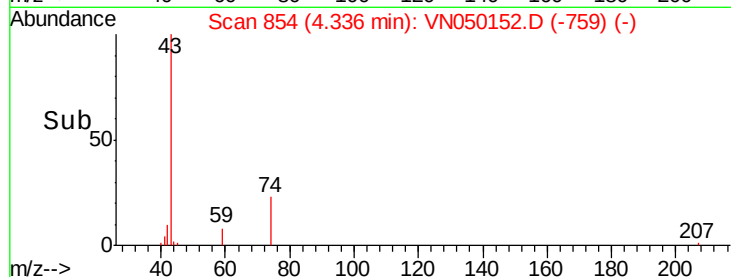
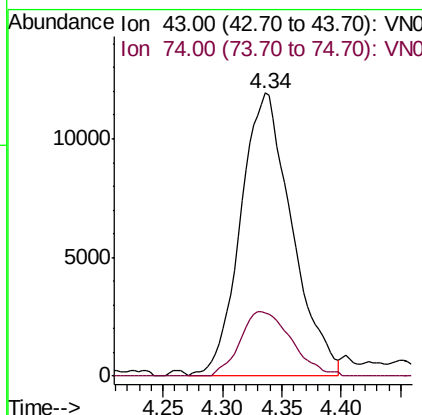
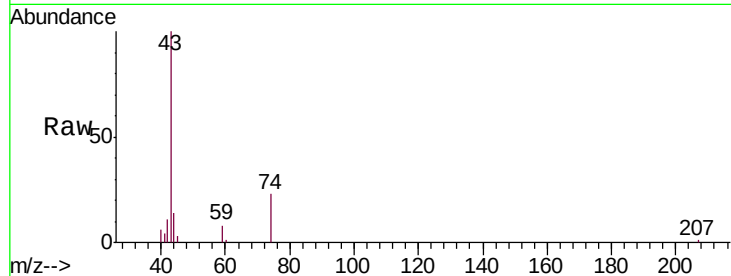




#18
Methyl Acetate
Concen: 2.89 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

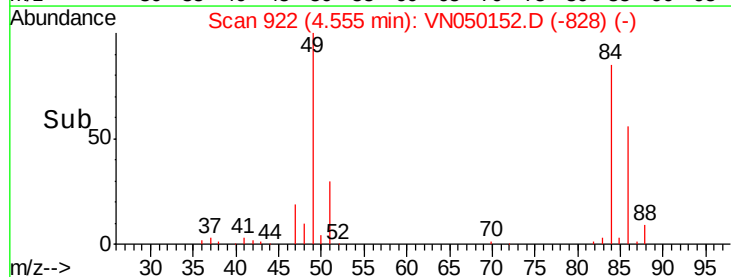
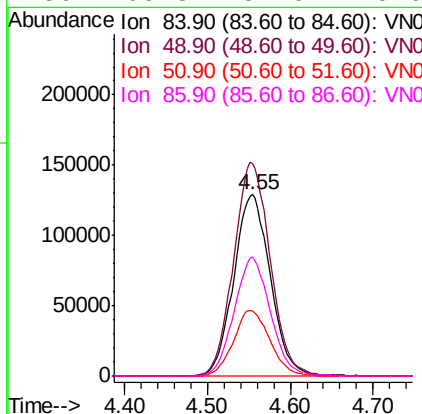
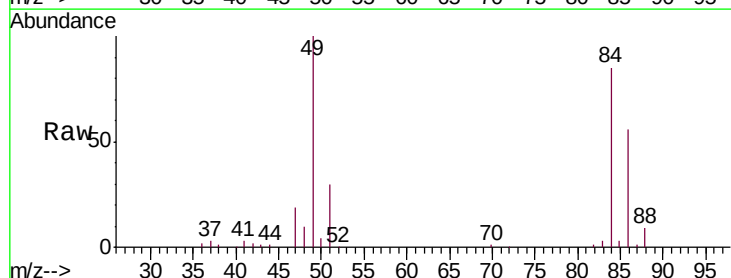
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-2

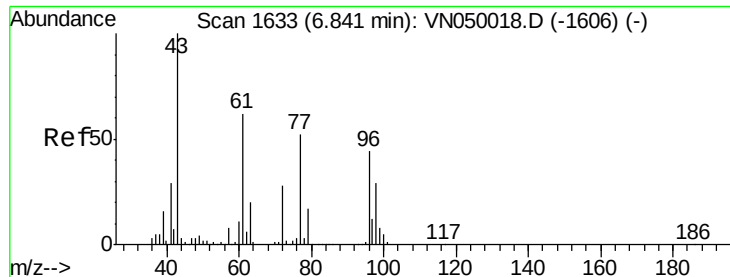
Tot Ion: 43 Resp: 35672
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8



#20
Methylene Chloride
Concen: 50.85 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 84 Resp: 396104
Ion Ratio Lower Upper
84 100
49 117.4 94.8 142.2
51 35.7 28.3 42.5
86 65.3 51.0 76.6

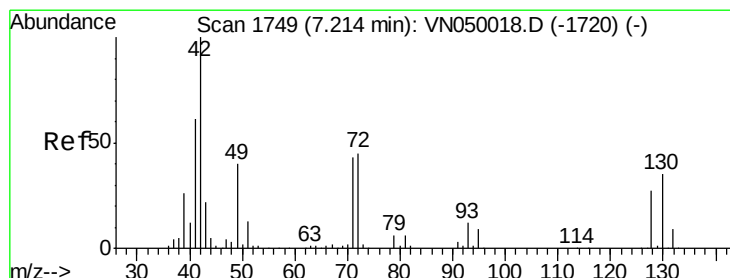
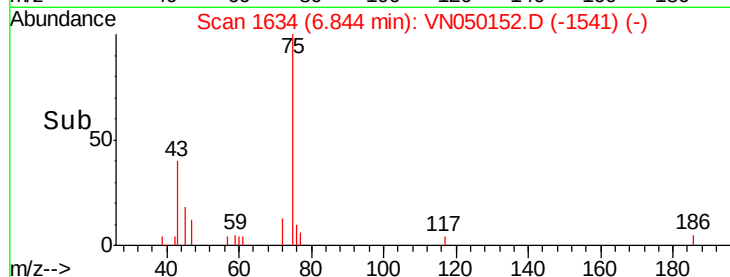
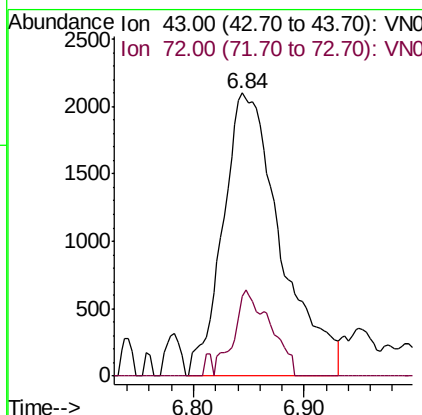
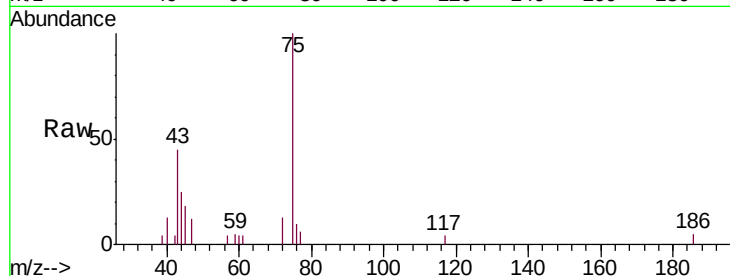




#25
2-Butanone
Concen: 2.27 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

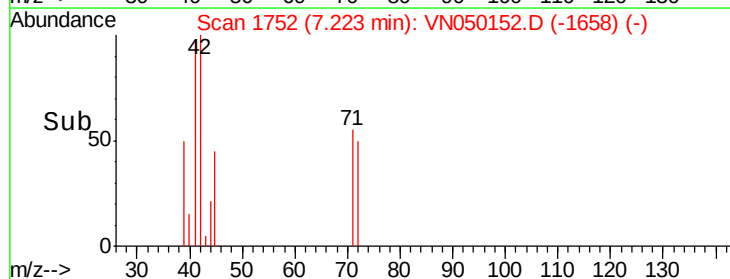
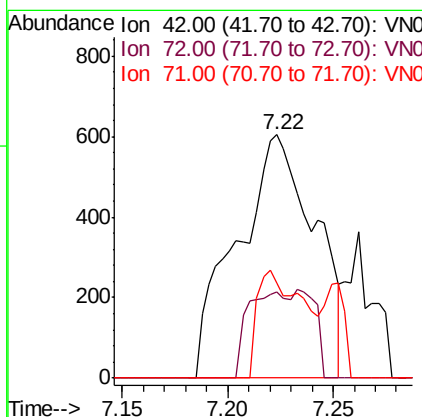
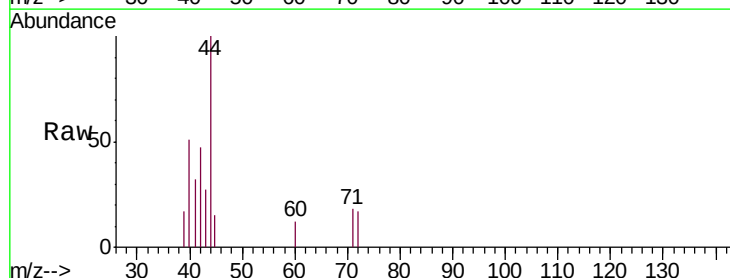
Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-2

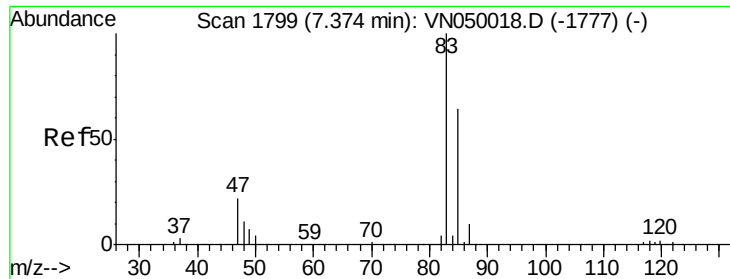
Tot Ion: 43 Resp: 7612
Ion Ratio Lower Upper
43 100
72 28.3 21.5 32.3



#29
Tetrahydrofuran
Concen: 0.72 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 42 Resp: 1553
Ion Ratio Lower Upper
42 100
72 19.3 35.9 53.9#
71 26.0 33.7 50.5#

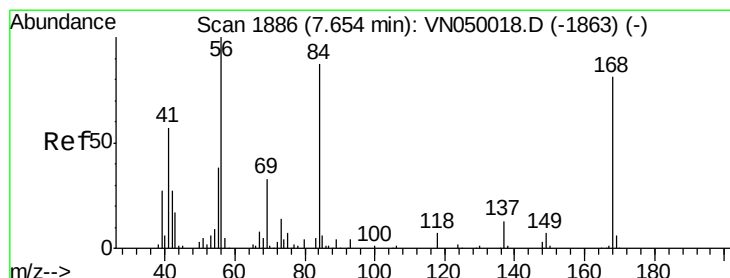
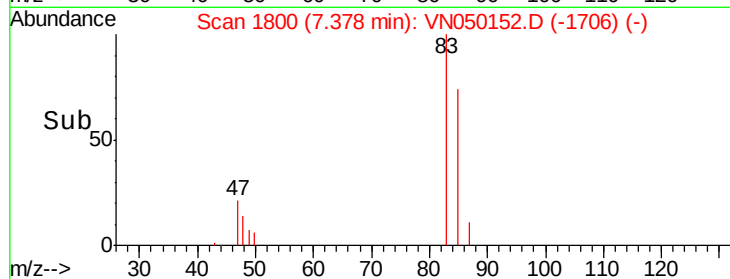
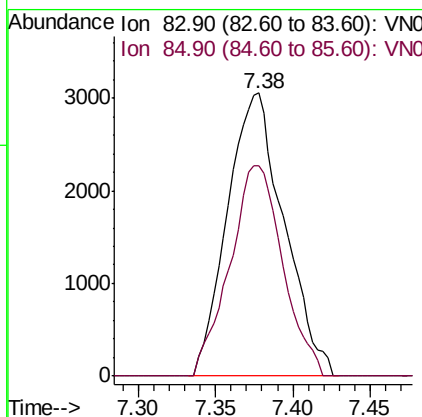
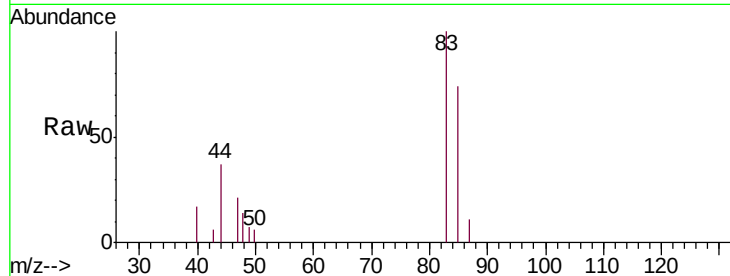




#30
Chloroform
Concen: 0.52 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

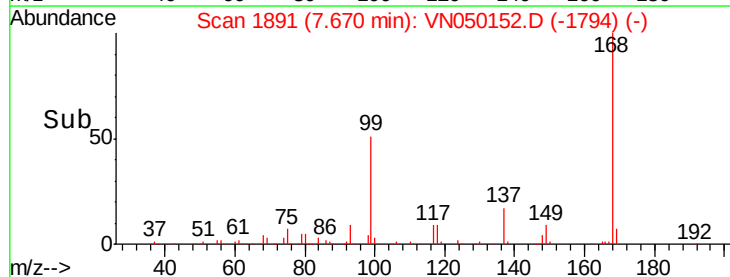
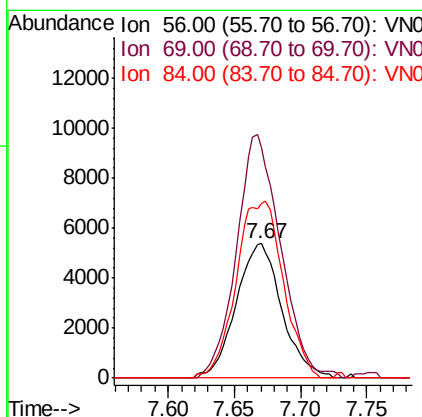
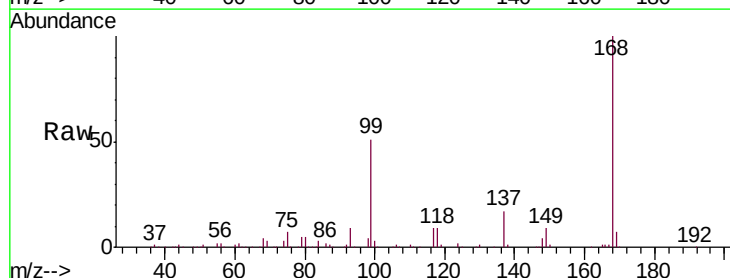
Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-2

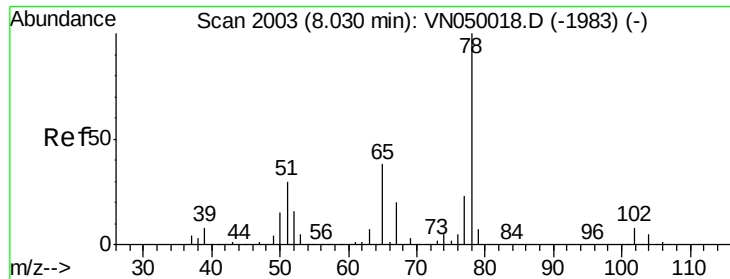
Tot Ion: 83 Resp: 7776
Ion Ratio Lower Upper
83 100
85 74.1 52.5 78.7



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 56 Resp: 12892
Ion Ratio Lower Upper
56 100
69 171.8 26.2 39.4#
84 129.4 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 51.47 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

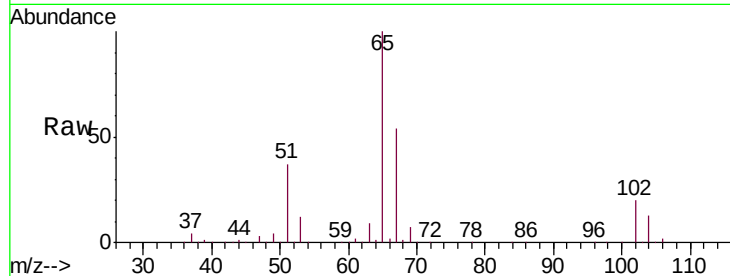
LA-SOIL-2

Tot Ion: 65 Resp: 452410

Ion Ratio Lower Upper

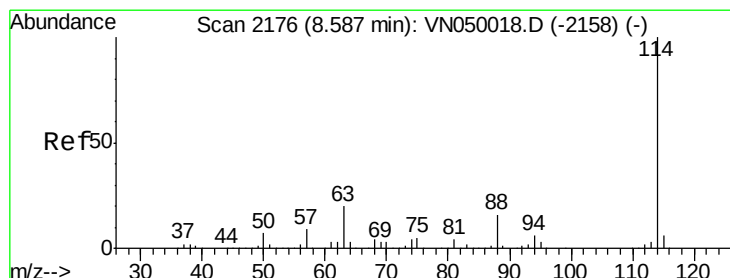
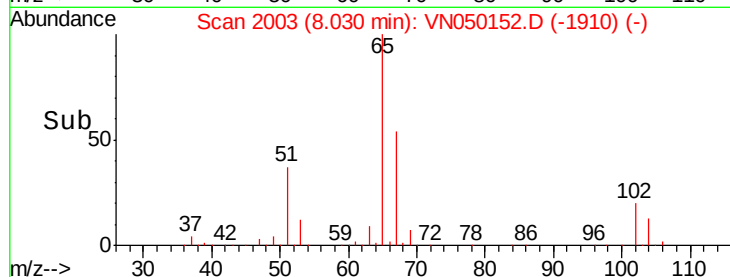
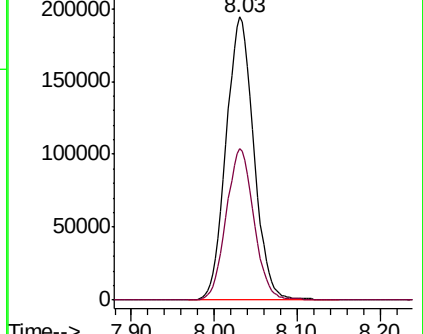
65 100

67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

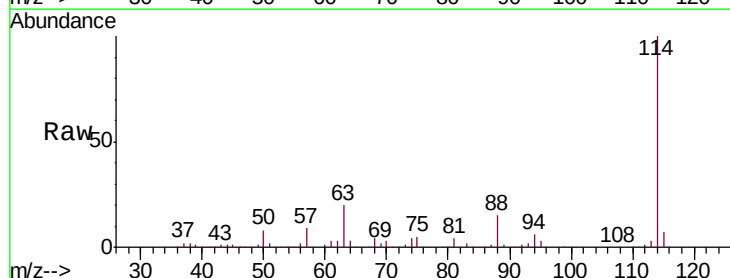
Tgt Ion: 114 Resp: 1054791

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

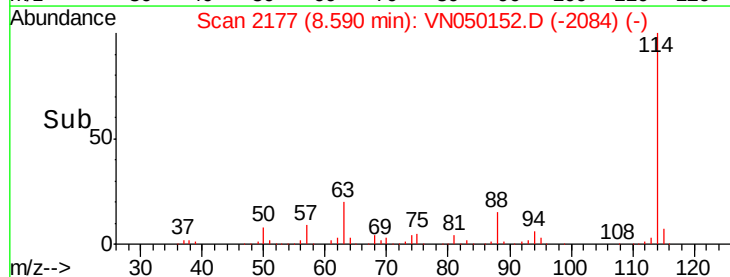
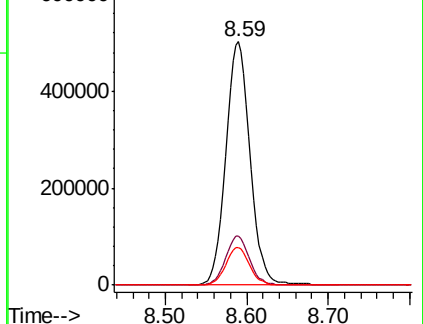
88 15.3 0.0 31.2

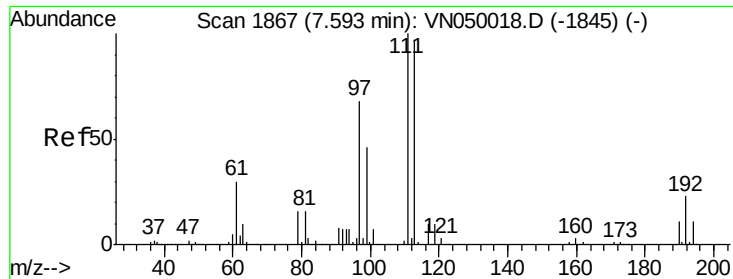


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

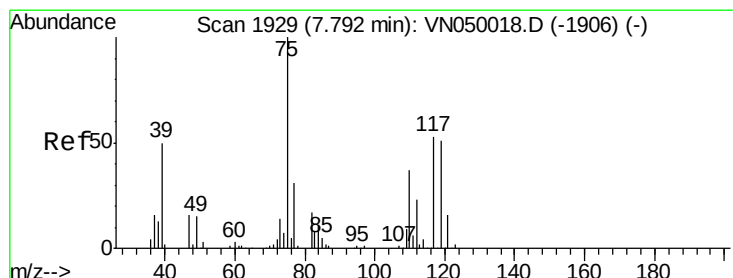
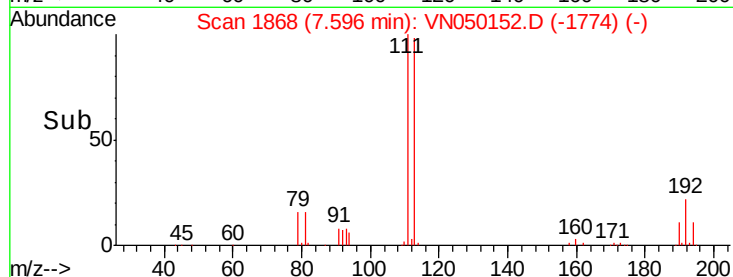
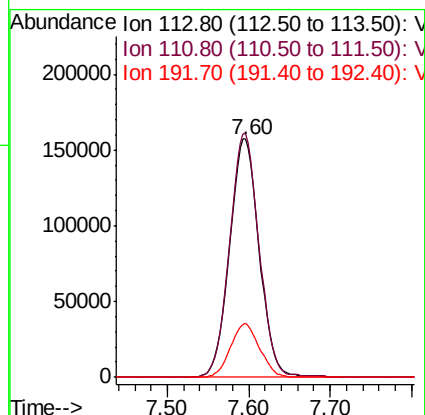
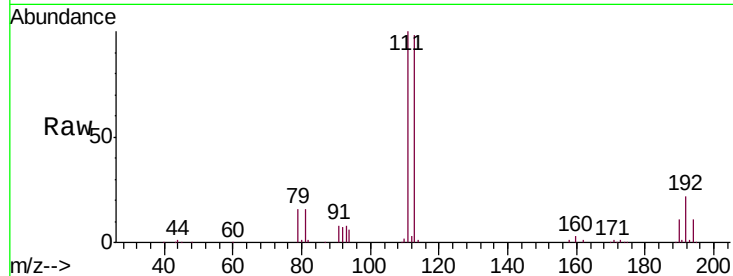




#35
 Dibromofluoromethane
 Concen: 46.38 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

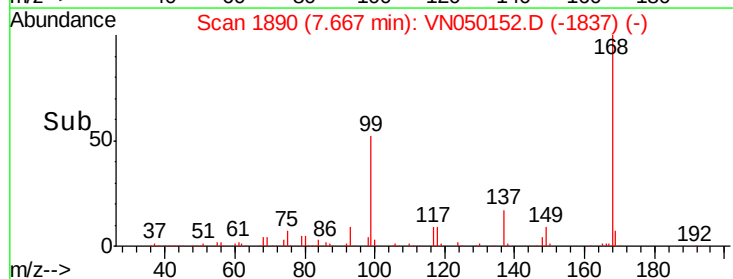
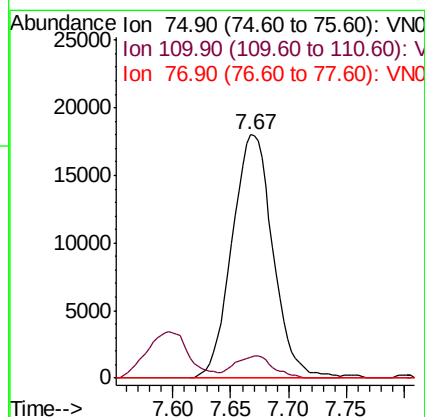
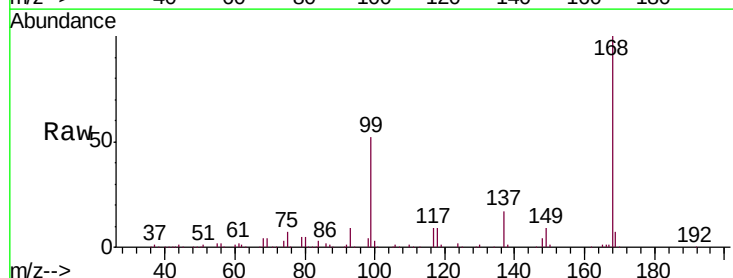
Instrument :
 MSVOA_N
 ClientSampleId :
 LA-SOIL-2

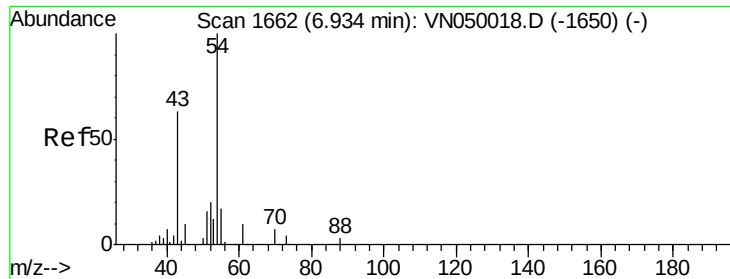
Tot Ion:113 Resp: 399420
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 22.2 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.71 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050152.D
 Acq: 28 Jul 2018 00:32

Tgt Ion: 75 Resp: 44121
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.2#
 77 0.0 25.3 37.9#

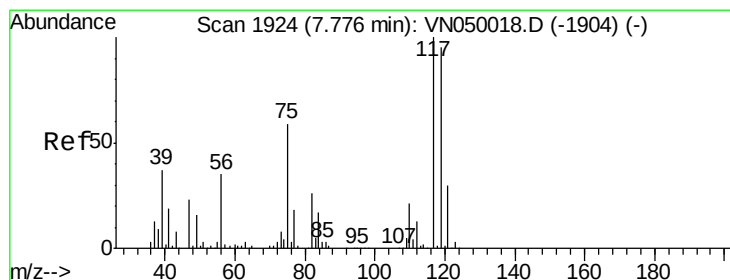
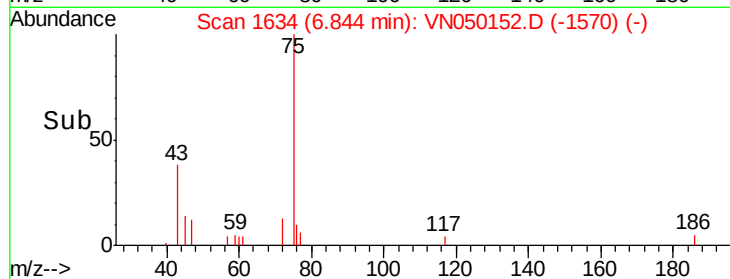
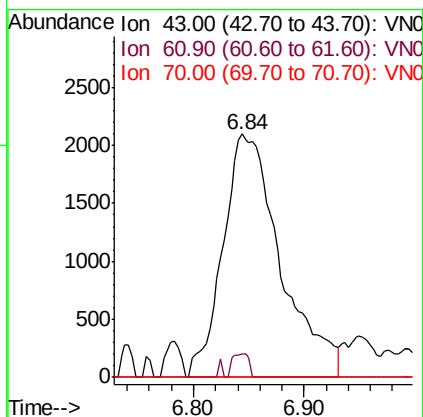
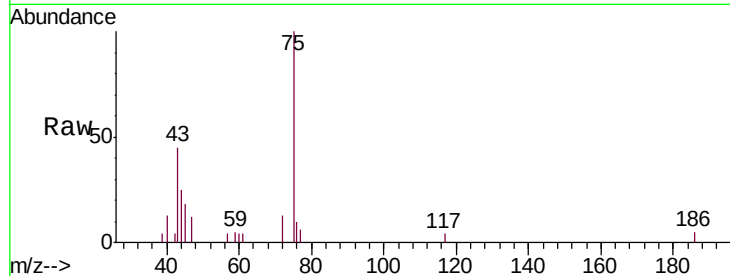




#37
Ethyl Acetate
Concen: 0.92 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

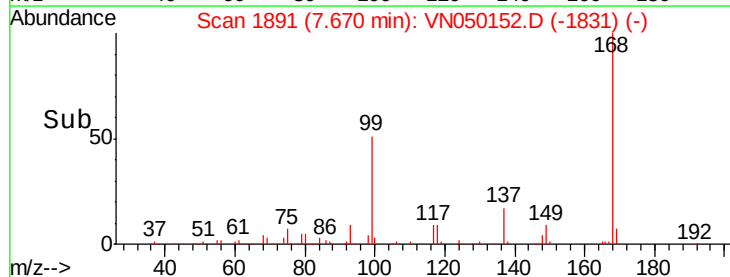
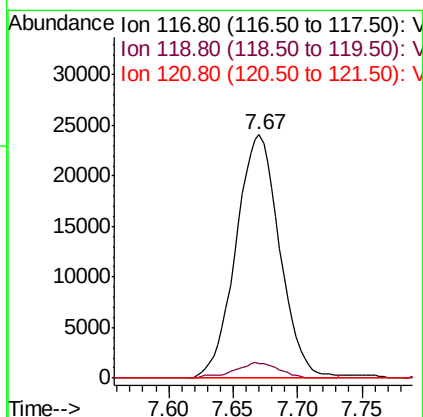
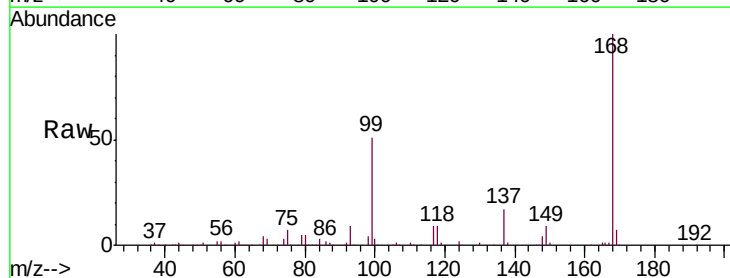
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-2

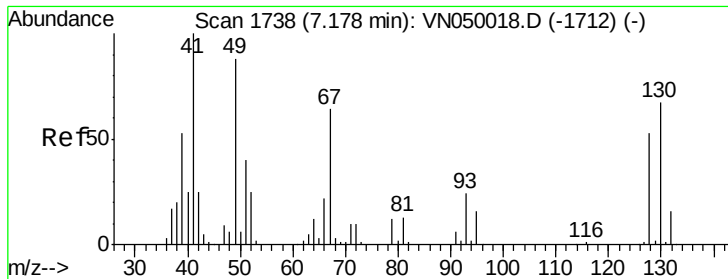
Tot Ion: 43 Resp: 7612
Ion Ratio Lower Upper
43 100
61 2.8 11.8 17.8#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 4.51 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 117 Resp: 56874
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.0#
121 0.0 23.9 35.9#

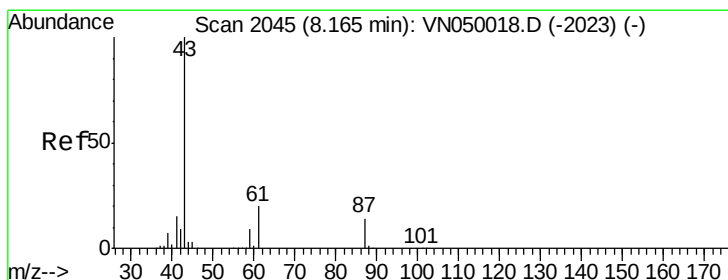
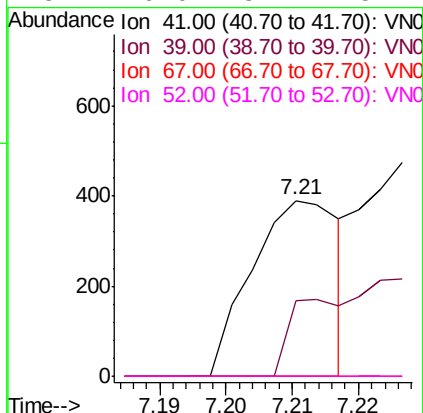
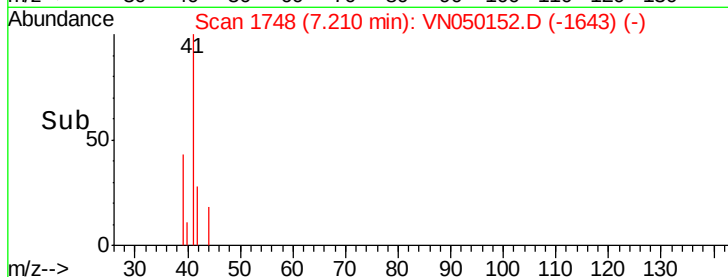
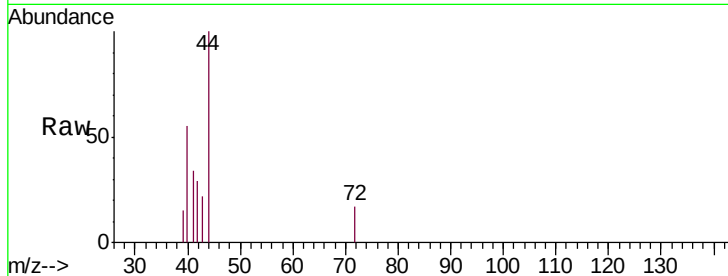




#41
Methacrylonitrile
Concen: 2.83 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

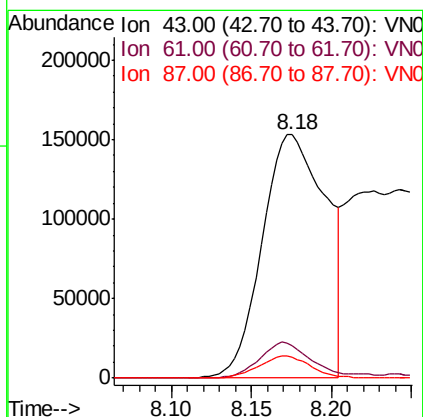
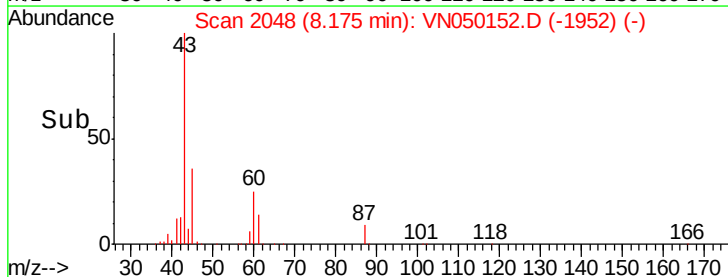
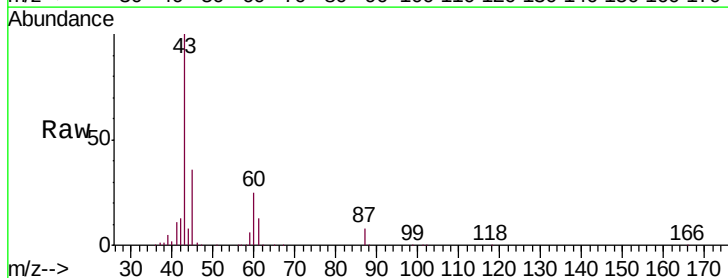
Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-2

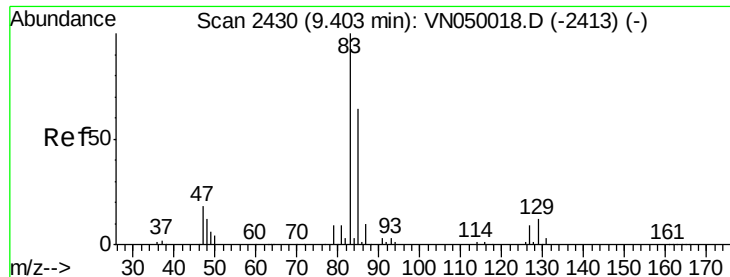
Tot Ion: 41 Resp: 358
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 26.55 ug/l
RT: 8.18 min Scan# 2048
Delta R.T. 0.01 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 43 Resp: 422874
Ion Ratio Lower Upper
43 100
61 12.5 15.8 23.6#
87 7.4 10.3 15.5#





#47

Bromodichloromethane

Concen: 0.20 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

LA-SOIL-2

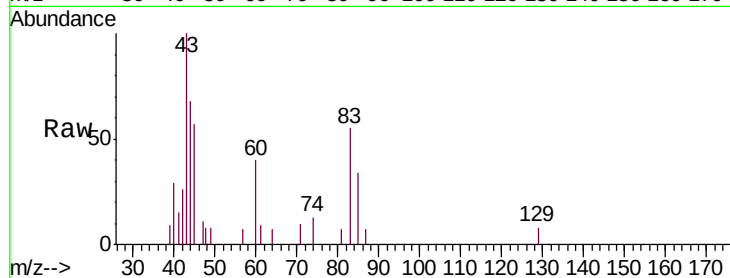
Tot Ion: 83 Resp: 2563

Ion Ratio Lower Upper

83 100

85 61.7 51.1 76.7

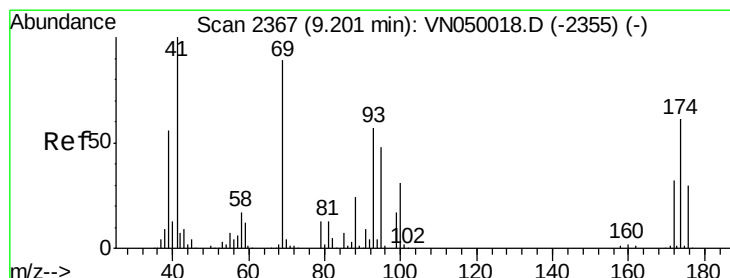
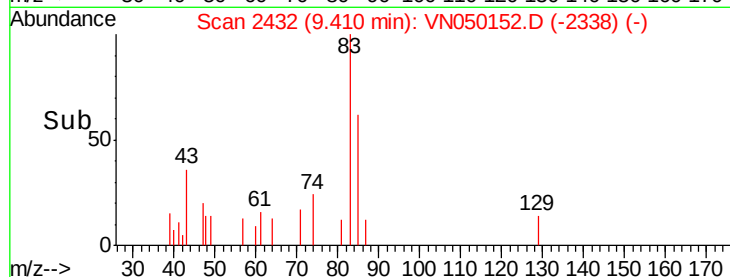
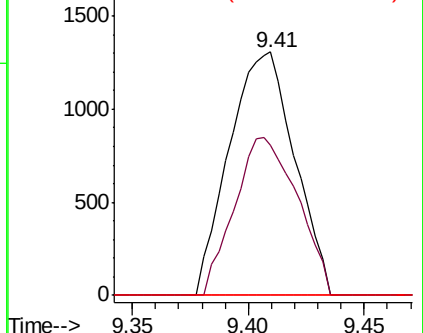
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 1.26 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

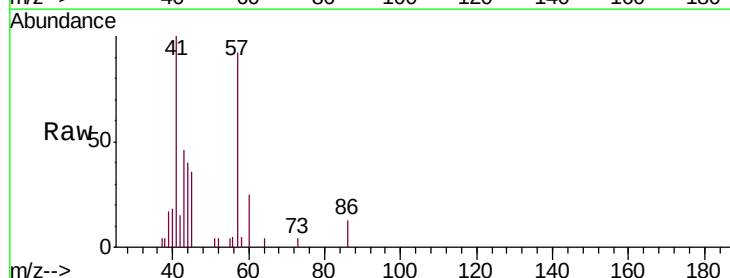
Tgt Ion: 41 Resp: 9006

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

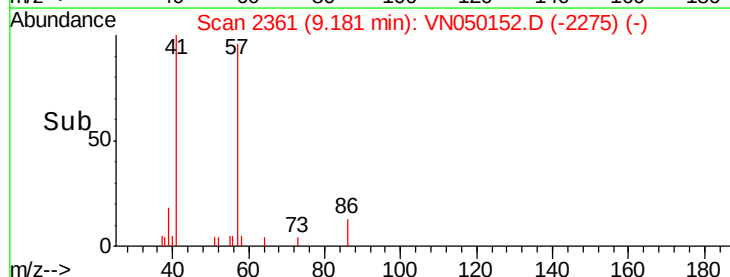
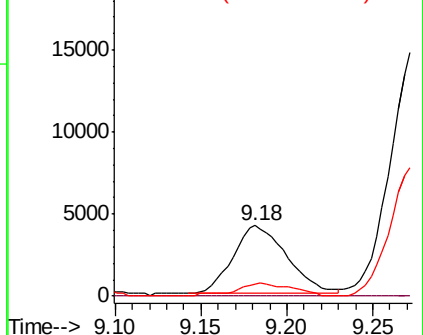
39 19.6 43.9 65.9#

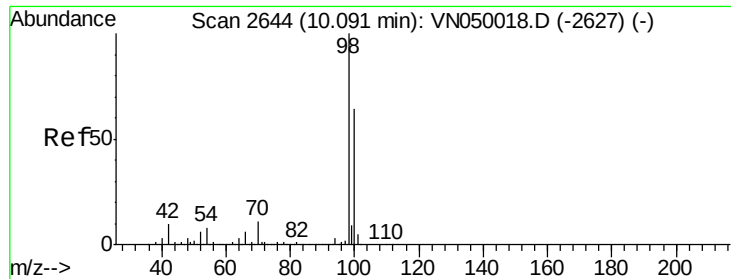


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

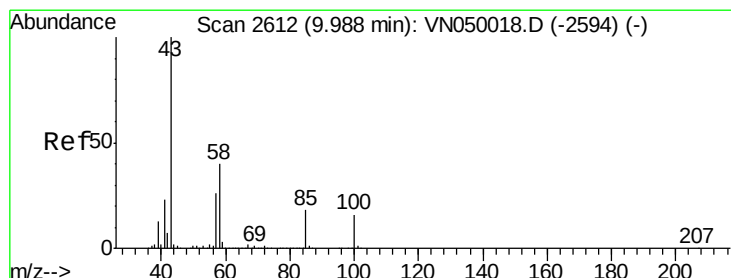
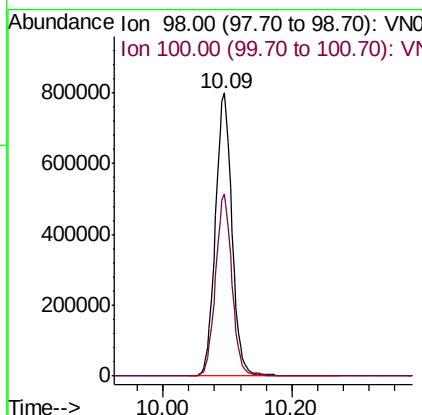
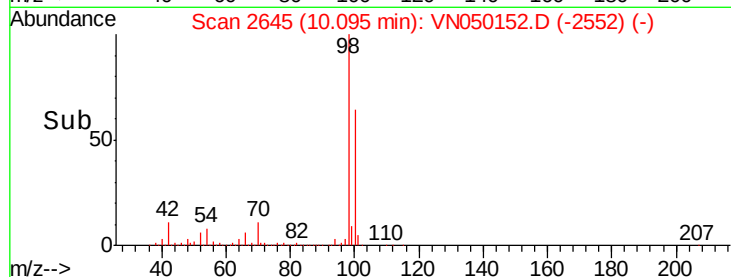
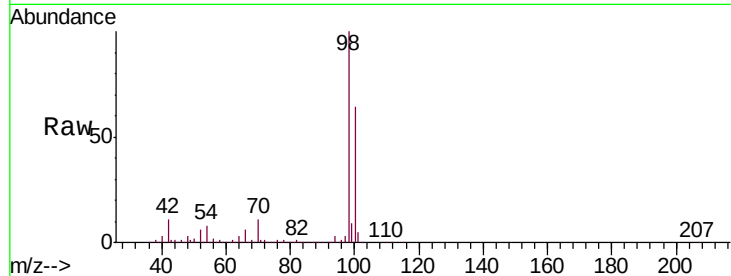




#50
Toluene-d8
Concen: 45.15 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

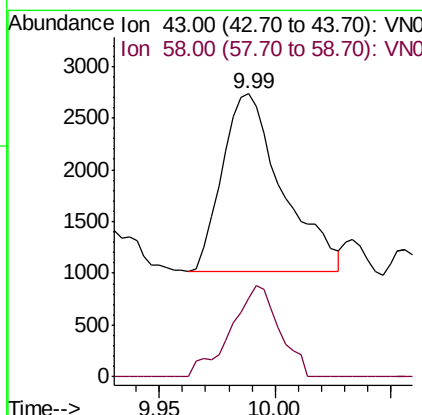
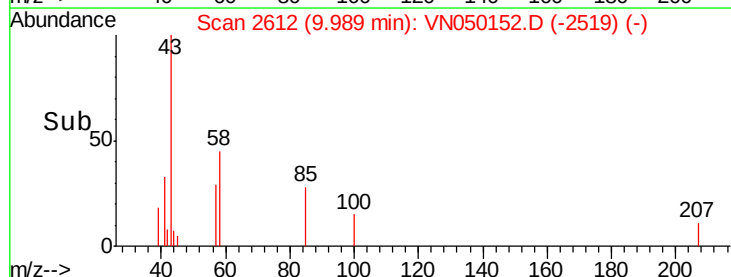
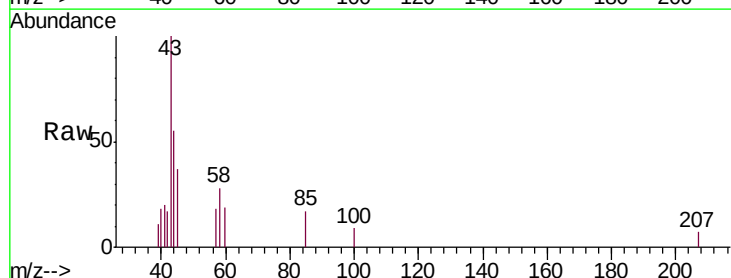
Instrument :
MSVOA_N
ClientSampled :
LA-SOIL-2

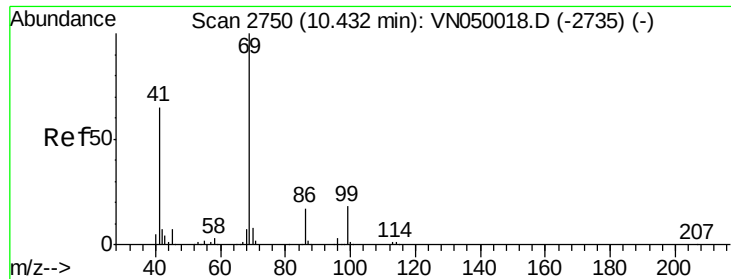
Tot Ion: 98 Resp: 1429619
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 43 Resp: 3089
Ion Ratio Lower Upper
43 100
58 41.4 31.9 47.9





#56

Ethyl methacrylate

Concen: 2.24 ug/l

RT: 10.23 min Scan# 2688

Delta R.T. -0.20 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampled :

LA-SOIL-2

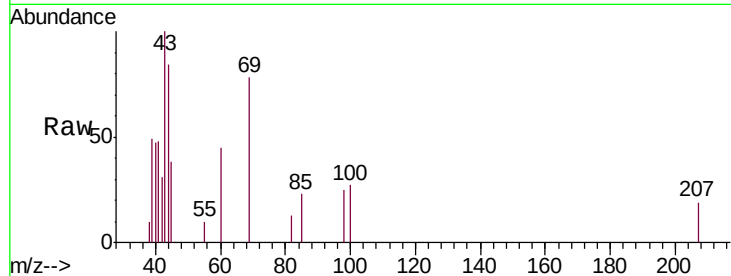
Tot Ion: 69 Resp: 2517

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

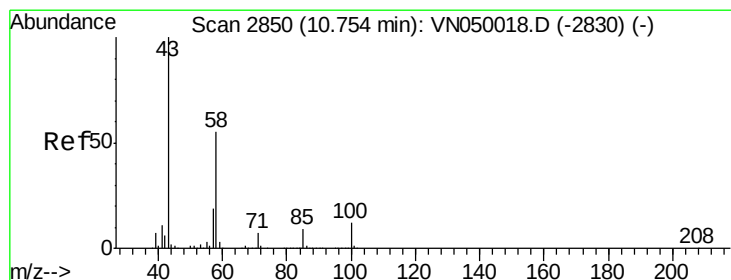
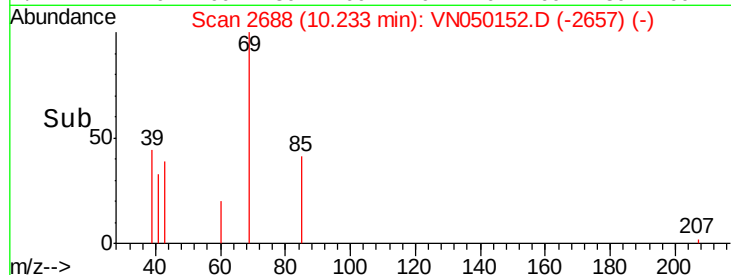
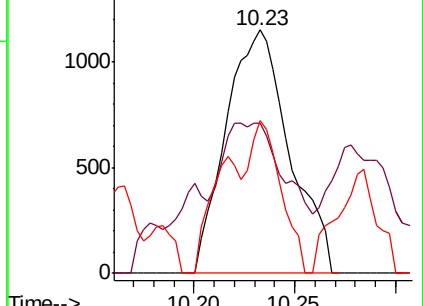
39 32.4 26.6 40.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 8.35 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050152.D

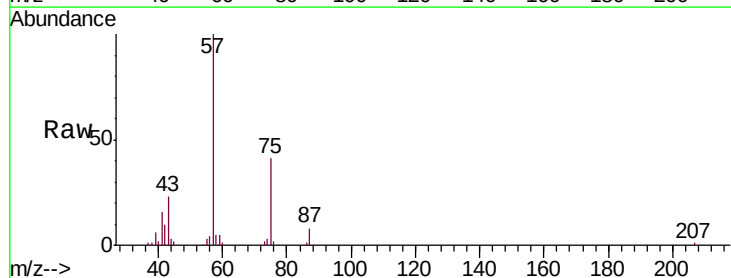
Acq: 28 Jul 2018 00:32

Tgt Ion: 43 Resp: 19427

Ion Ratio Lower Upper

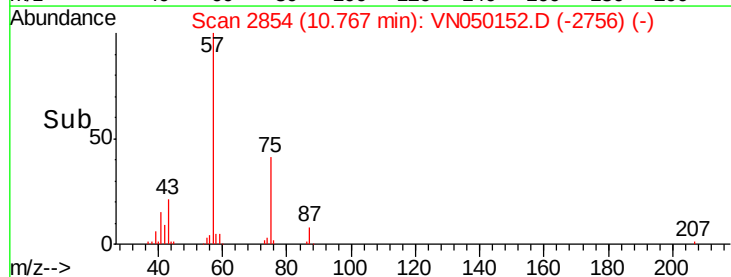
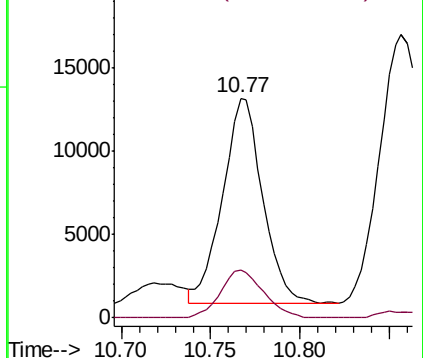
43 100

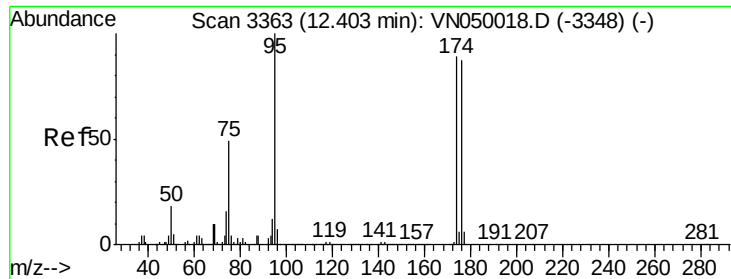
58 24.9 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

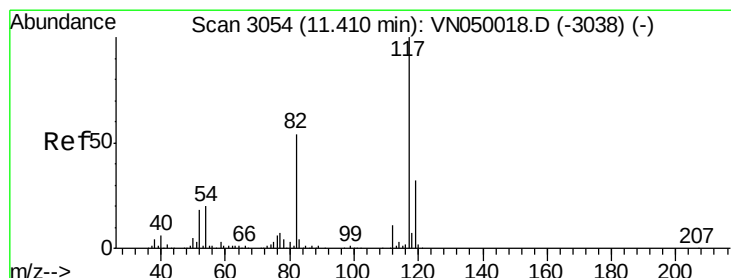
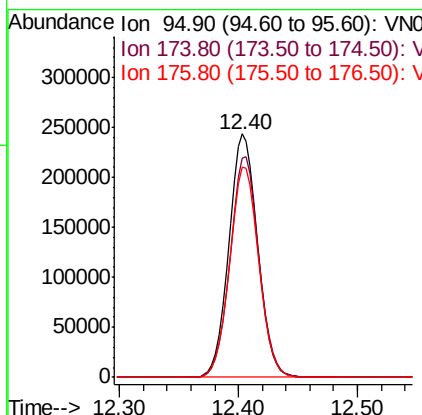
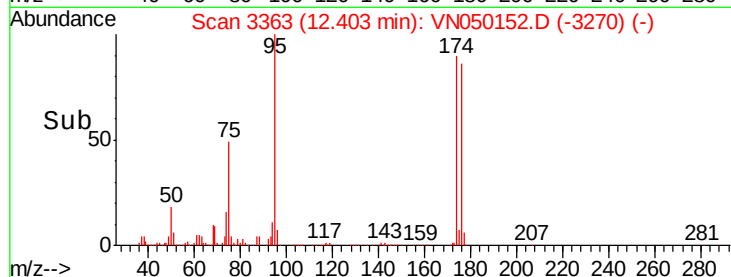
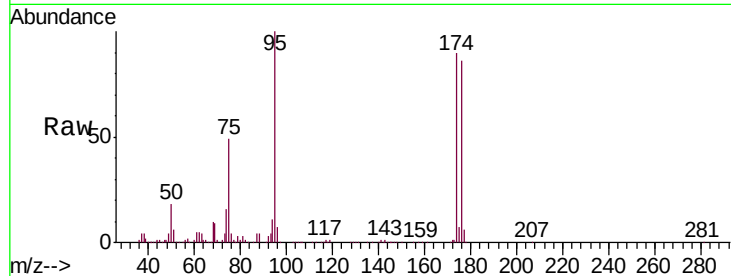




#62
4-Bromofluorobenzene
Concen: 38.98 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

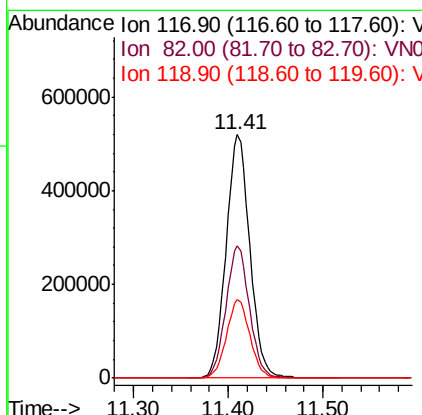
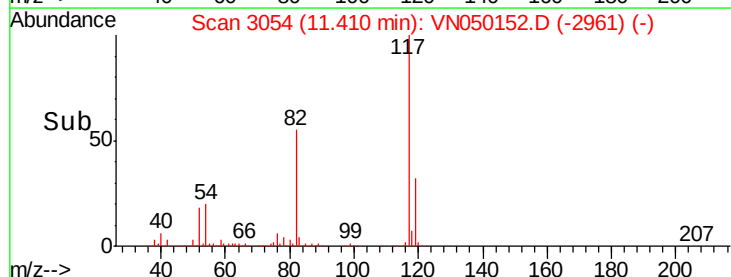
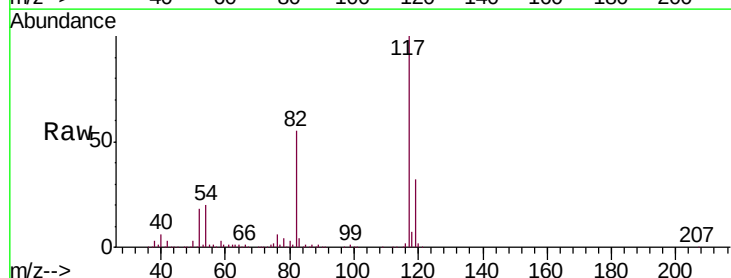
Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-2

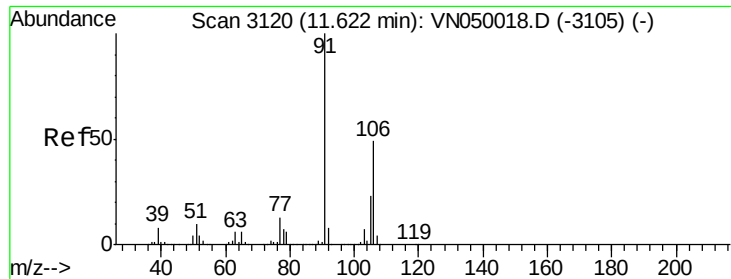
Tot Ion: 95 Resp: 406413
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion: 117 Resp: 901877
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.1 26.1 39.1

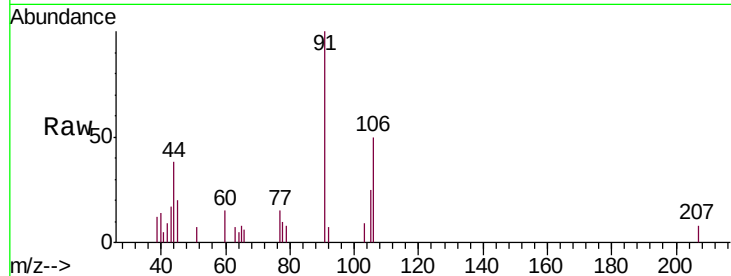




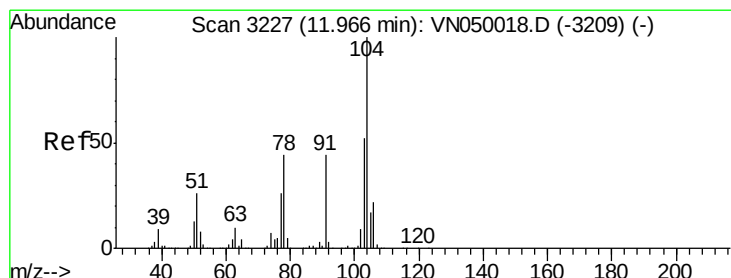
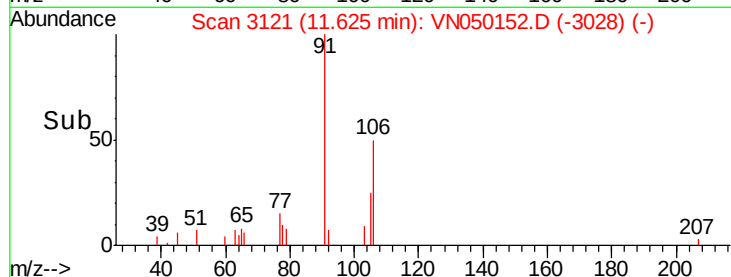
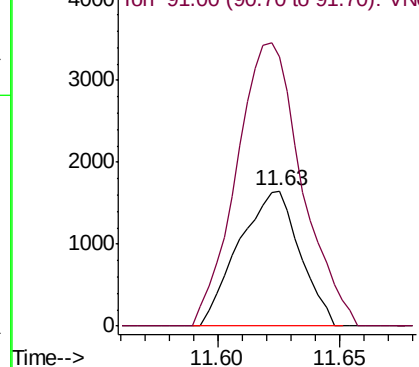
#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-2

Tot Ion:106 Resp: 2868
Ion Ratio Lower Upper
106 100
91 223.5 162.2 243.2

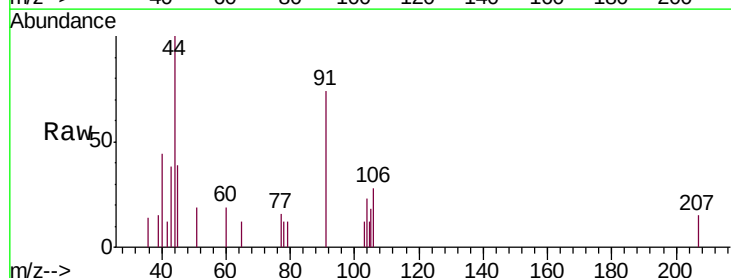


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

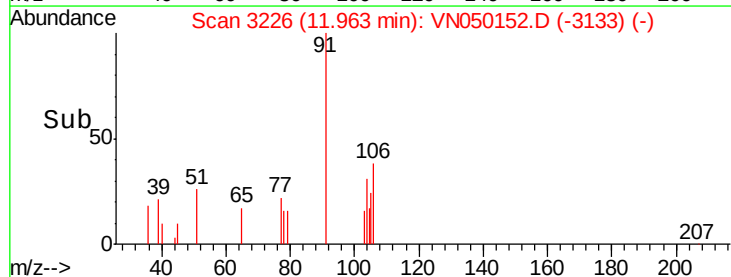
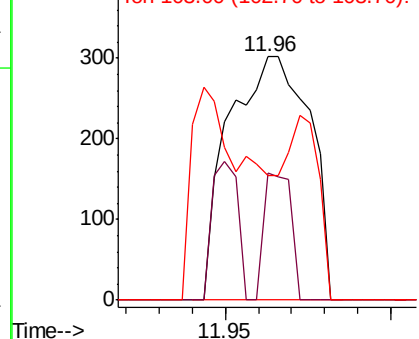


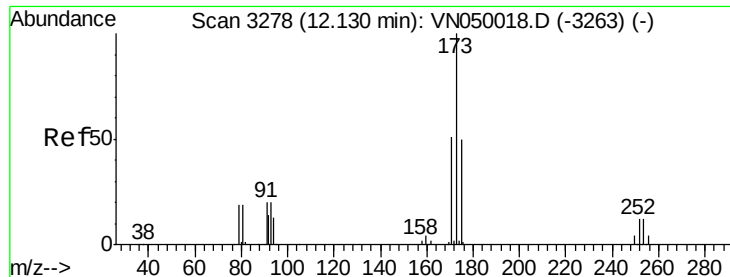
#70
Styrene
Concen: 0.94 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Tgt Ion:104 Resp: 514
Ion Ratio Lower Upper
104 100
78 17.3 39.3 58.9#
103 29.4 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

LA-SOIL-2

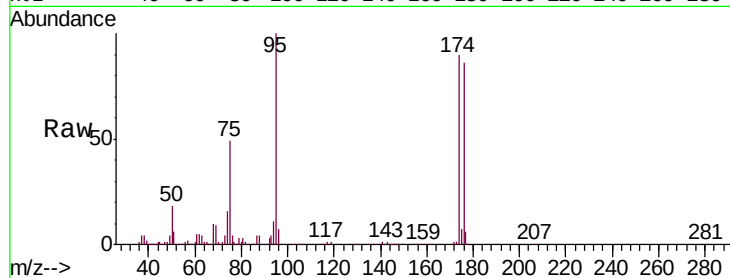
Tot Ion:173 Resp: 2087

Ion Ratio Lower Upper

173 100

175 1104.0 24.1 72.2#

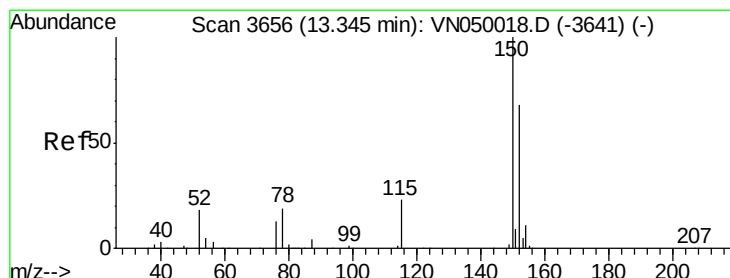
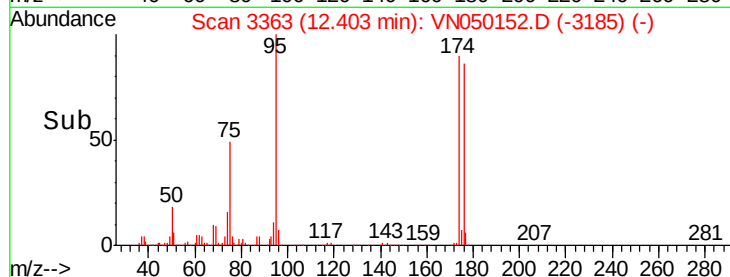
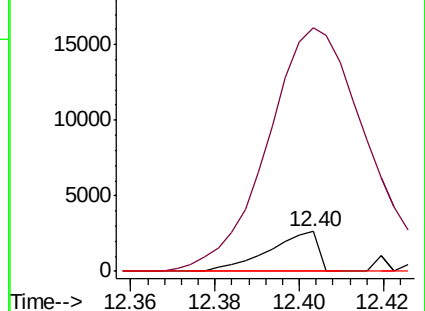
254 0.0 0.2 0.2#



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: VN050152.D

Acq: 28 Jul 2018 00:32

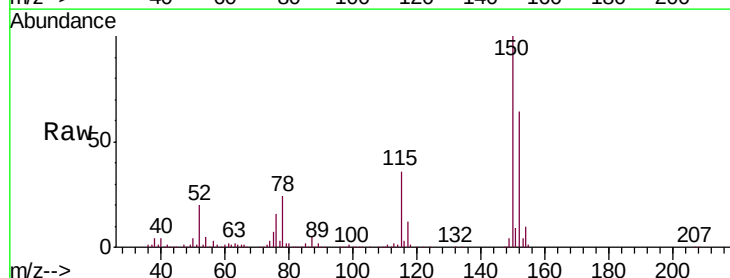
Tgt Ion:152 Resp: 348245

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

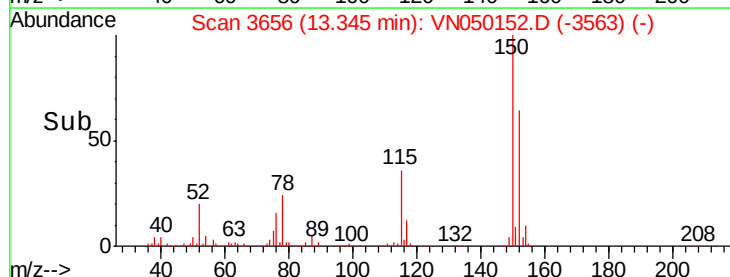
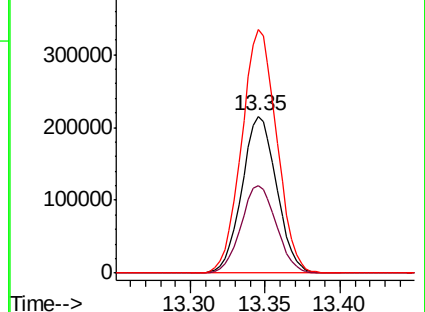
150 156.8 0.0 348.6

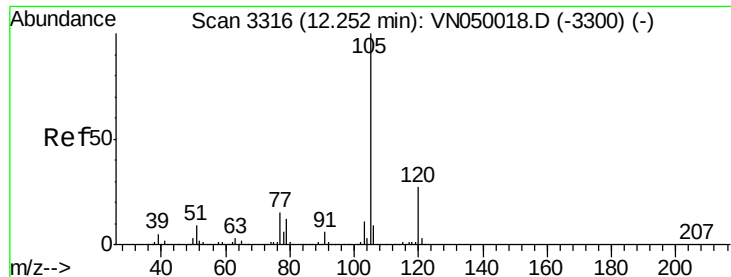


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.26 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

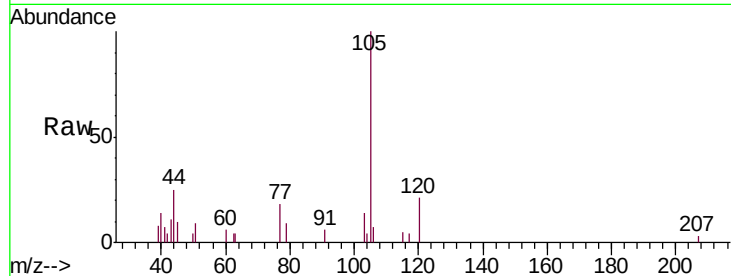
LA-SOIL-2

Tot Ion:105 Resp: 6947

Ion Ratio Lower Upper

105 100

120 22.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

4000

3000

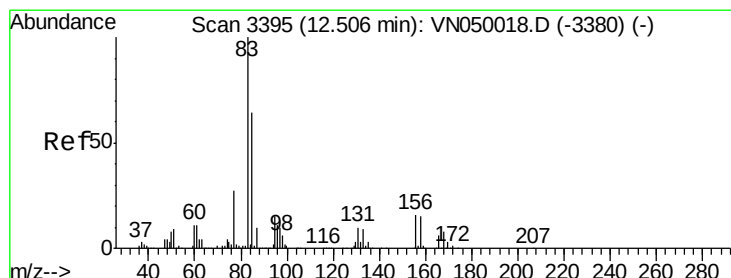
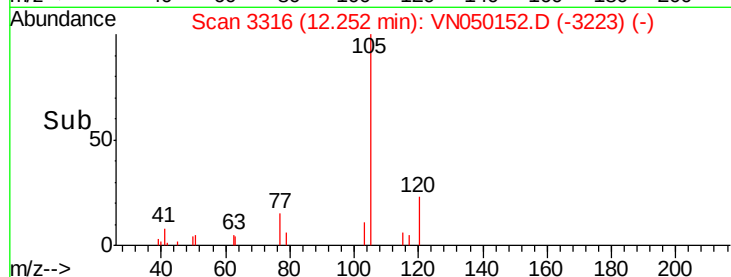
2000

1000

0

Time-->

12.20 12.25 12.30



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

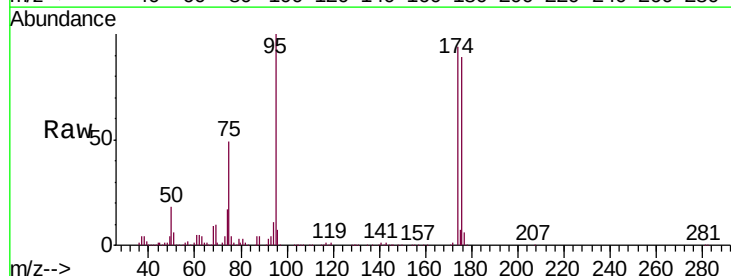
Tgt Ion: 83 Resp: 214

Ion Ratio Lower Upper

83 100

131 257.9 5.1 15.3#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V

500

400

300

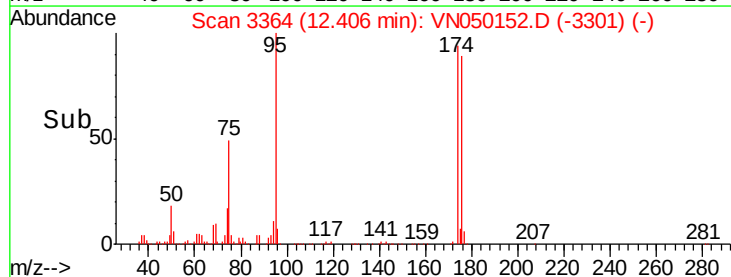
200

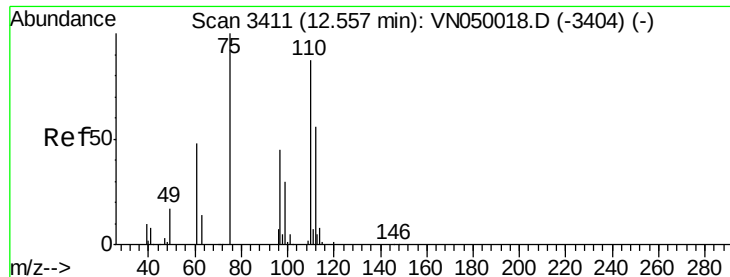
100

0

Time-->

12.40 12.41 12.42





#76

1,2,3-Trichloropropane

Concen: 30.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampled :

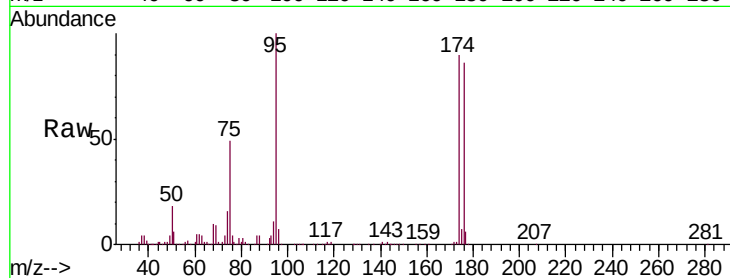
LA-SOIL-2

Tot Ion: 75 Resp: 199739

Ion Ratio Lower Upper

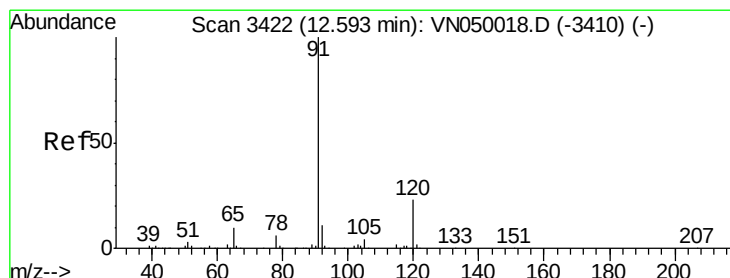
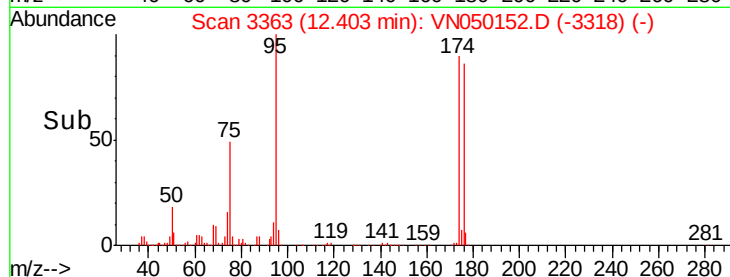
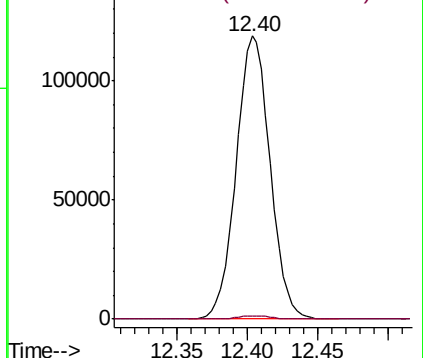
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.21 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050152.D

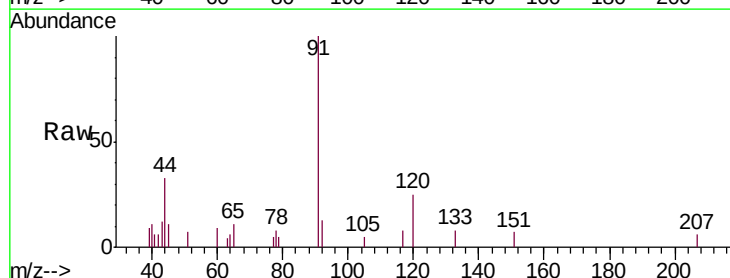
Acq: 28 Jul 2018 00:32

Tgt Ion: 91 Resp: 6315

Ion Ratio Lower Upper

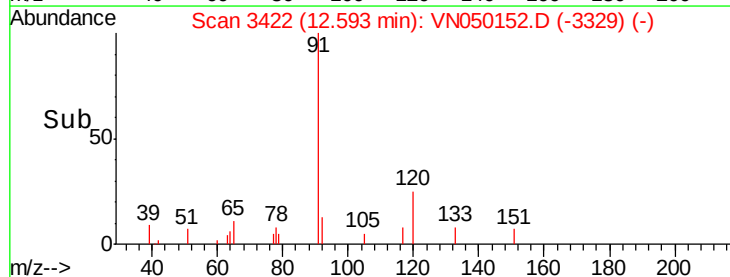
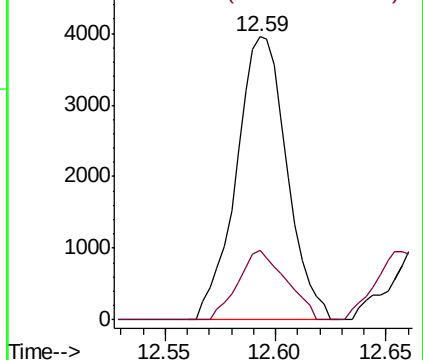
91 100

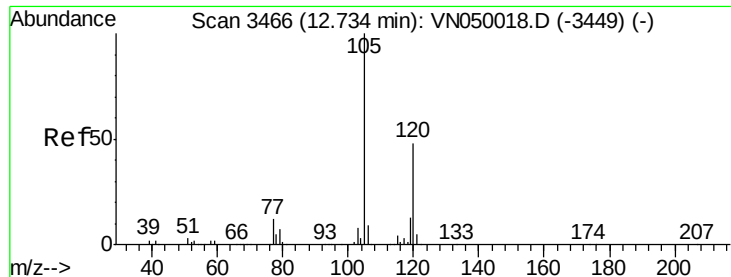
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampleId :

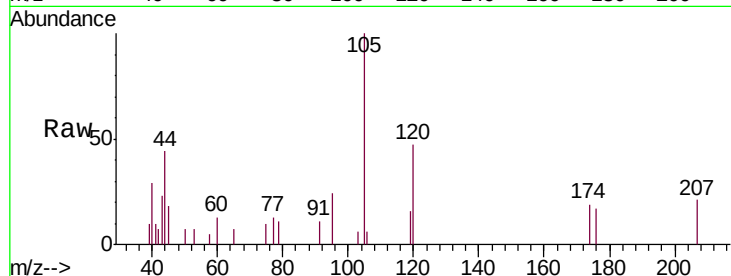
LA-SOIL-2

Tot Ion:105 Resp: 4503

Ion Ratio Lower Upper

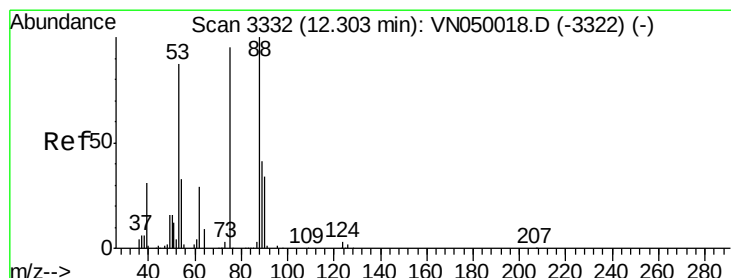
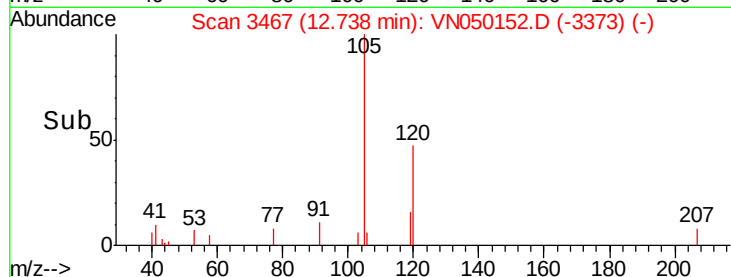
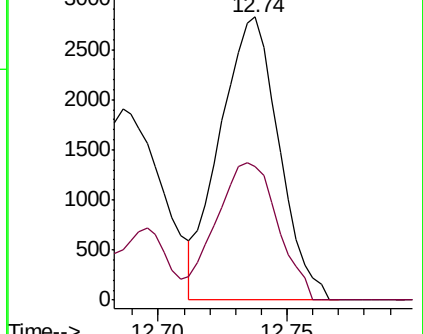
105 100

120 51.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 97.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

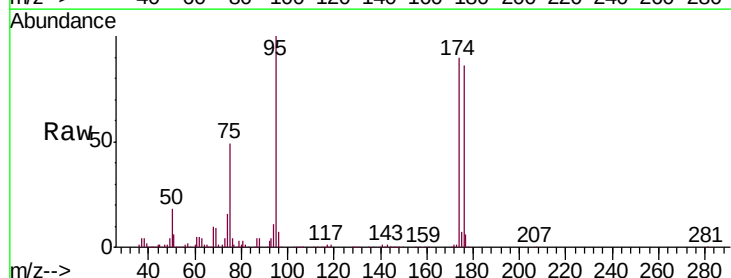
Tgt Ion: 75 Resp: 199739

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

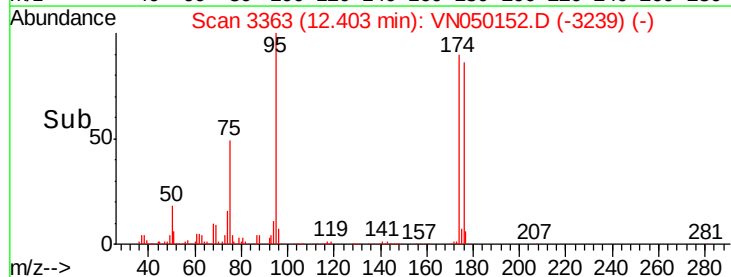
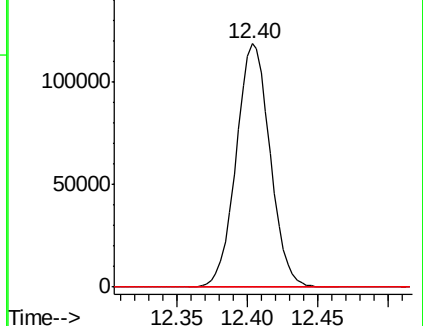
89 0.0 36.0 54.0#

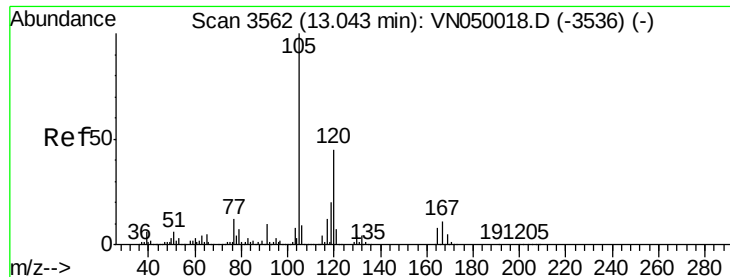


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.60 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampled :

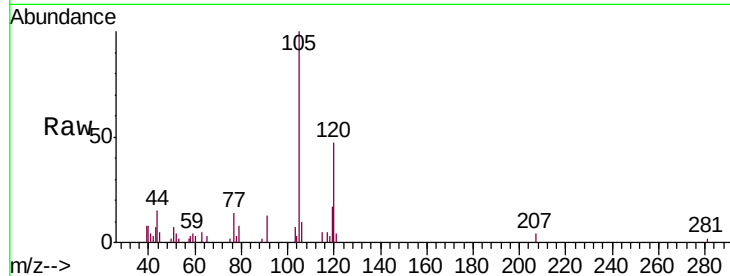
LA-SOIL-2

Tot Ion:105 Resp: 12743

Ion Ratio Lower Upper

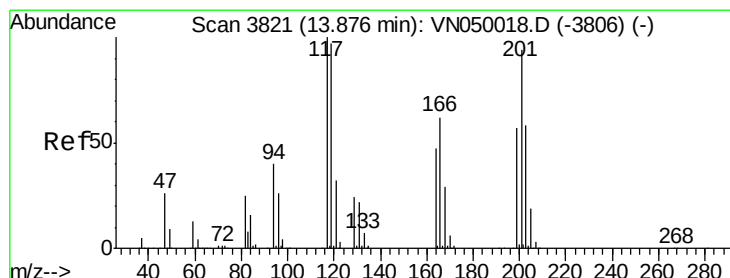
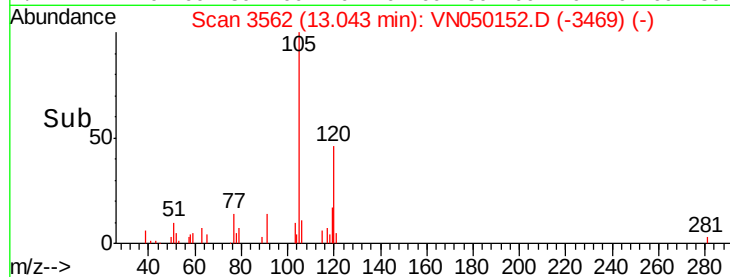
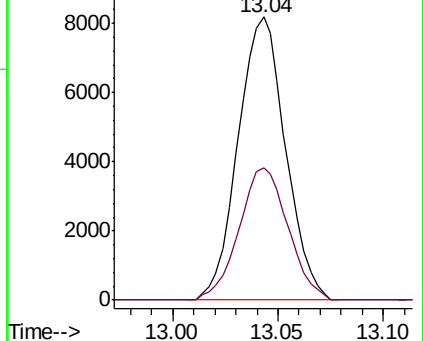
105 100

120 48.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.38 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050152.D

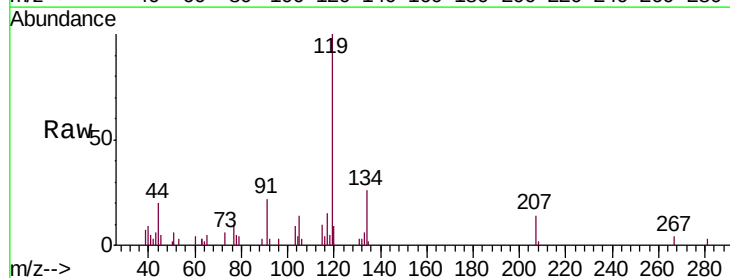
Acq: 28 Jul 2018 00:32

Tgt Ion:117 Resp: 1776

Ion Ratio Lower Upper

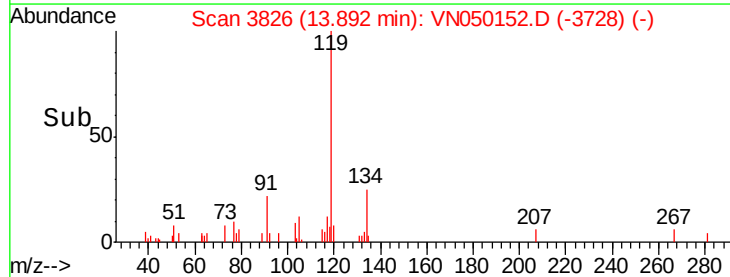
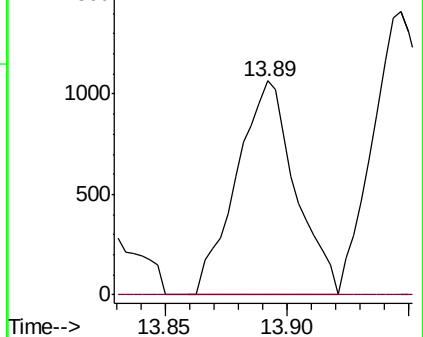
117 100

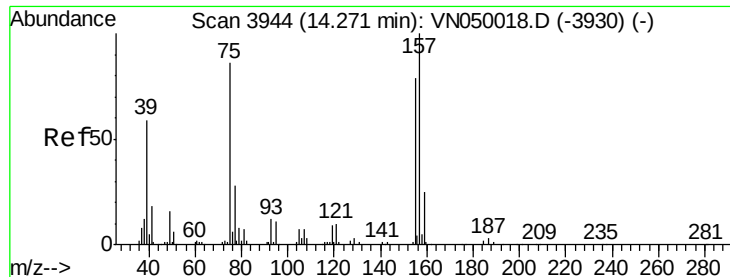
201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

Instrument :

MSVOA_N

ClientSampled :

LA-SOIL-2

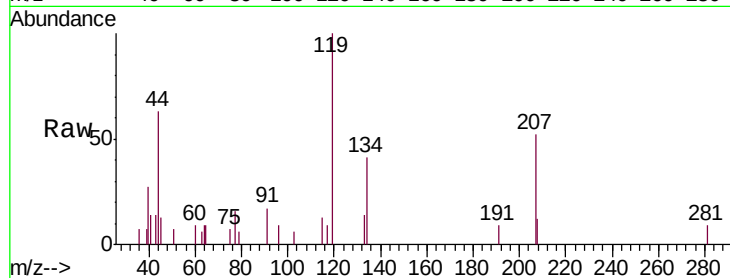
Tot Ion: 75 Resp: 97

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

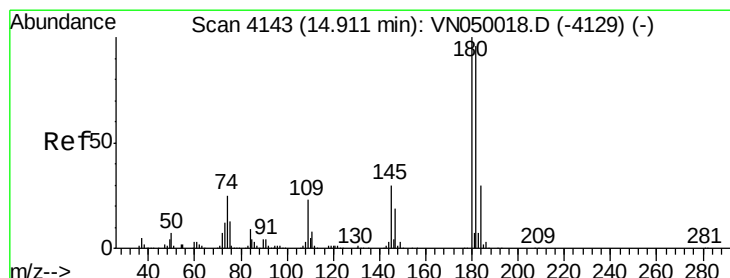
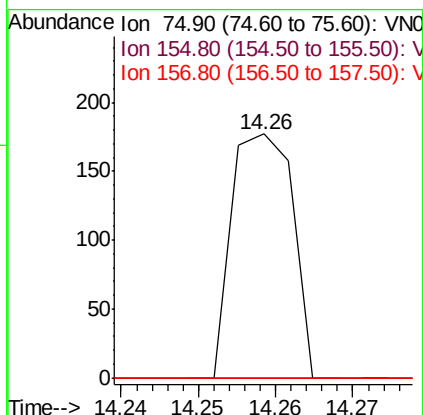
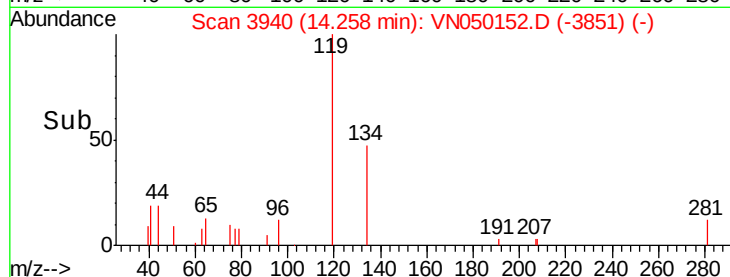


Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)

Time--> 14.24 14.25 14.26 14.27



#93

1,2,4-Trichlorobenzene

Concen: 3.11 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050152.D

Acq: 28 Jul 2018 00:32

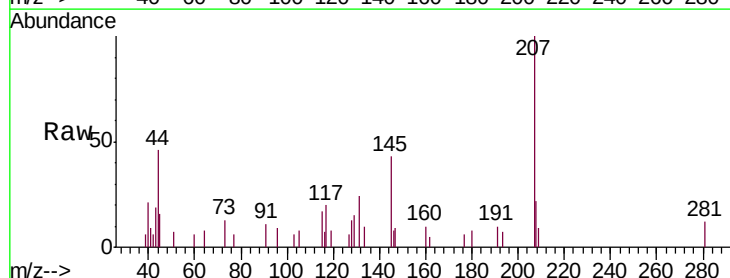
Tgt Ion: 180 Resp: 160

Ion Ratio Lower Upper

180 100

182 113.1 46.7 140.1

145 1176.3 13.8 41.4#

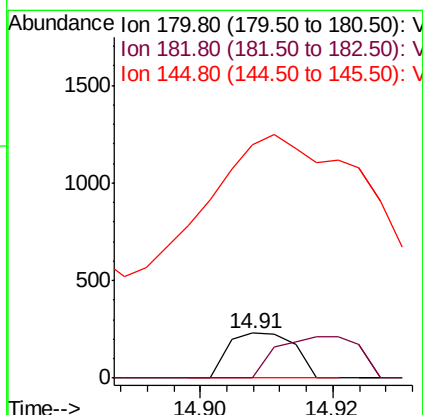
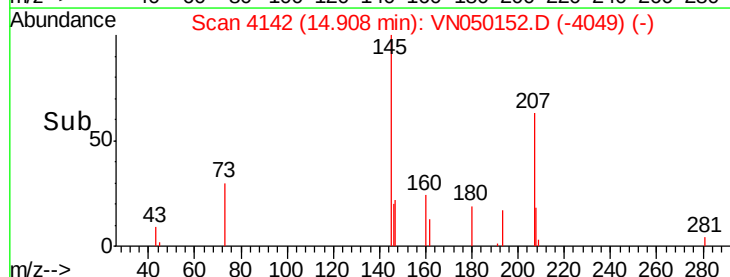


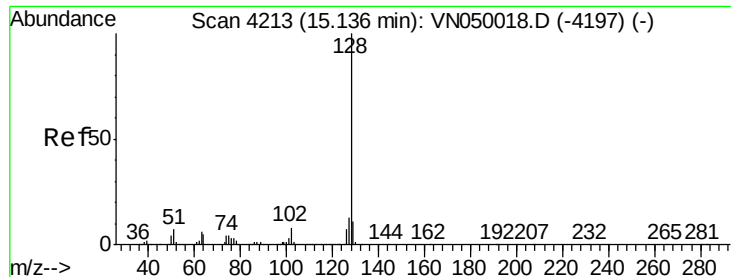
Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050018.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050018.D (-4129) (-)

Time--> 14.90 14.91 14.92

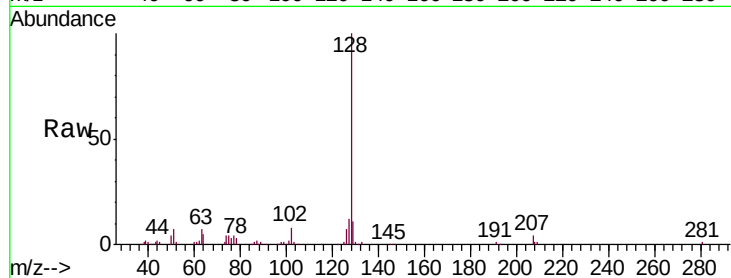




#95
Naphthalene
Concen: 11.51 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050152.D
Acq: 28 Jul 2018 00:32

Instrument :
MSVOA_N
ClientSampleId :
LA-SOIL-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.7	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

