

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
 Data File : VN051858.D
 Acq On : 13 Oct 2018 2:30
 Operator : MD\SY
 Sample : J5395-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PH-SOIL

Quant Time: Oct 13 03:52:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	818678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1182322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1049366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	400746	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	454975	58.14	ug/l	0.00
Spiked Amount			Recovery	=	116.28%	
35) Dibromofluoromethane	7.59	113	436881	59.43	ug/l	0.00
Spiked Amount			Recovery	=	118.86%	
50) Toluene-d8	10.09	98	1626839	59.38	ug/l	0.00
Spiked Amount			Recovery	=	118.76%	
62) 4-Bromofluorobenzene	12.40	95	479042	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	

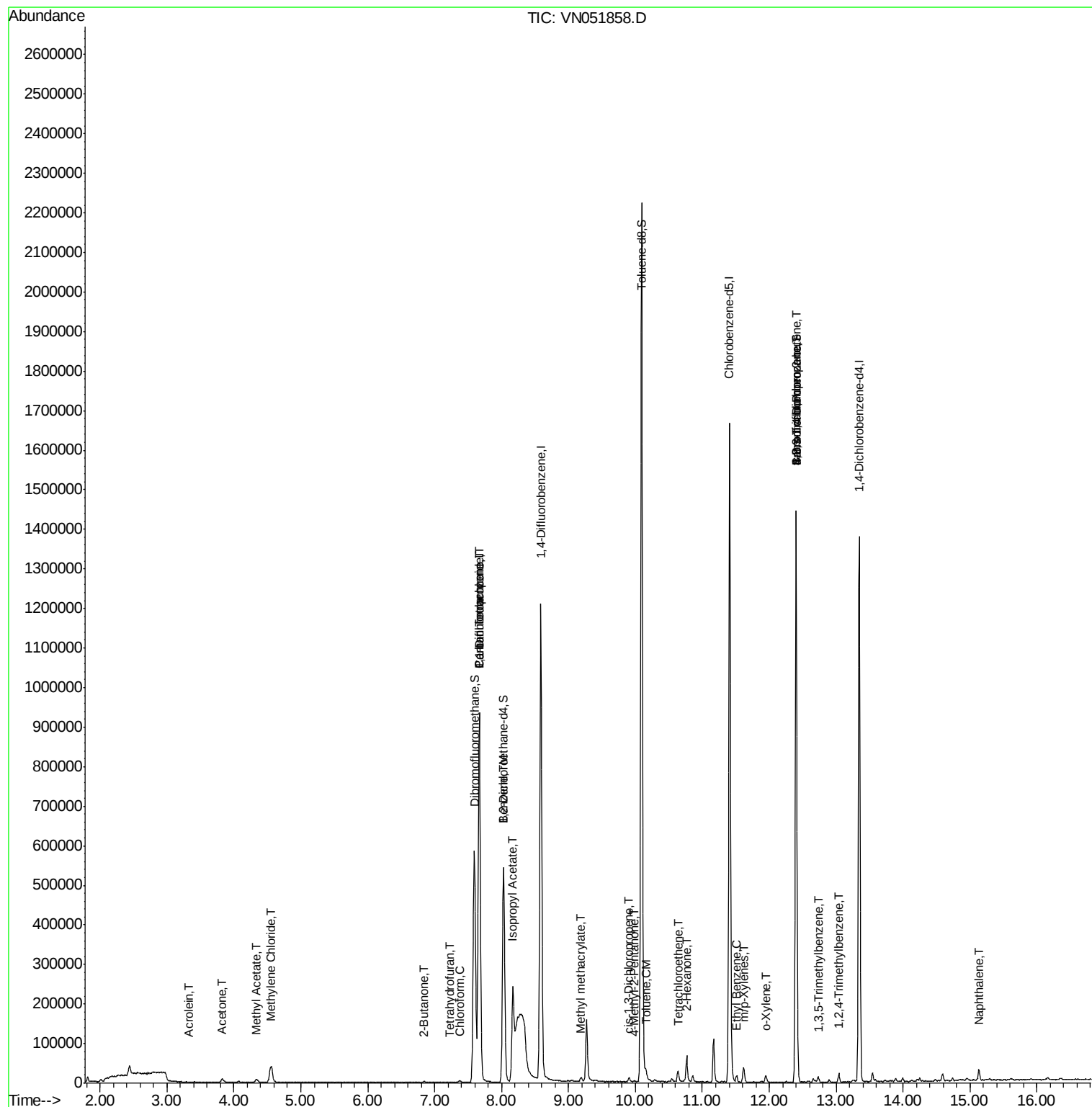
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.33	56	29	15.986	ug/l #	14
16) Acetone	3.83	43	14752	8.742	ug/l	98
18) Methyl Acetate	4.34	43	14118	2.149	ug/l #	75
20) Methylene Chloride	4.56	84	36309	5.199	ug/l	88
25) 2-Butanone	6.85	43	2986	1.252	ug/l	99
29) Tetrahydrofuran	7.23	42	449	0.316	ug/l #	63
30) Chloroform	7.37	83	5266	0.393	ug/l	94
31) Cyclohexane	7.67	56	13611	Below Cal	#	21
36) 1,1-Dichloropropene	7.67	75	52301	5.464	ug/l #	51
38) Carbon Tetrachloride	7.67	117	76191	6.867	ug/l #	16
40) Benzene	8.04	78	19107	0.692	ug/l	93
43) Isopropyl Acetate	8.17	43	293122	29.673	ug/l	94
48) Methyl methacrylate	9.18	41	4678	1.069	ug/l #	25
51) 4-Methyl-2-Pentanone	9.98	43	1445	0.283	ug/l	96
52) Toluene	10.16	92	8541	0.461	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	2200	0.201	ug/l #	74
59) 2-Hexanone	10.76	43	9197	2.567	ug/l #	55
64) Tetrachloroethene	10.63	164	2538	0.315	ug/l	85
67) Ethyl Benzene	11.51	91	13113	0.373	ug/l	94
68) m/p-Xylenes	11.62	106	13382	0.943	ug/l	90
69) o-Xylene	11.94	106	4768	0.346	ug/l	99
71) Bromoform	12.40	173	3666	4.113	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	245254	49.599	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5700	0.227	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	245254	140.930	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	13249	0.529	ug/l	99
95) Naphthalene	15.13	128	23715	5.861	ug/l	99

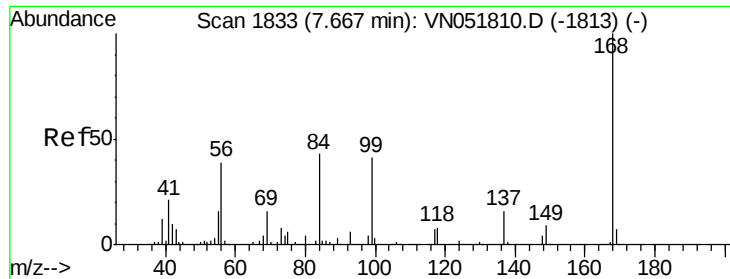
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

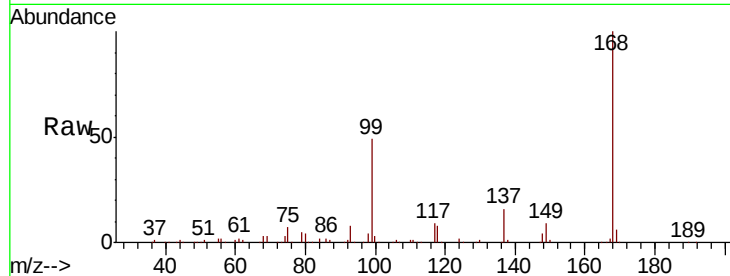
PH-SOIL

Tot Ion:168 Resp: 818678

Ion Ratio Lower Upper

168 100

99 49.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

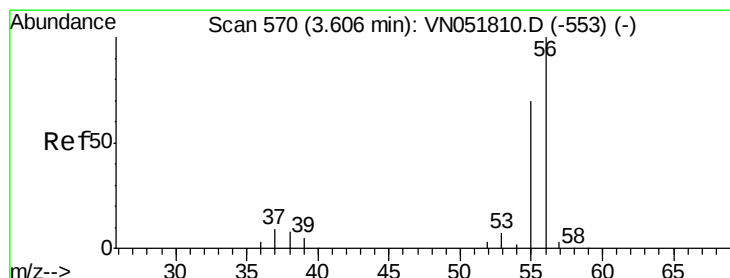
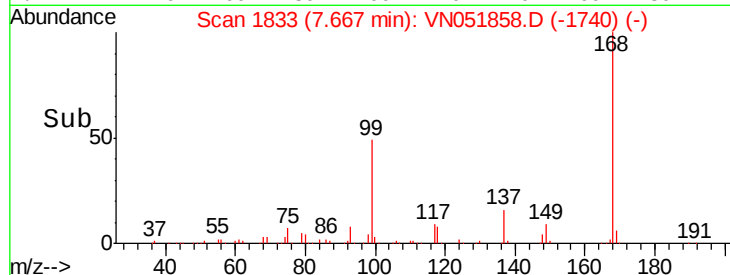
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 15.986 ug/l

RT: 3.33 min Scan# 483

Delta R.T. -0.28 min

Lab File: VN051858.D

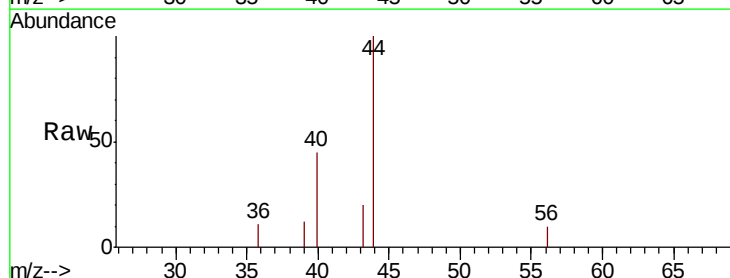
Acq: 13 Oct 2018 2:30

Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.33

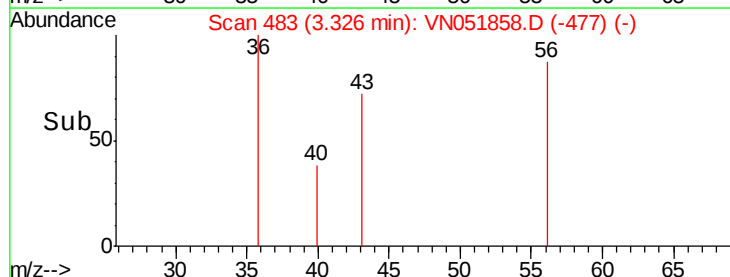
150

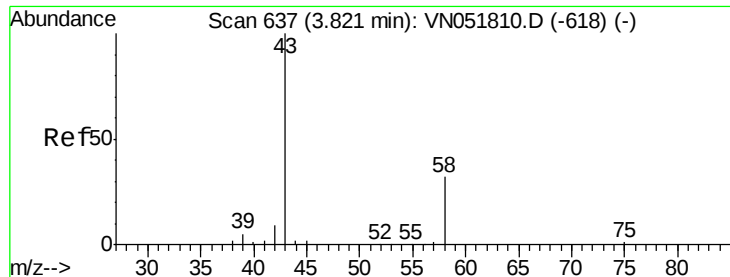
100

50

0

Time-->





#16

Acetone

Concen: 8.742 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampled :

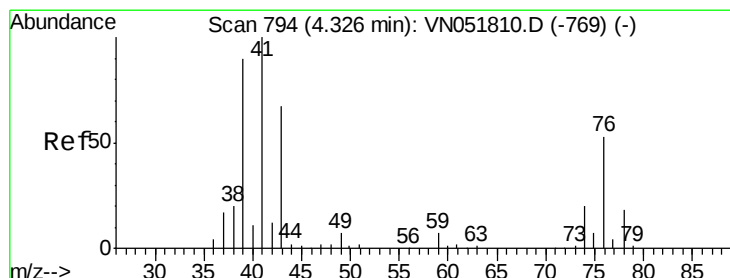
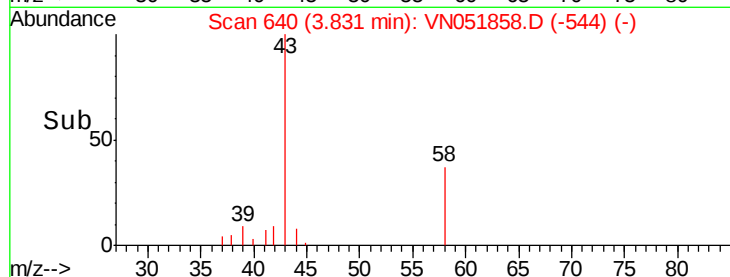
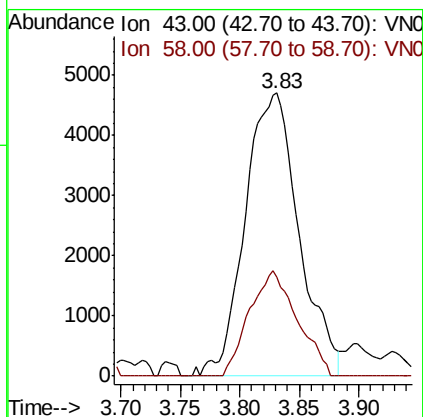
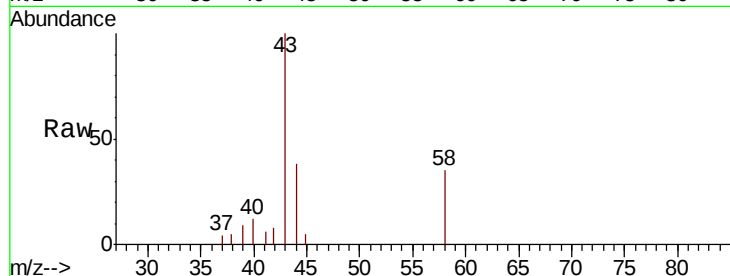
PH-SOIL

Tot Ion: 43 Resp: 14752

Ion Ratio Lower Upper

43 100

58 35.1 27.2 40.8



#18

Methyl Acetate

Concen: 2.149 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051858.D

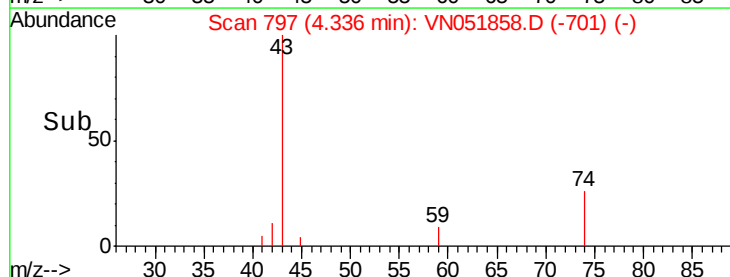
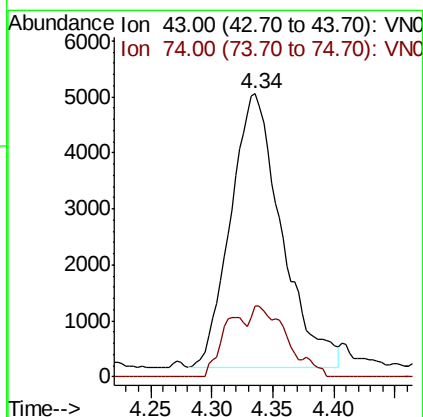
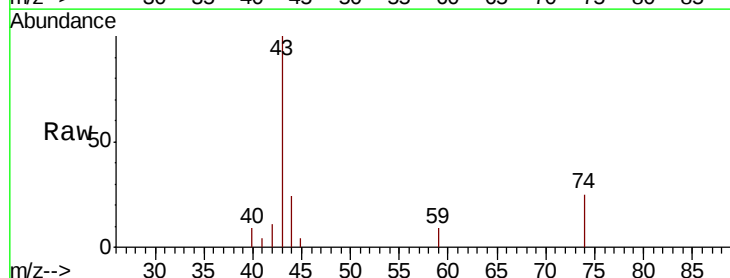
Acq: 13 Oct 2018 2:30

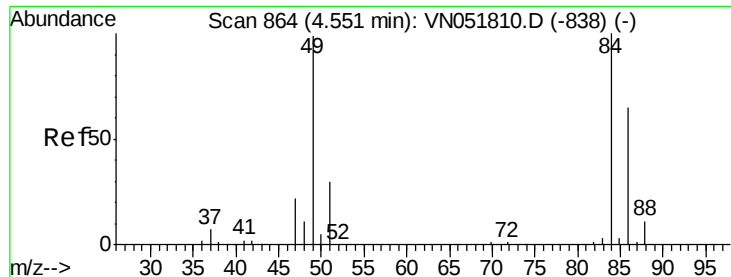
Tgt Ion: 43 Resp: 14118

Ion Ratio Lower Upper

43 100

74 12.4 19.8 29.8#

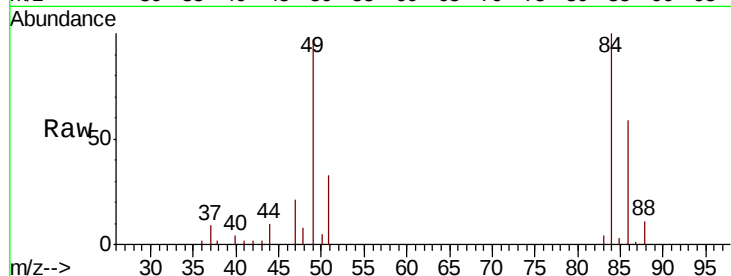




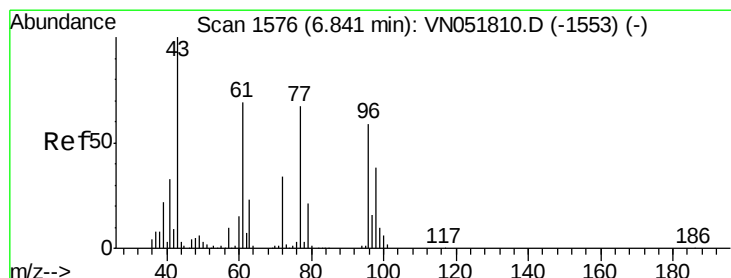
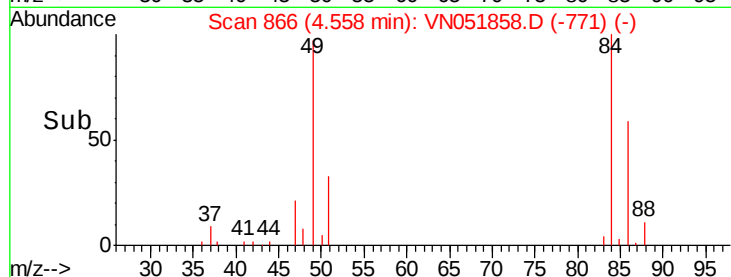
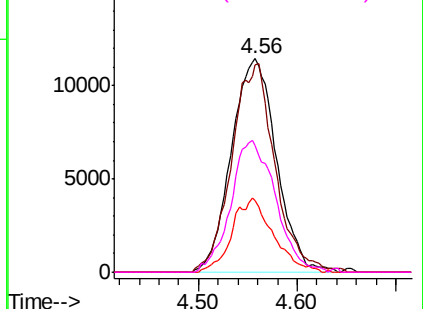
#20
Methvlene Chloride
Concen: 5.199 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

Instrument :
MSVOA_N
ClientSampleId :
PH-SOIL

Tot Ion:	84	Resp:	36309
Ion	Ratio	Lower	Upper
84	100		
49	96.8	93.2	139.8
51	33.5	29.0	43.6
86	59.4	49.8	74.8

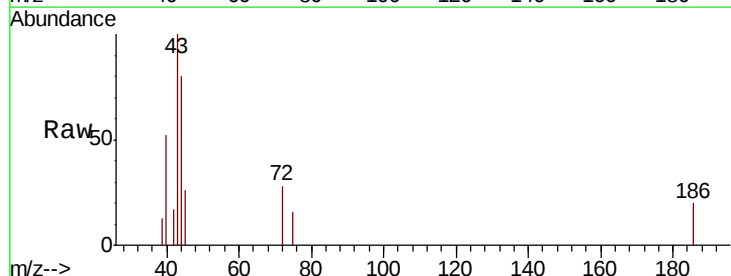


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

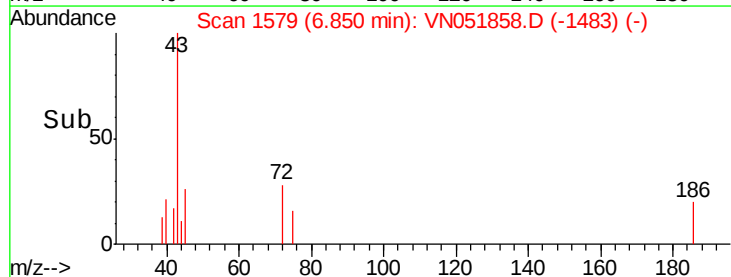
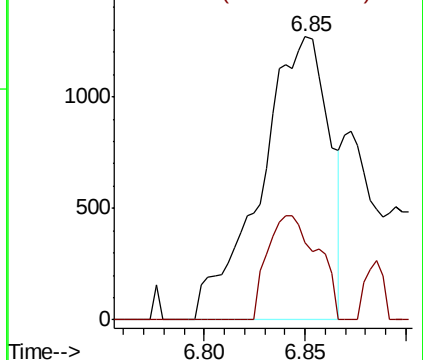


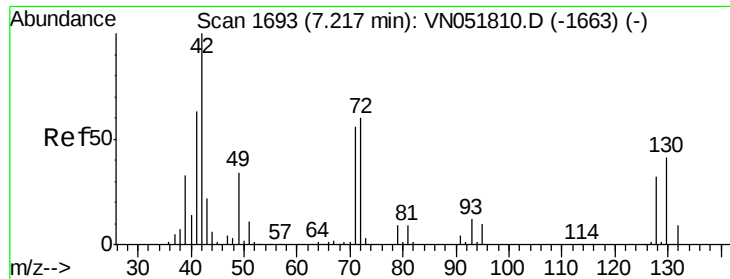
#25
2-Butanone
Concen: 1.252 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

Tgt Ion:	43	Resp:	2986
Ion	Ratio	Lower	Upper
43	100		
72	27.5	22.3	33.5



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





#29

Tetrahydrofuran

Concen: 0.316 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampled :

PH-SOIL

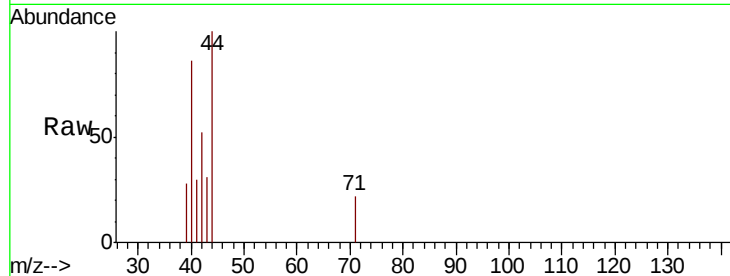
Tot Ion: 42 Resp: 449

Ion Ratio Lower Upper

42 100

72 6.7 35.5 53.3#

71 33.2 33.7 50.5#



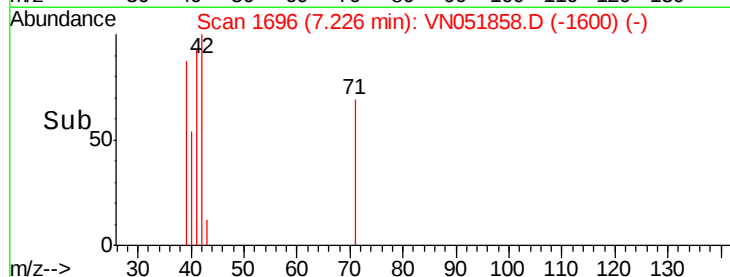
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

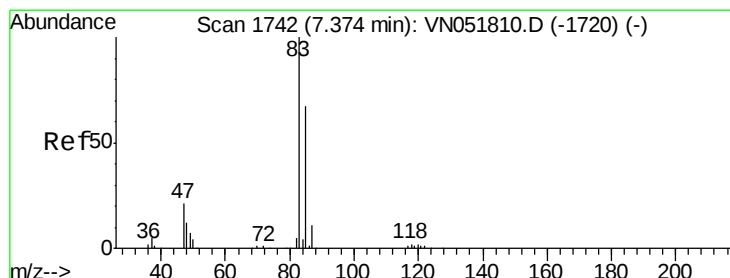
Ion 71.00 (70.70 to 71.70): VN0

7.23

Time-->



Time-->



#30

Chloroform

Concen: 0.393 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051858.D

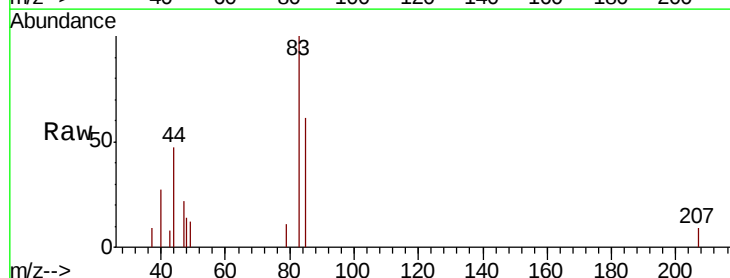
Acq: 13 Oct 2018 2:30

Tgt Ion: 83 Resp: 5266

Ion Ratio Lower Upper

83 100

85 60.8 52.2 78.4

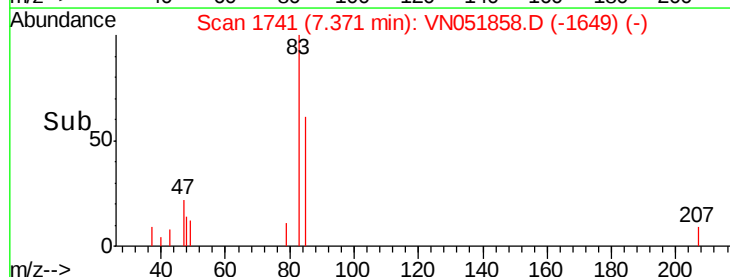


Abundance Ion 82.90 (82.60 to 83.60): VN0

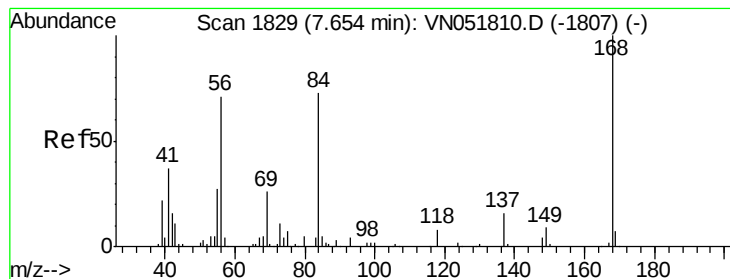
Ion 84.90 (84.60 to 85.60): VN0

7.37

Time-->



Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampled :

PH-SOIL

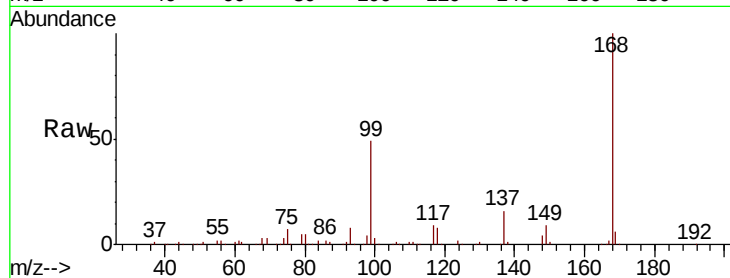
Tot Ion: 56 Resp: 13611

Ion Ratio Lower Upper

56 100

69 147.7 26.2 39.4#

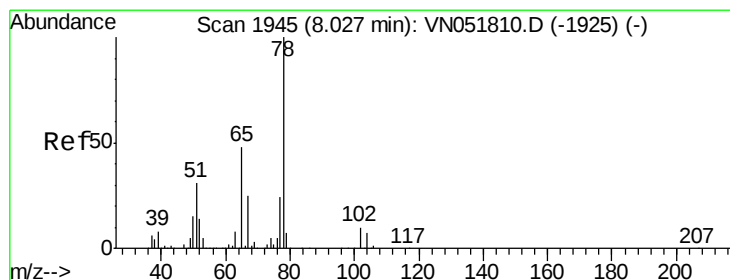
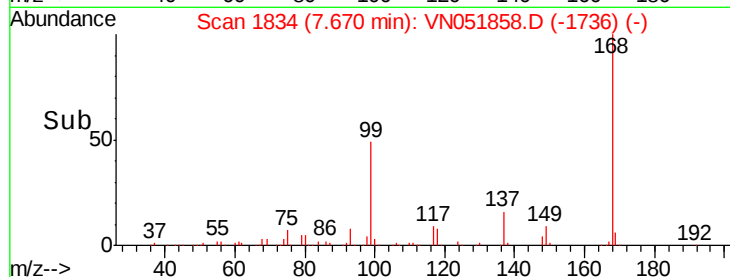
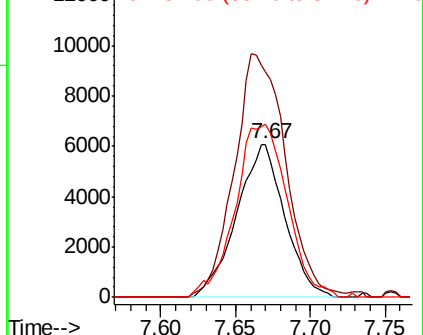
84 113.3 68.3 102.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051858.D

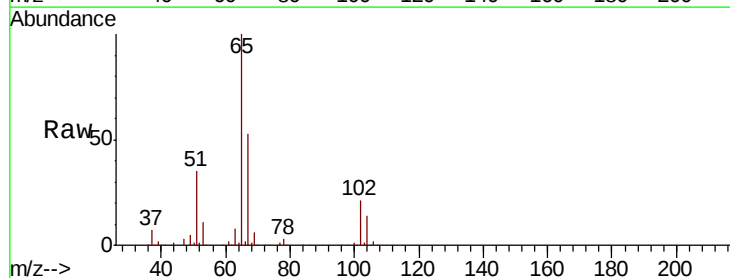
Acq: 13 Oct 2018 2:30

Tgt Ion: 65 Resp: 454975

Ion Ratio Lower Upper

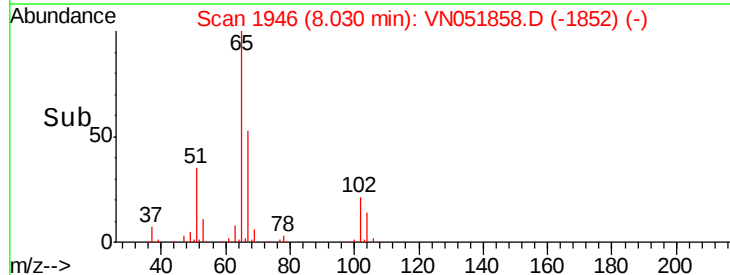
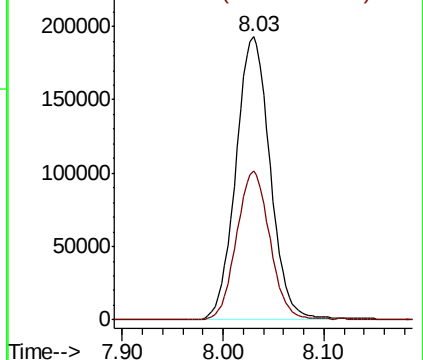
65 100

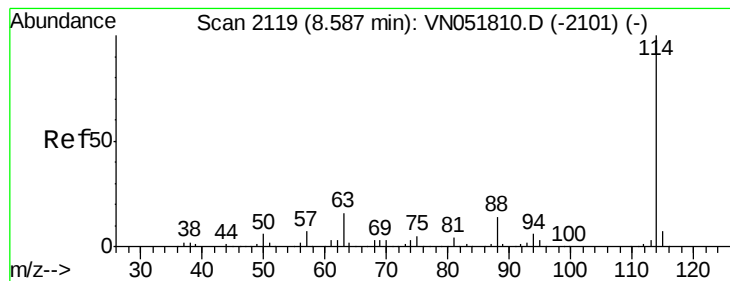
67 51.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

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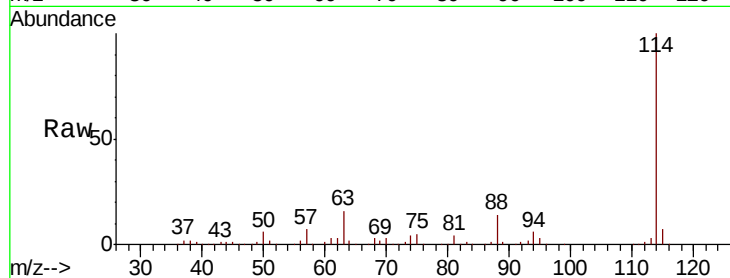
Tot Ion:114 Resp: 1182322

Ion Ratio Lower Upper

114 100

63 16.4 0.0 38.6

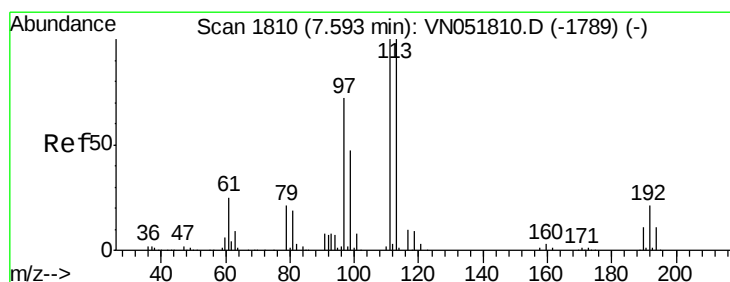
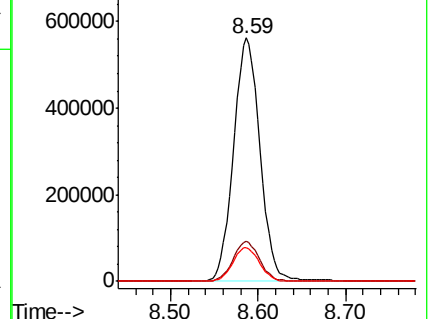
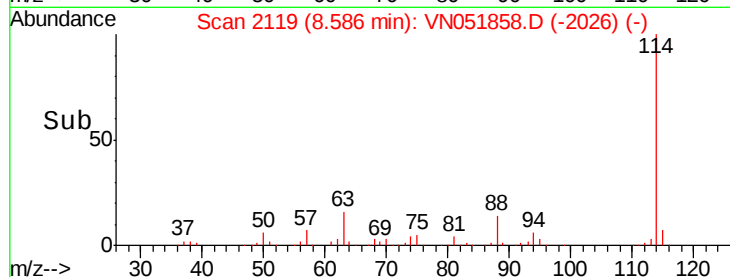
88 13.9 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

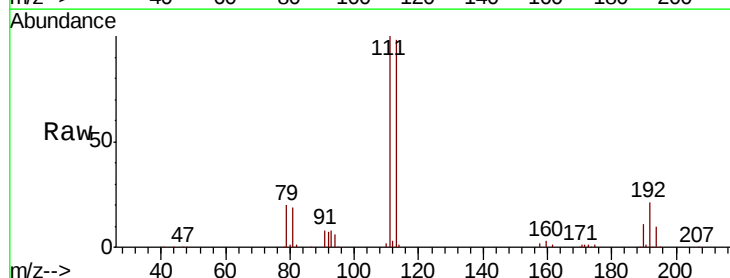
Tgt Ion:113 Resp: 436881

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

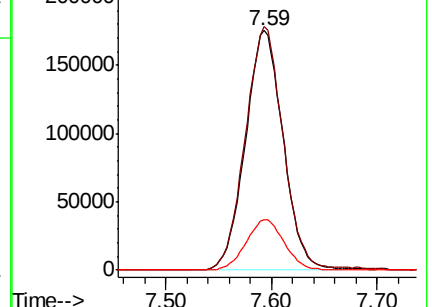
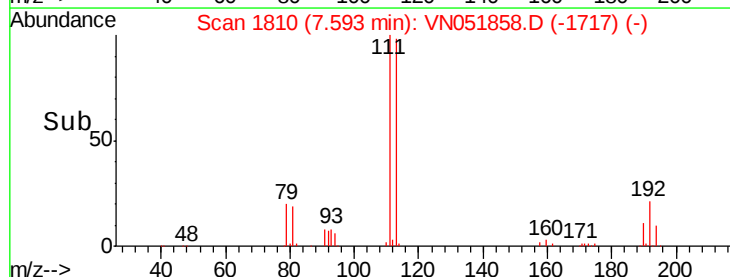
192 21.3 18.0 27.0

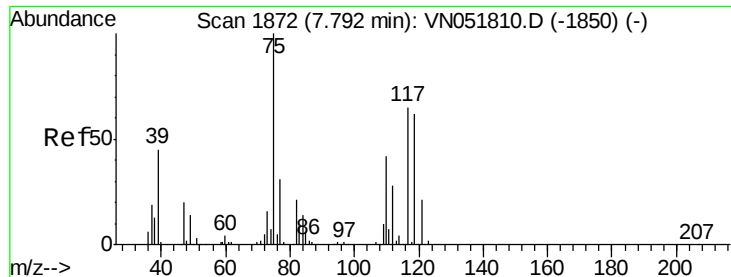


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.464 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

PH-SOIL

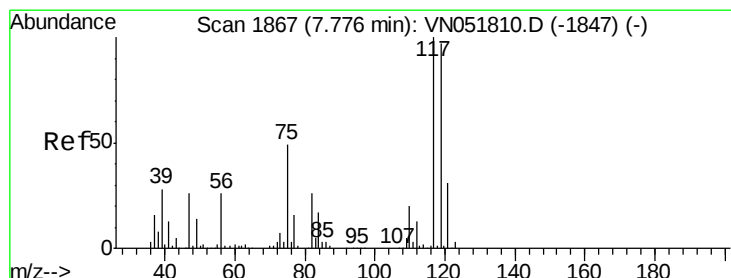
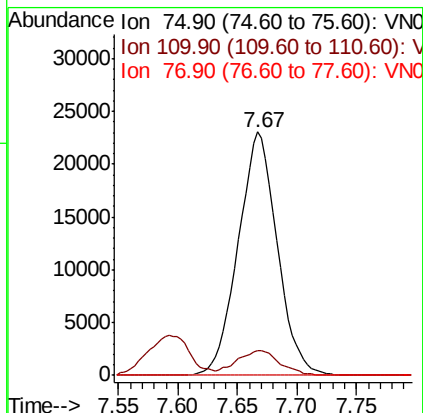
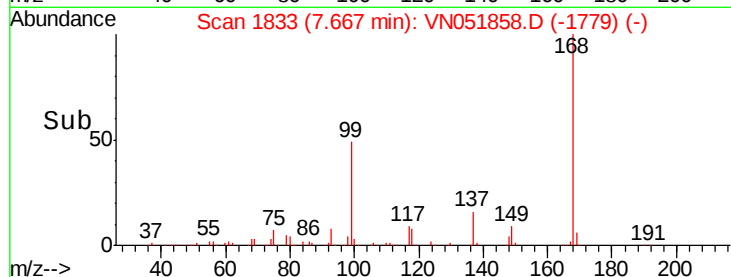
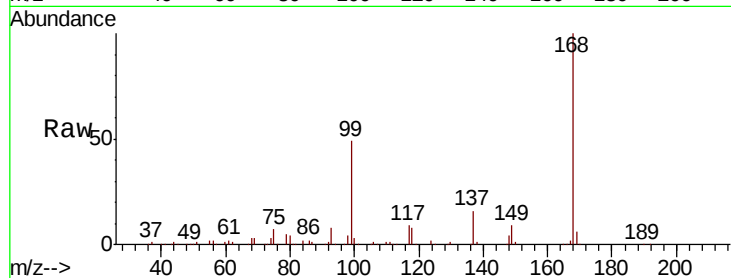
Tot Ion: 75 Resp: 52301

Ion Ratio Lower Upper

75 100

110 11.3 18.1 54.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.867 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

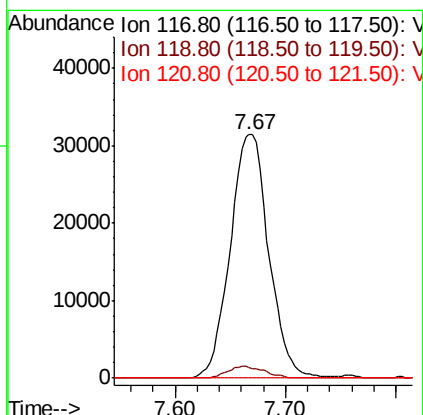
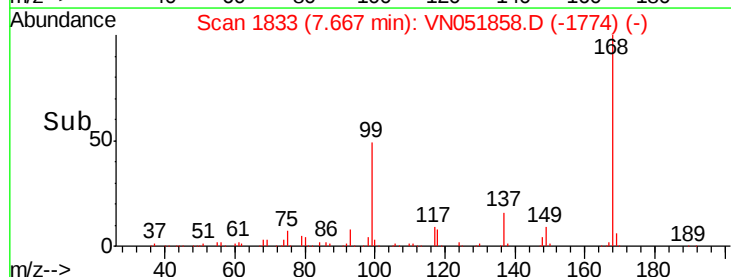
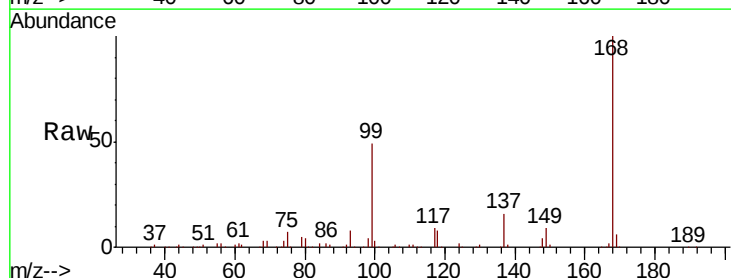
Tgt Ion: 117 Resp: 76191

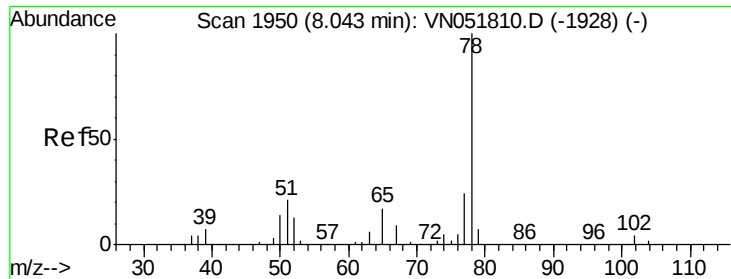
Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

121 0.0 24.6 36.8#





#40

Benzene

Concen: 0.692 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

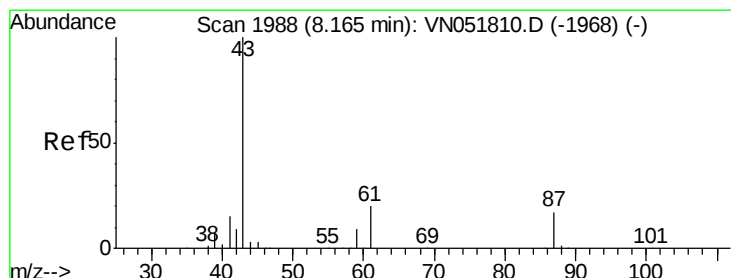
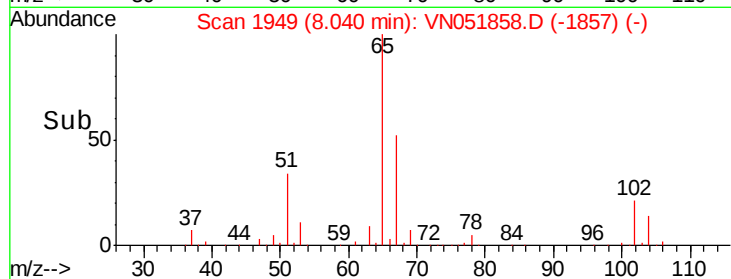
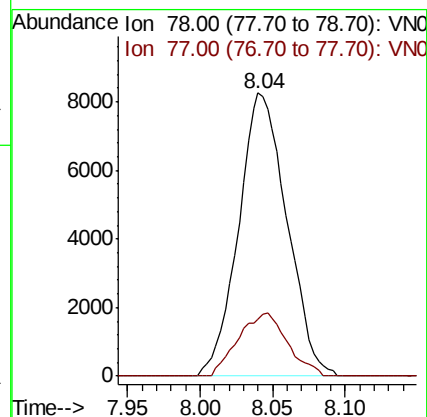
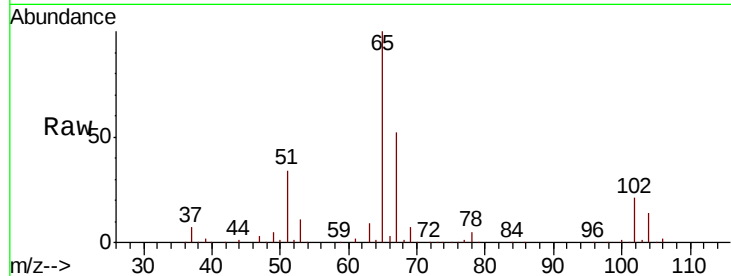
PH-SOIL

Tot Ion: 78 Resp: 19107

Ion Ratio Lower Upper

78 100

77 20.1 19.0 28.4



#43

Isopropyl Acetate

Concen: 29.673 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

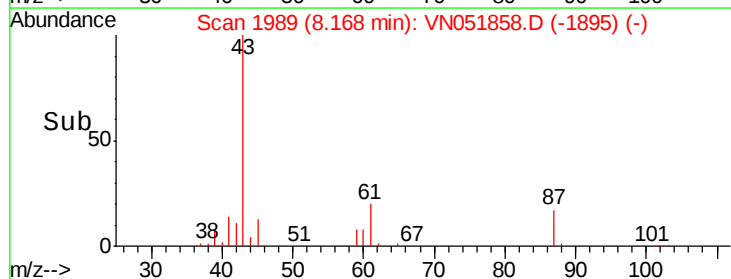
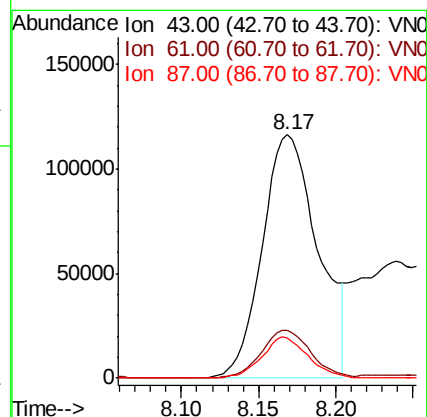
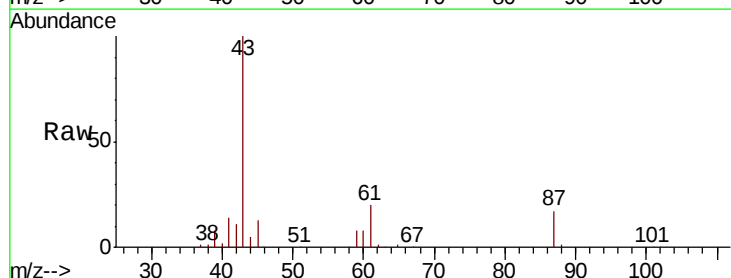
Tgt Ion: 43 Resp: 293122

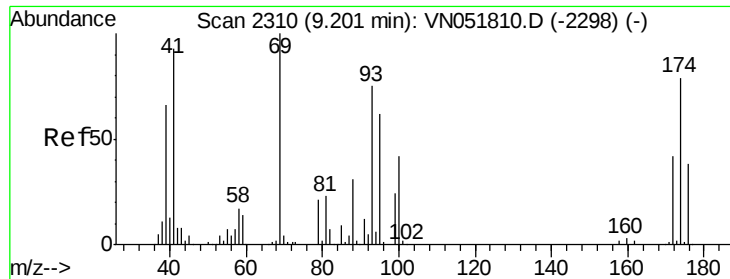
Ion Ratio Lower Upper

43 100

61 17.6 17.5 26.3

87 14.2 11.3 16.9

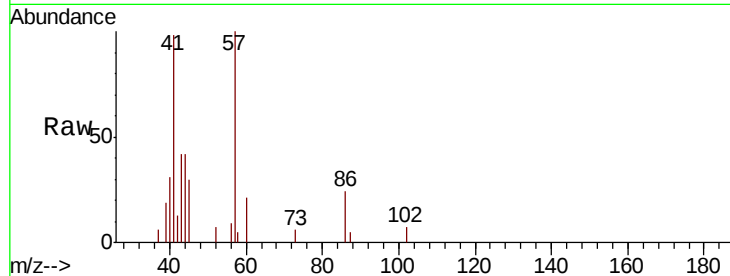




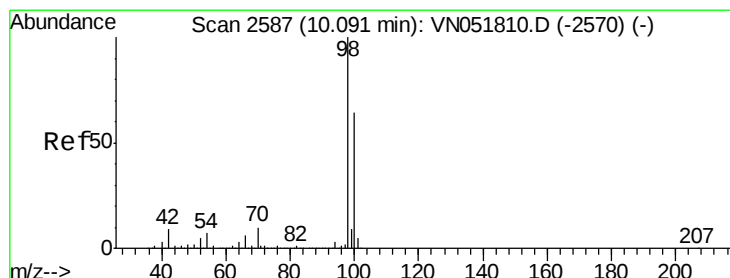
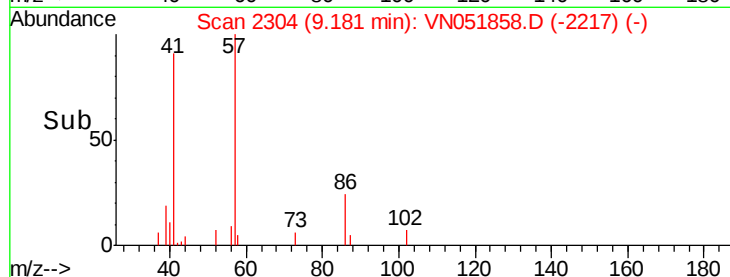
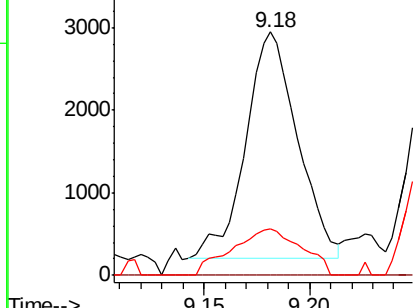
#48
Methyl methacrylate
Concen: 1.069 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

Instrument :
MSVOA_N
ClientSampleId :
PH-SOIL

Tot Ion: 41 Resp: 4678
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 27.7 42.2 63.2#

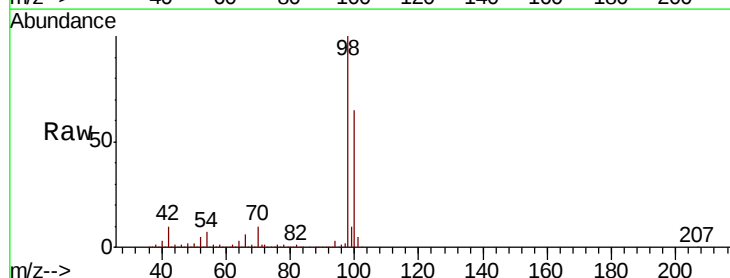


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

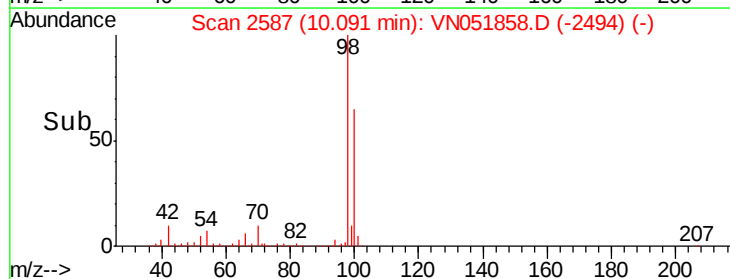
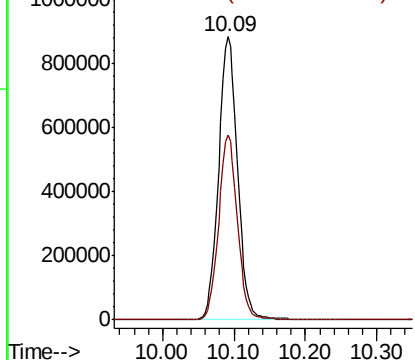


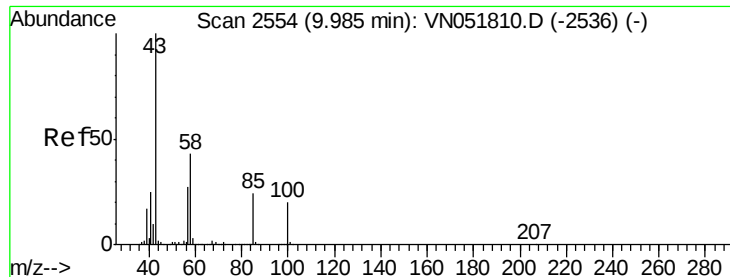
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

Tgt Ion: 98 Resp: 1626839
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.283 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampled :

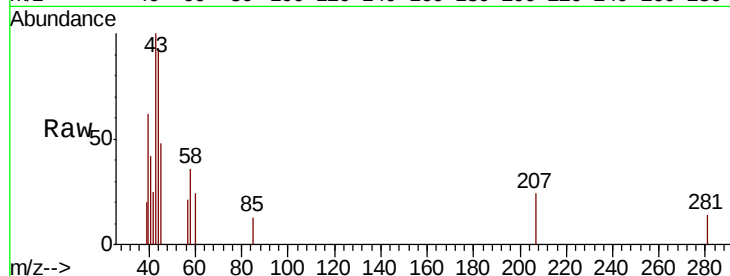
PH-SOIL

Tot Ion: 43 Resp: 1445

Ion Ratio Lower Upper

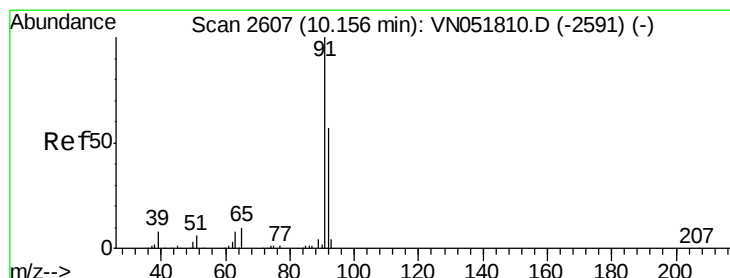
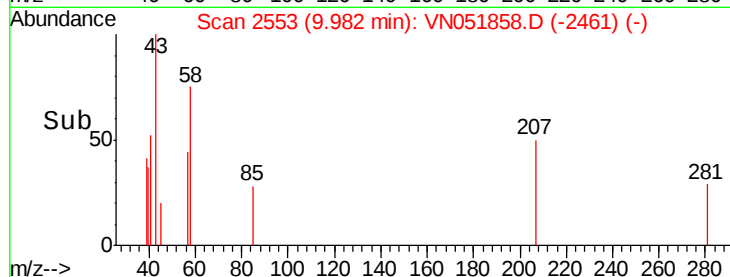
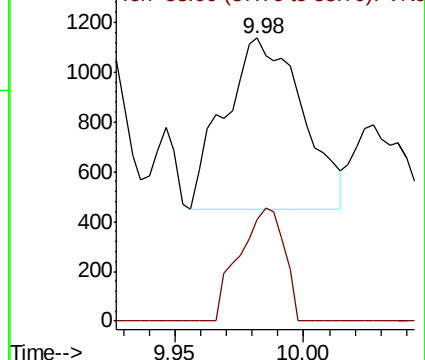
43 100

58 38.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.461 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051858.D

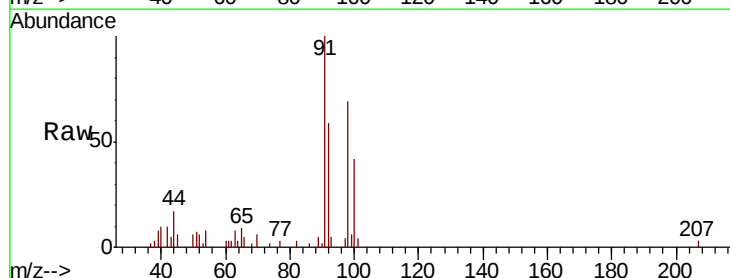
Acq: 13 Oct 2018 2:30

Tgt Ion: 92 Resp: 8541

Ion Ratio Lower Upper

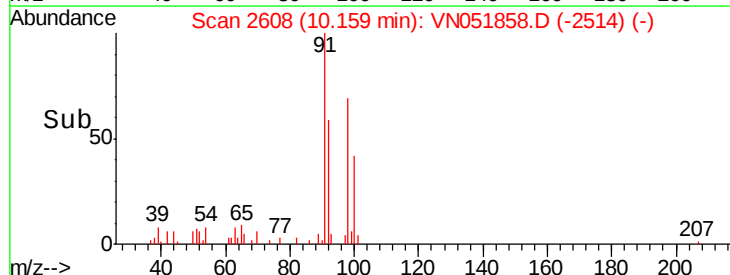
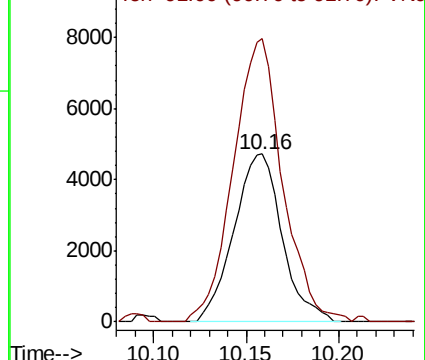
92 100

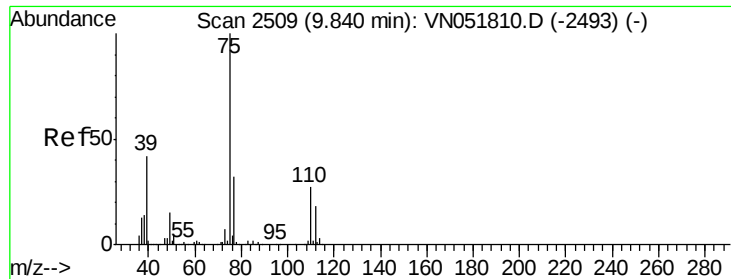
91 172.6 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 0.201 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

PH-SOIL

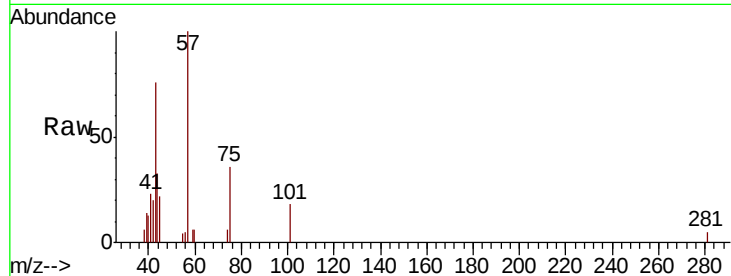
Tot Ion: 75 Resp: 2200

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

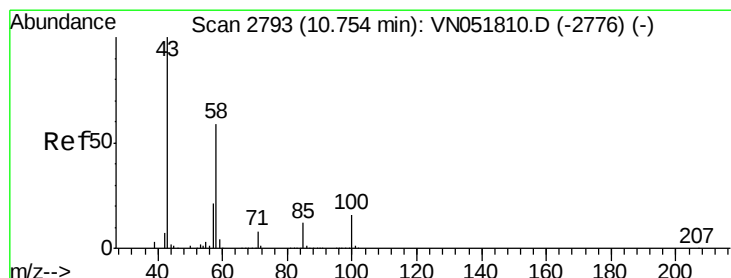
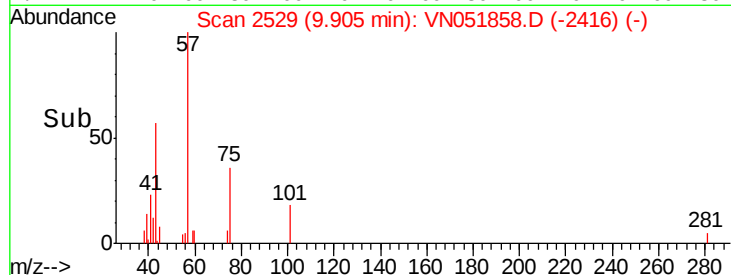
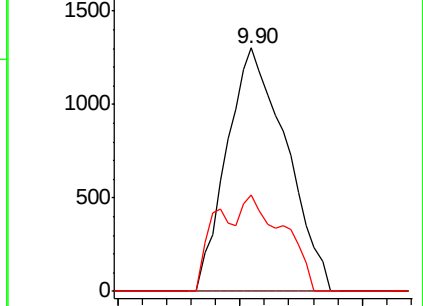
39 39.6 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 2.567 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051858.D

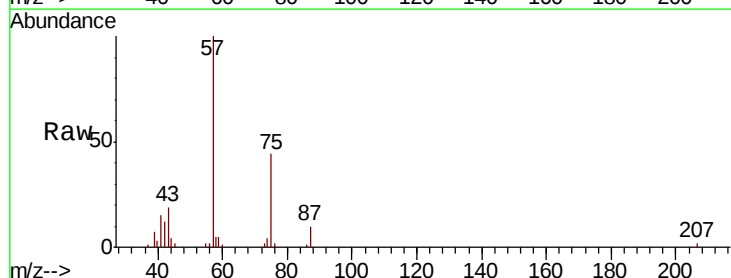
Acq: 13 Oct 2018 2:30

Tgt Ion: 43 Resp: 9197

Ion Ratio Lower Upper

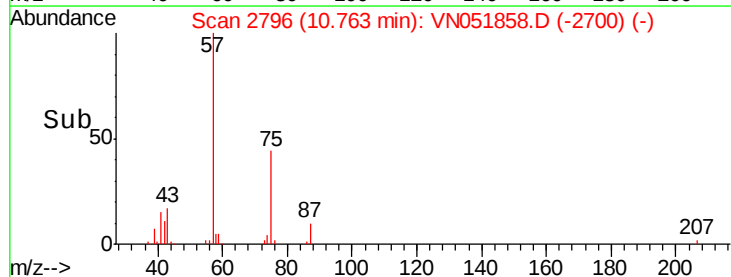
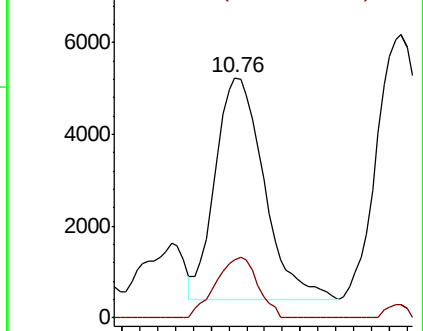
43 100

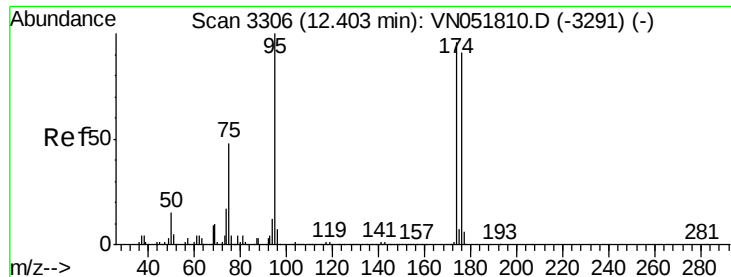
58 23.5 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampled :

PH-SOIL

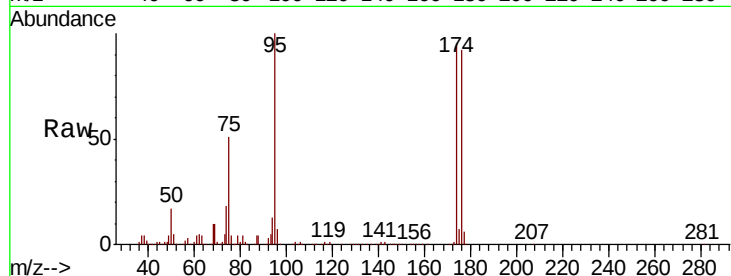
Tot Ion: 95 Resp: 479042

Ion Ratio Lower Upper

95 100

174 95.7 0.0 183.0

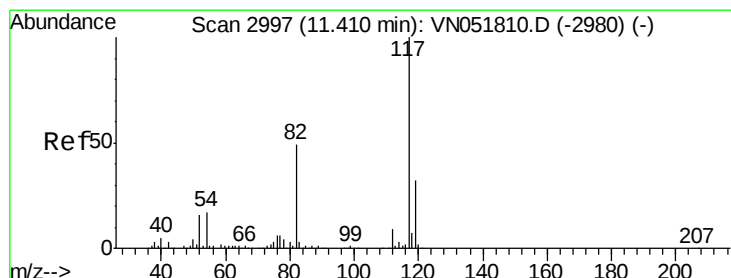
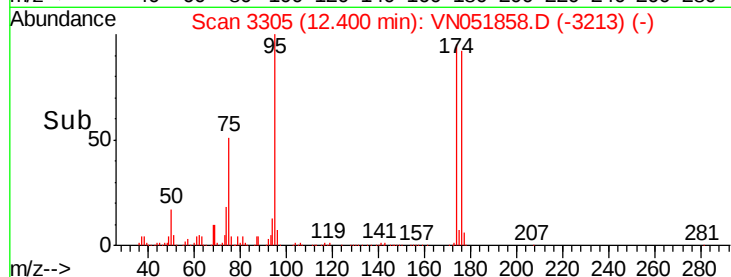
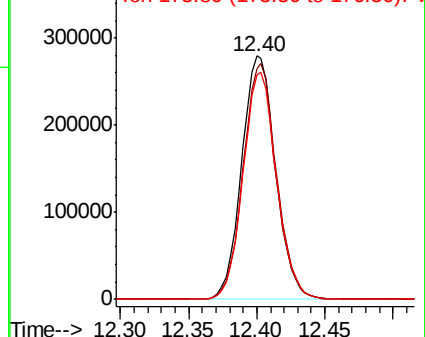
176 92.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN051810.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051810.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051810.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

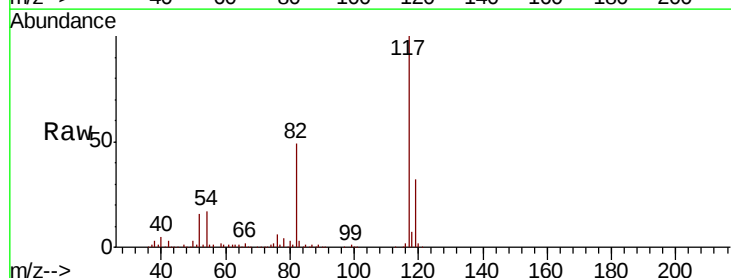
Tgt Ion: 117 Resp: 1049366

Ion Ratio Lower Upper

117 100

82 49.3 42.6 64.0

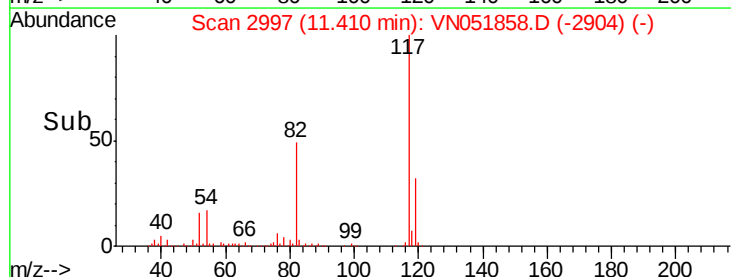
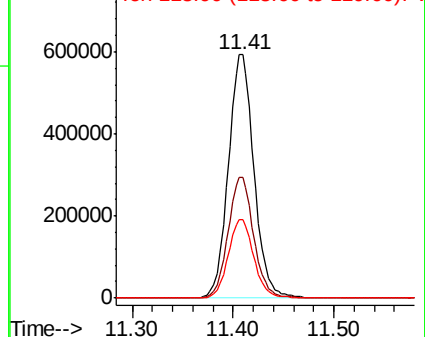
119 32.0 25.8 38.6

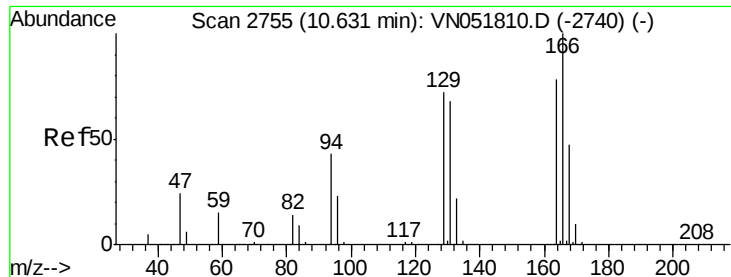


Abundance Ion 116.90 (116.60 to 117.60): VN051810.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051810.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051810.D (-2980) (-)

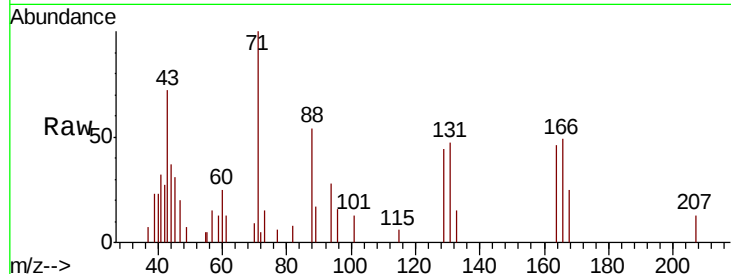




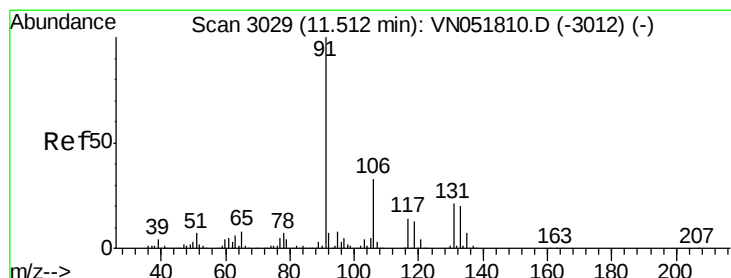
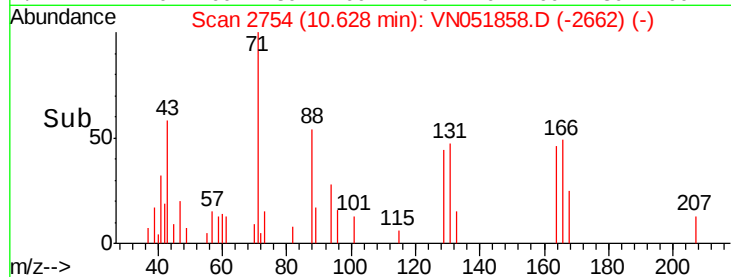
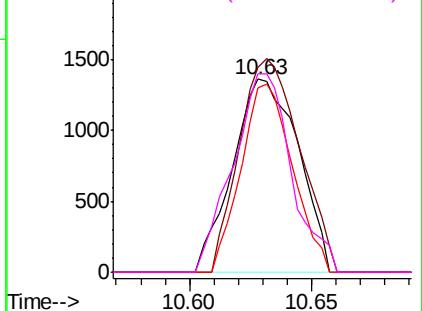
#64
Tetrachloroethene
Concen: 0.315 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

Instrument :
MSVOA_N
ClientSampleId :
PH-SOIL

Tot Ion:164 Resp: 2538
Ion Ratio Lower Upper
164 100
166 105.9 103.5 155.3
129 95.3 72.7 109.1
131 102.6 69.5 104.3

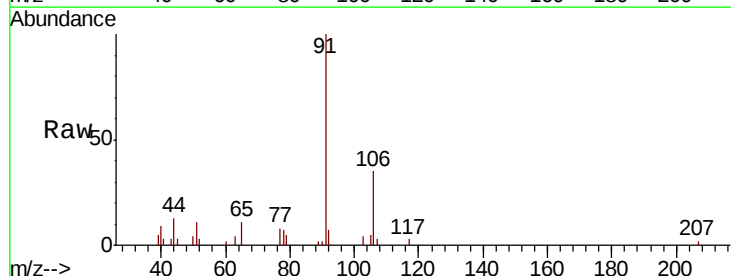


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

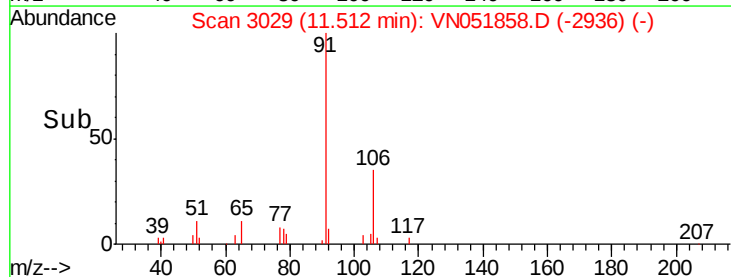
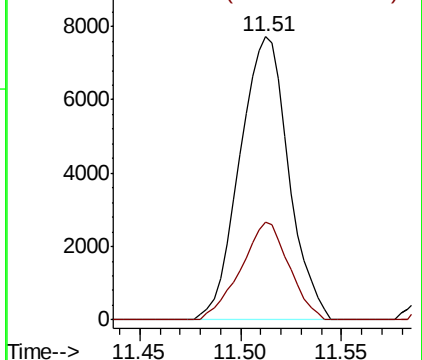


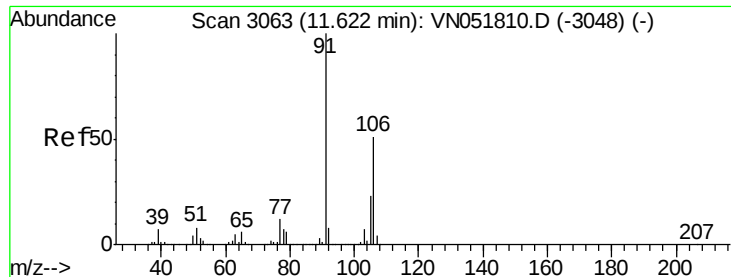
#67
Ethyl Benzene
Concen: 0.373 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

Tgt Ion: 91 Resp: 13113
Ion Ratio Lower Upper
91 100
106 34.6 25.0 37.4



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

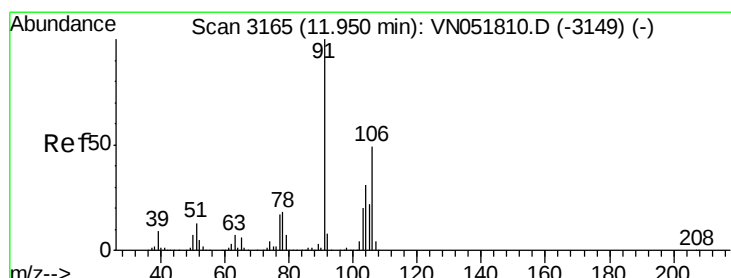
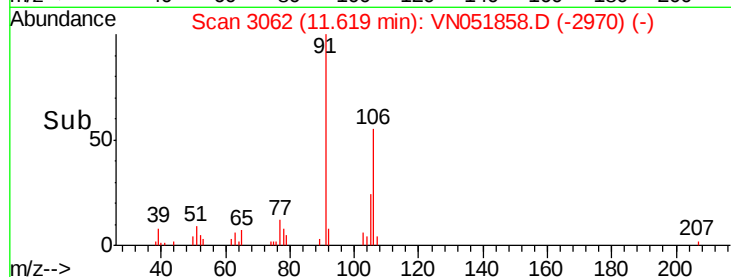
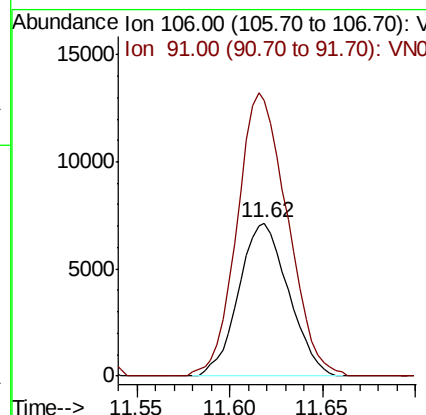
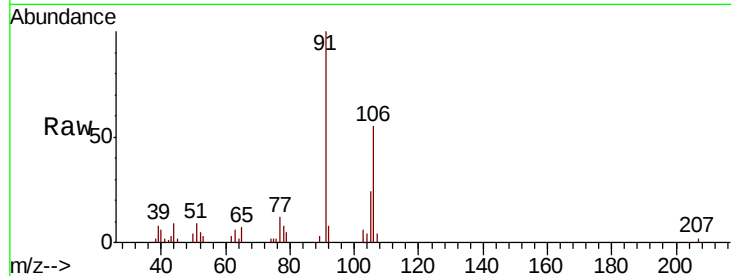




#68
m/p-Xylenes
Concen: 0.943 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

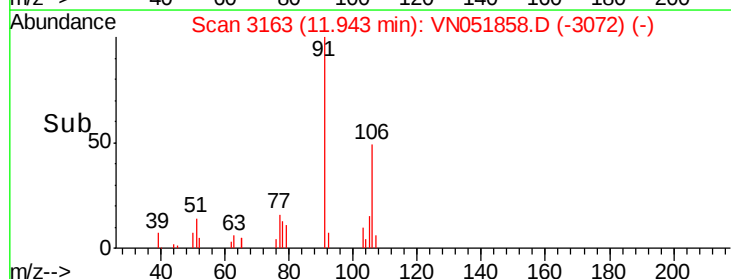
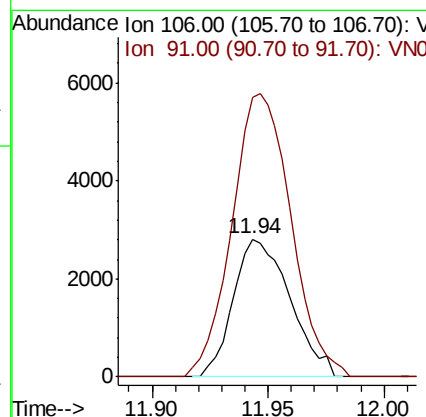
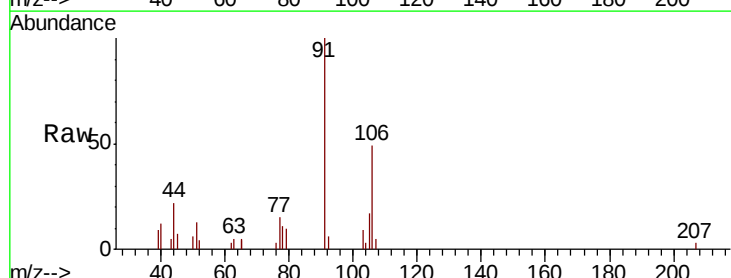
Instrument :
MSVOA_N
ClientSampled :
PH-SOIL

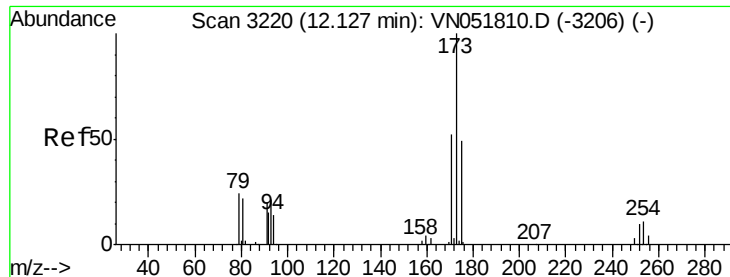
Tot Ion:106 Resp: 13382
Ion Ratio Lower Upper
106 100
91 186.5 161.0 241.6



#69
o-Xylene
Concen: 0.346 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.01 min
Lab File: VN051858.D
Acq: 13 Oct 2018 2:30

Tgt Ion:106 Resp: 4768
Ion Ratio Lower Upper
106 100
91 214.3 106.5 319.5





#71

Bromoform

Concen: 4.113 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampled :

PH-SOIL

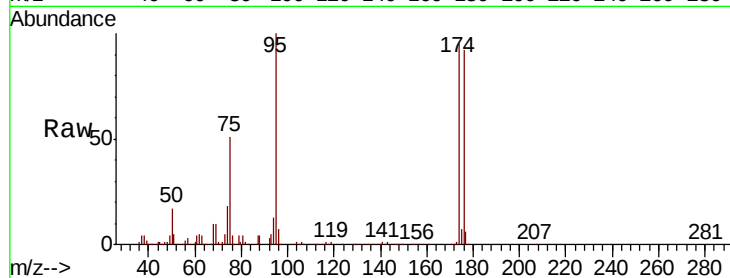
Tot Ion:173 Resp: 3666

Ion Ratio Lower Upper

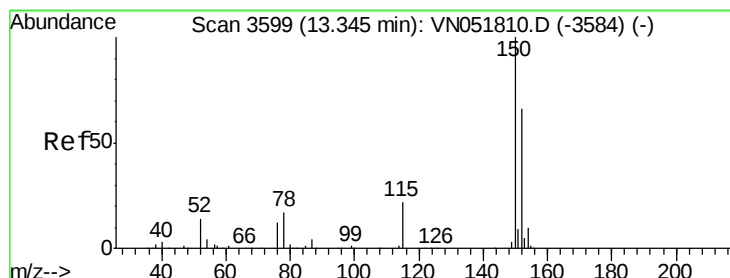
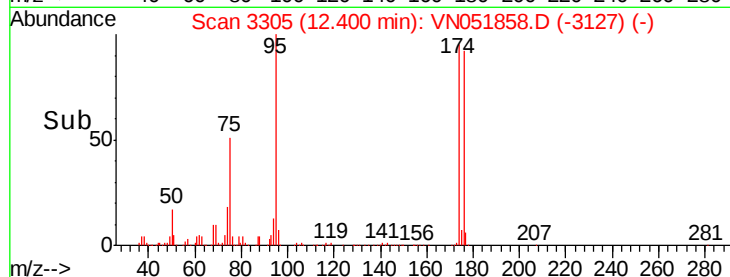
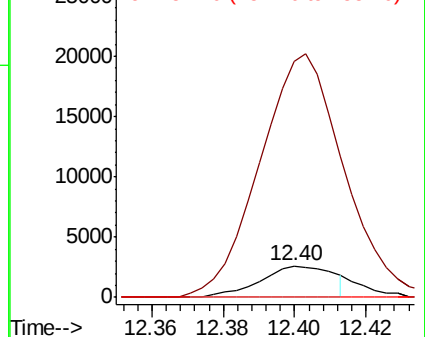
173 100

175 772.4 24.4 73.4#

254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

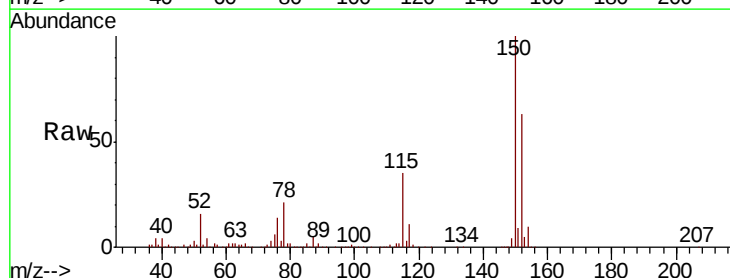
Tgt Ion:152 Resp: 400746

Ion Ratio Lower Upper

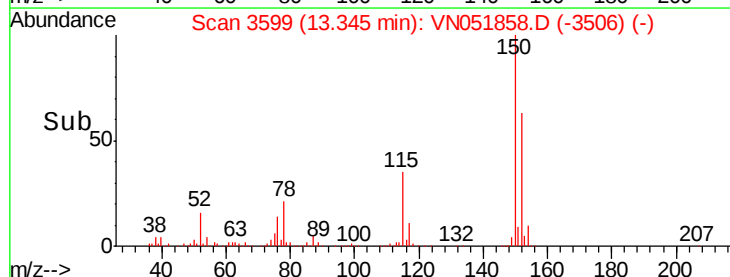
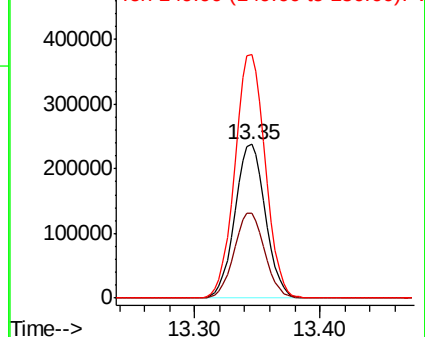
152 100

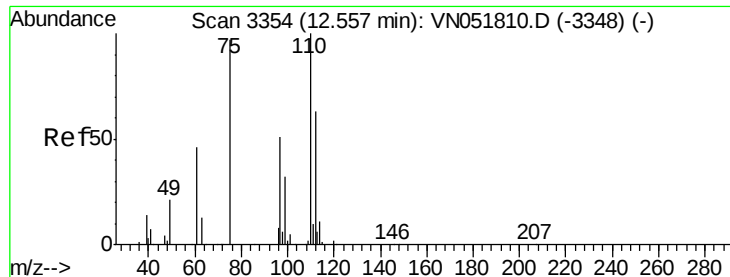
115 55.4 27.8 83.4

150 158.1 0.0 351.4



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





#76

1,2,3-Trichloropropane

Concen: 49.599 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.16 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

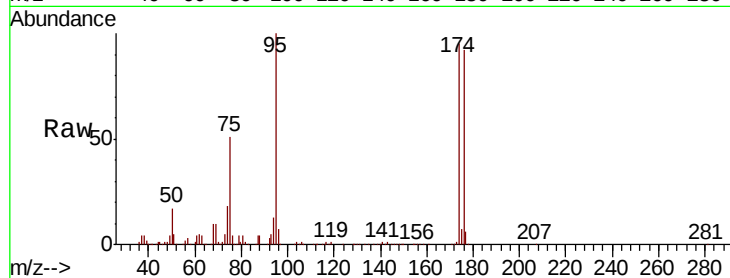
PH-SOIL

Tot Ion: 75 Resp: 245254

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

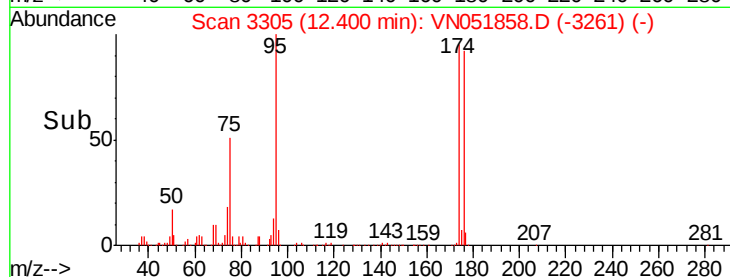
150000

100000

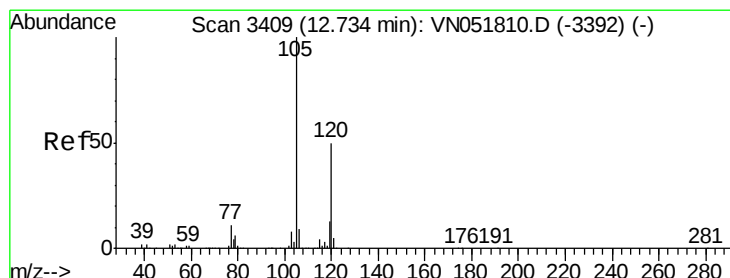
50000

0

12.30 12.40 12.50



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.227 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051858.D

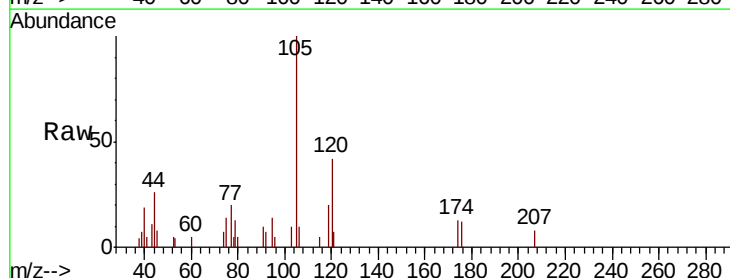
Acq: 13 Oct 2018 2:30

Tgt Ion: 105 Resp: 5700

Ion Ratio Lower Upper

105 100

120 50.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

4000

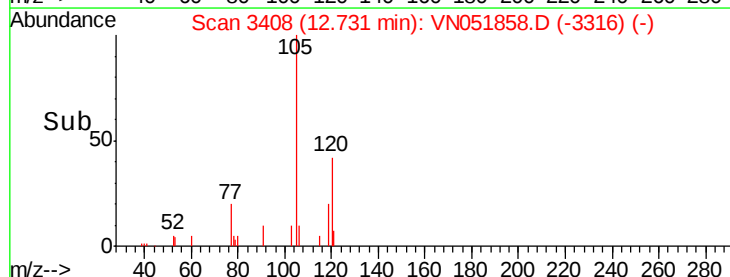
3000

2000

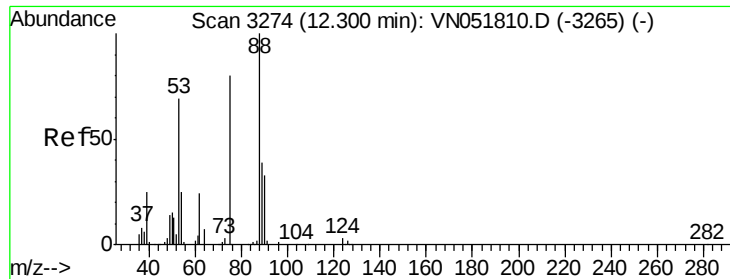
1000

0

12.70 12.75



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 140.930 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

PH-SOIL

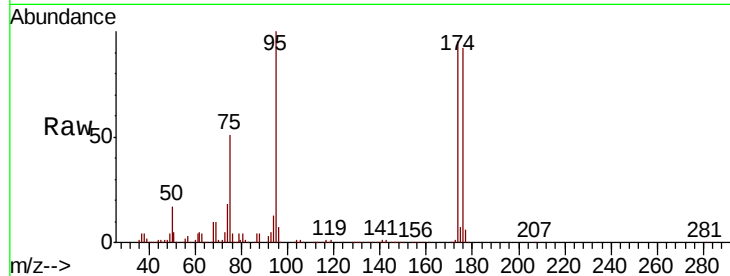
Tot Ion: 75 Resp: 245254

Ion Ratio Lower Upper

75 100

53 0.0 68.9 103.3#

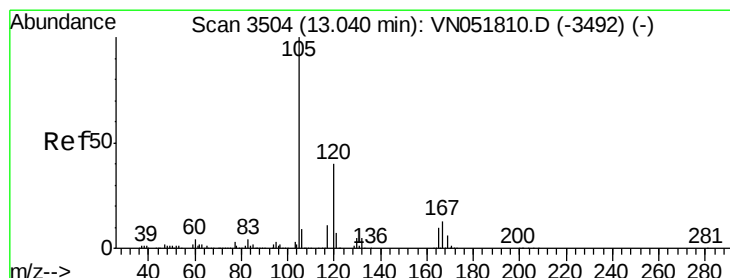
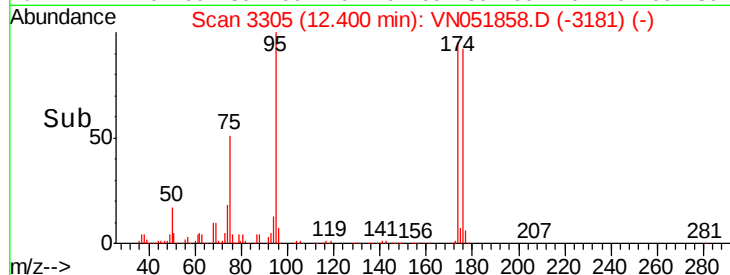
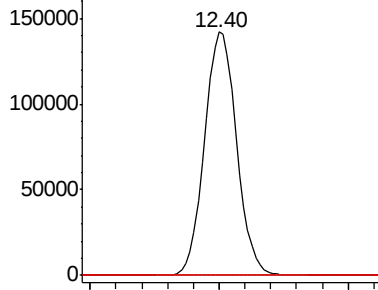
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.529 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051858.D

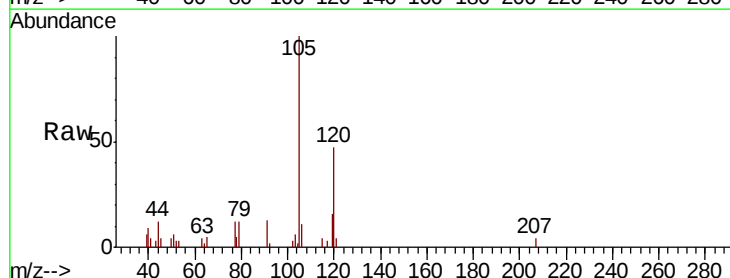
Acq: 13 Oct 2018 2:30

Tgt Ion: 105 Resp: 13249

Ion Ratio Lower Upper

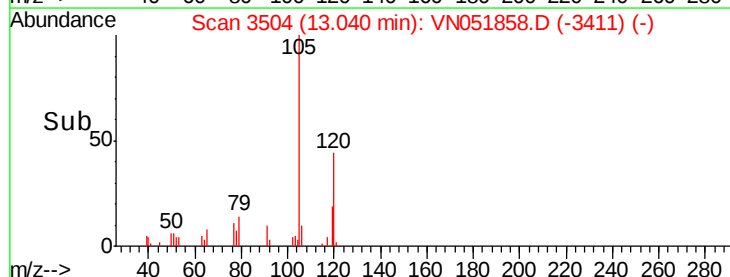
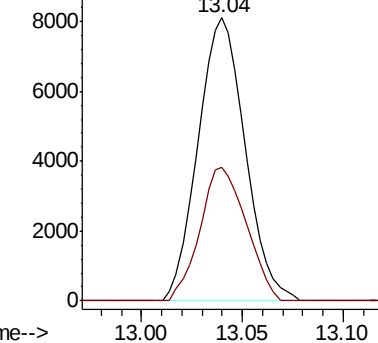
105 100

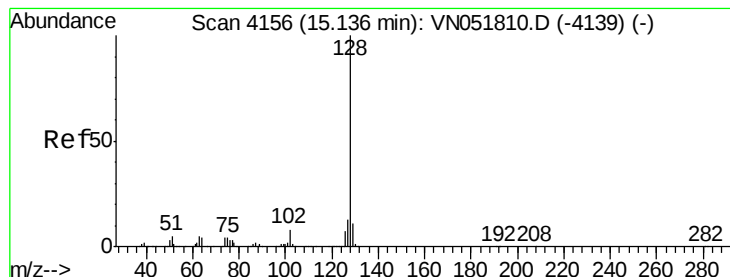
120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.861 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051858.D

Acq: 13 Oct 2018 2:30

Instrument :

MSVOA_N

ClientSampleId :

PH-SOIL

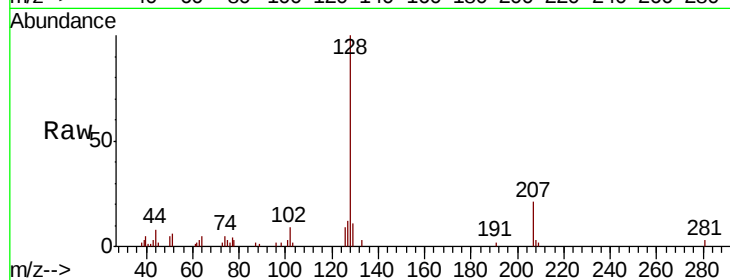
Tot Ion:128 Resp: 23715

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.0 8.7 13.1



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

