

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052772.D
 Acq On : 11 Dec 2018 00:57
 Operator : MD\SY
 Sample : J6309-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-SOIL

Quant Time: Dec 11 03:14:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1225064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1888760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1694770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	722852	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	634918	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
35) Dibromofluoromethane	7.59	113	538166	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
50) Toluene-d8	10.09	98	2319539	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	770171	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	

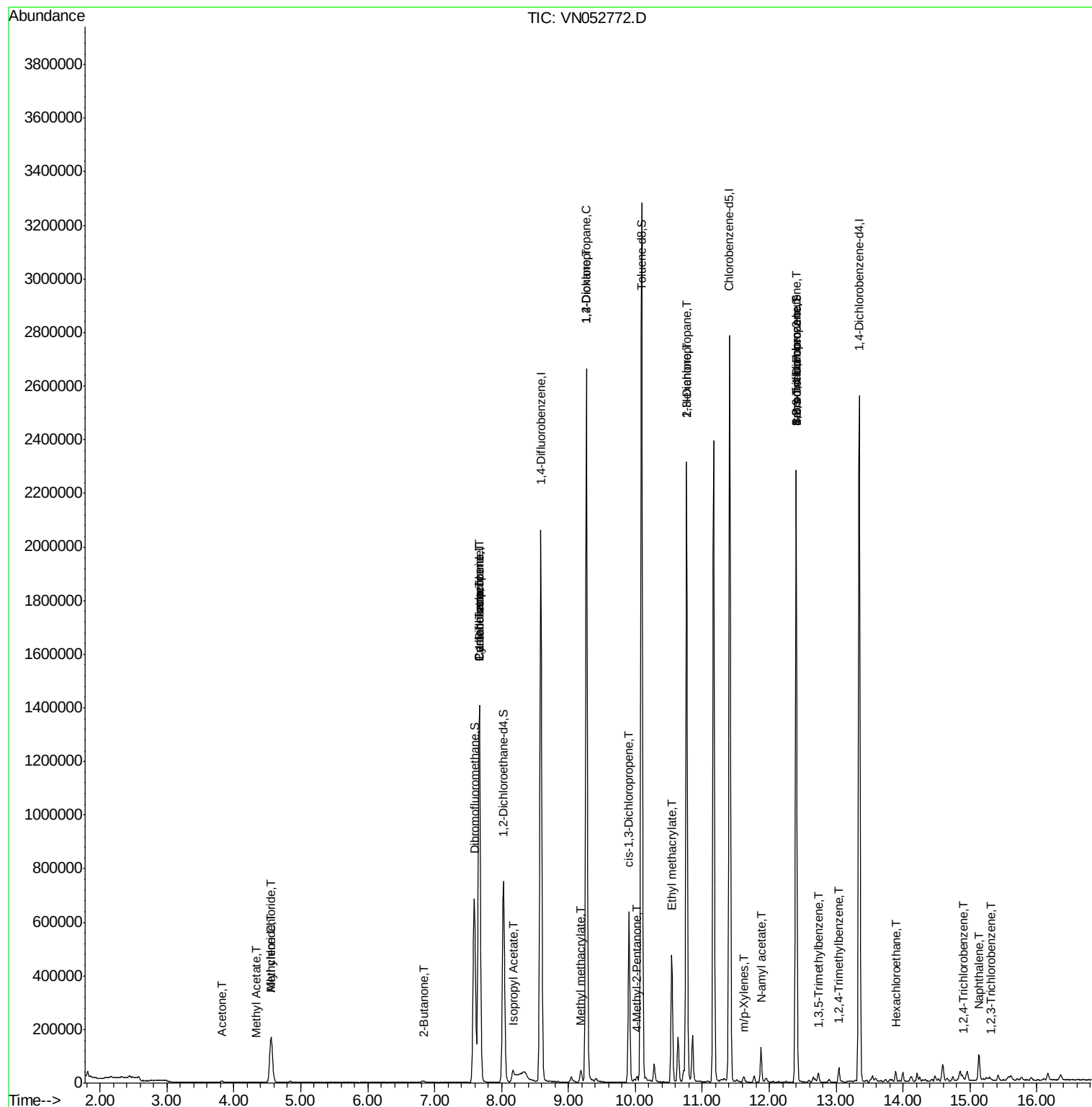
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	4873	0.246	ug/l #	27
16) Acetone	3.82	43	10463	2.974	ug/l	98
18) Methyl Acetate	4.34	43	3047	0.302	ug/l #	73
20) Methylene Chloride	4.56	84	130670	9.491	ug/l	97
25) 2-Butanone	6.85	43	2507	0.503	ug/l #	80
31) Cyclohexane	7.67	56	20846	0.547	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	86130	4.829	ug/l #	49
38) Carbon Tetrachloride	7.67	117	108011	6.689	ug/l #	16
43) Isopropyl Acetate	8.17	43	57604	3.127	ug/l #	79
45) 1,2-Dichloropropane	9.27	63	3412	0.241	ug/l #	43
48) Methyl methacrylate	9.18	41	16005	1.666	ug/l #	13
49) 1,4-Dioxane	9.26	88	314	3.150	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	18342	1.775	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	116747	5.954	ug/l #	61
56) Ethyl methacrylate	10.54	69	1465	2.783	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	23837	1.215	ug/l #	43
59) 2-Hexanone	10.76	43	335630	48.385	ug/l #	51
68) m/p-Xylenes	11.62	106	7069	0.310	ug/l	95
71) Bromoform	12.40	173	4456	0.554	ug/l #	1
74) N-amyl acetate	11.88	43	39580	2.762	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	369283	33.129	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	17390	0.384	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	369283	110.636	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	30548	0.674	ug/l	98
90) Hexachloroethane	13.89	117	2234	0.282	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	1163	2.915	ug/l	90
95) Naphthalene	15.13	128	87036	6.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	803	2.791	ug/l #	1

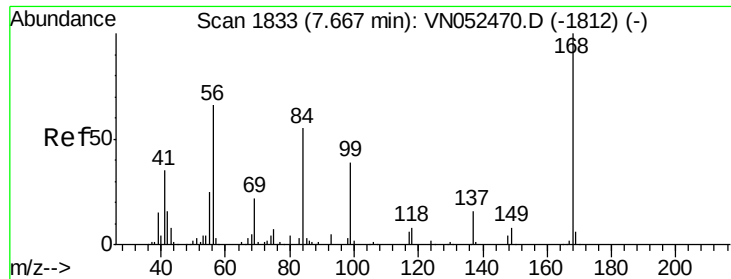
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 03 03:24:02 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: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

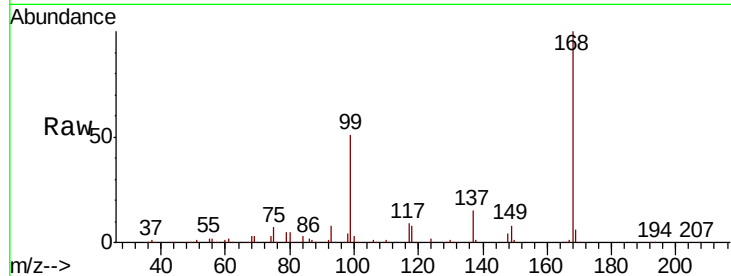
WC-20181207-SOIL

Tot Ion:168 Resp: 1225064

Ion Ratio Lower Upper

168 100

99 50.5 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

100000

0

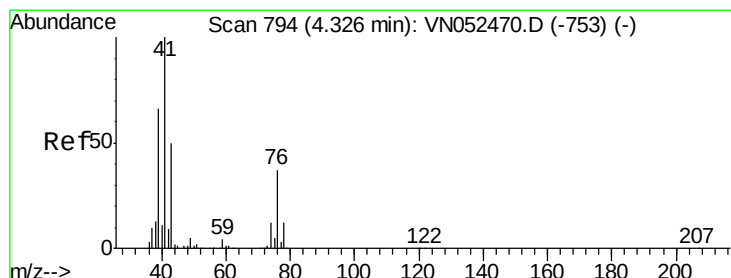
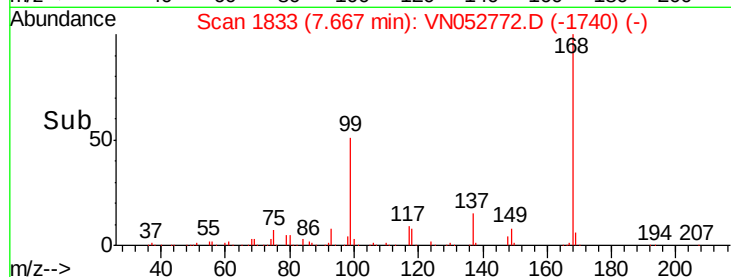
7.67

7.60

7.70

7.80

Time-->



#14

Allyl chloride

Concen: 0.246 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

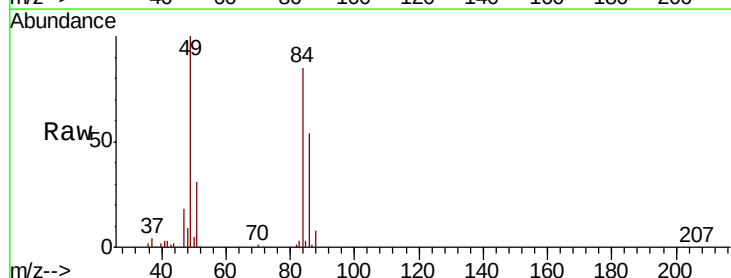
Tgt Ion: 41 Resp: 4873

Ion Ratio Lower Upper

41 100

39 0.7 50.6 76.0#

76 0.0 27.4 41.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

2000

1500

1000

500

0

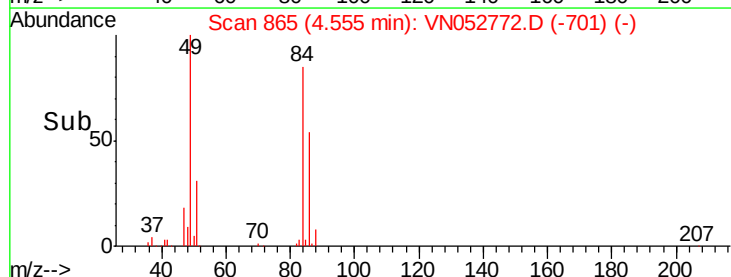
4.55

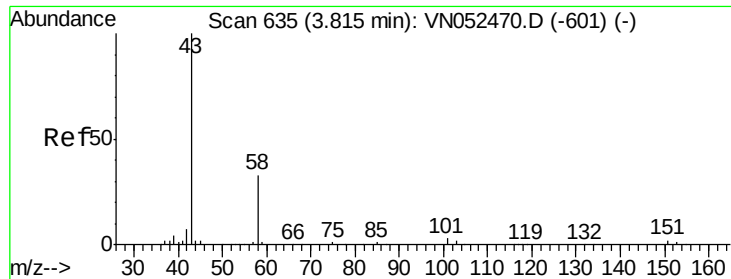
4.50

4.60

4.65

Time-->





#16

Acetone

Concen: 2.974 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

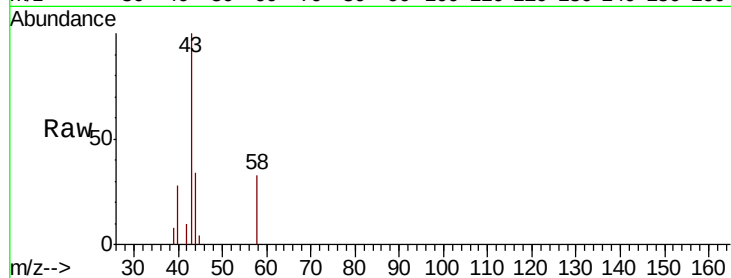
WC-20181207-SOIL

Tot Ion: 43 Resp: 10463

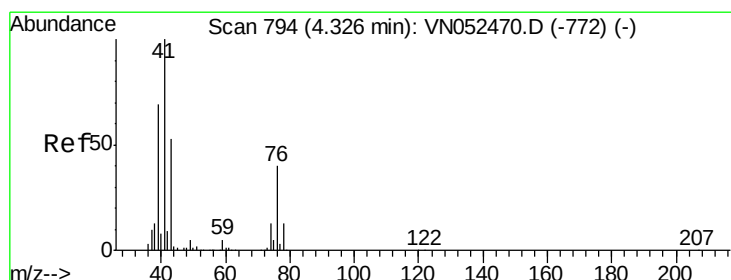
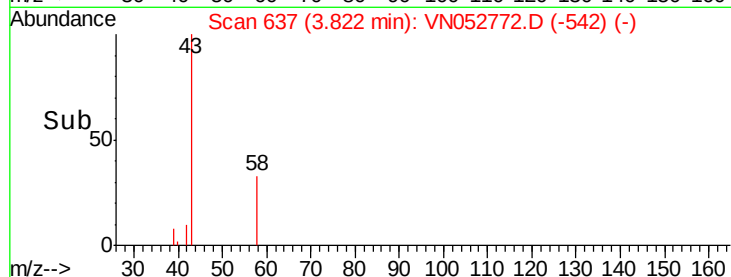
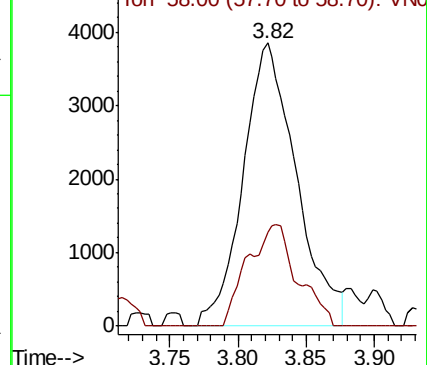
Ion Ratio Lower Upper

43 100

58 33.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052772.D (-542) (-)



#18

Methyl Acetate

Concen: 0.302 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN052772.D

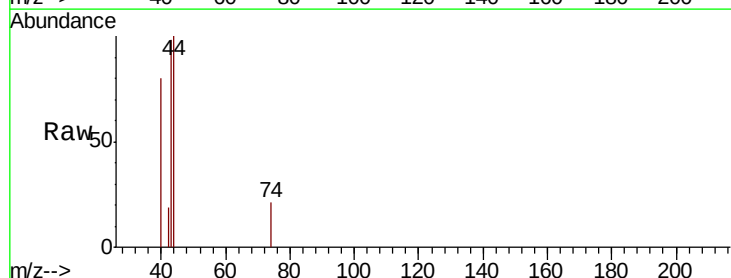
Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 3047

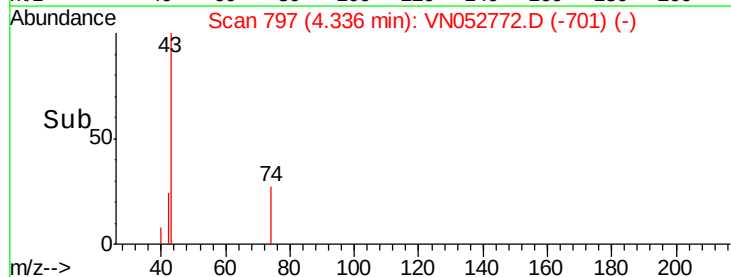
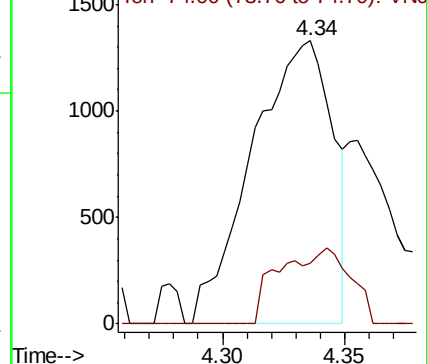
Ion Ratio Lower Upper

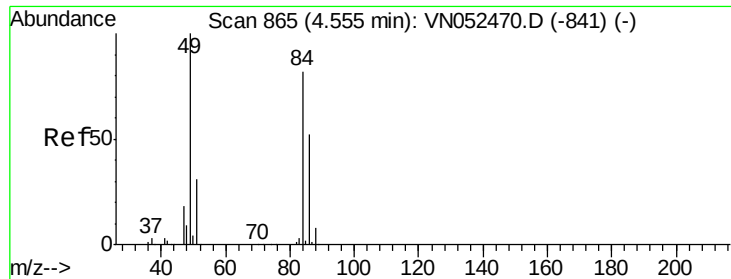
43 100

74 10.0 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052772.D (-701) (-)

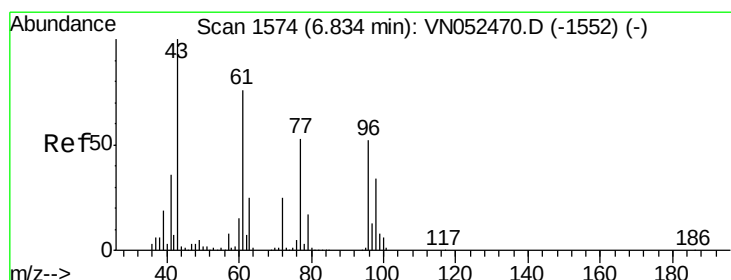
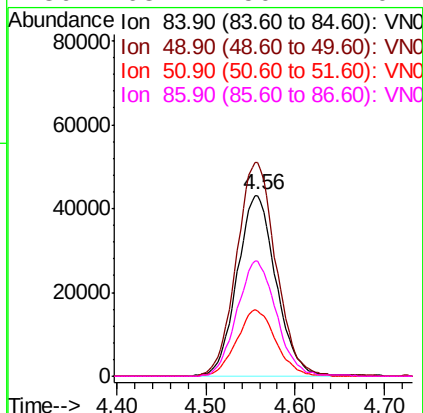
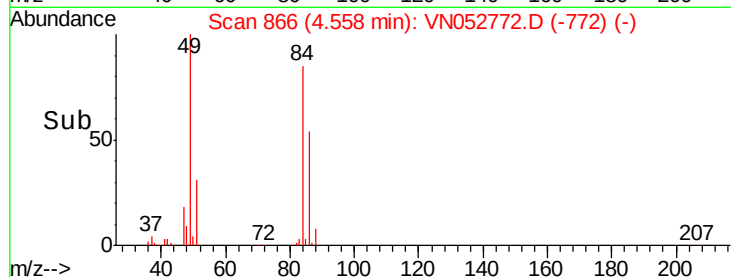
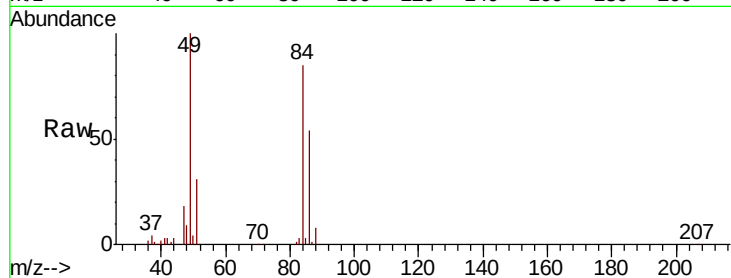




#20
Methvlene Chloride
Concen: 9.491 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

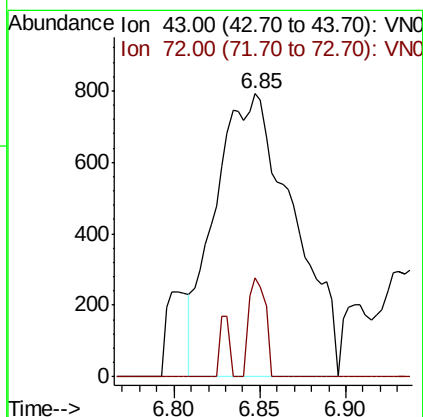
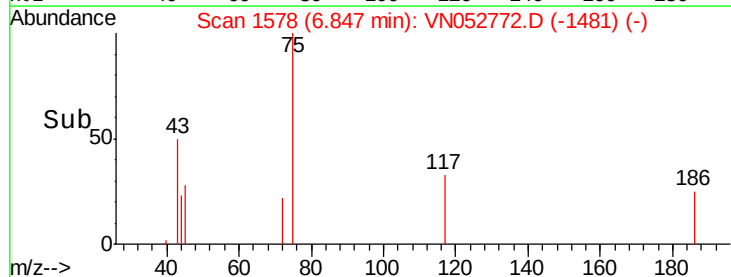
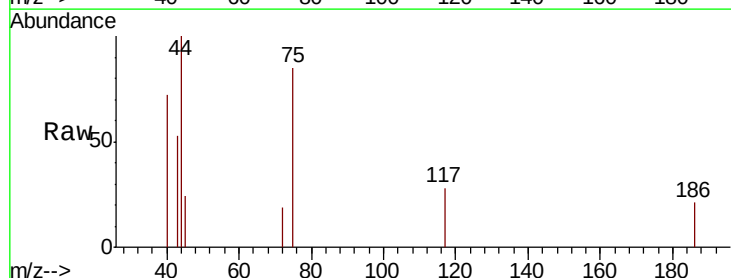
Instrument :
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WC-20181207-SOIL

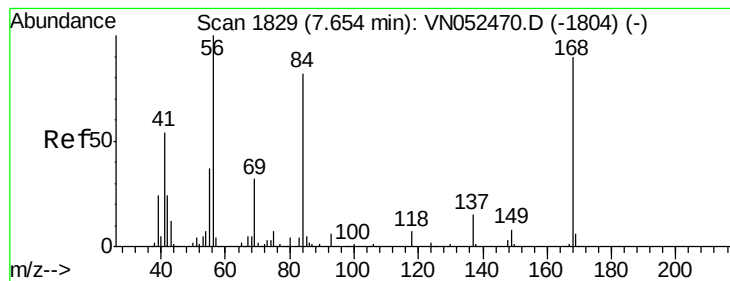
Tot Ion: 84 Resp: 130670
Ion Ratio Lower Upper
84 100
49 118.0 98.0 147.0
51 36.2 30.1 45.1
86 63.4 50.7 76.1



#25
2-Butanone
Concen: 0.503 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 2507
Ion Ratio Lower Upper
43 100
72 35.0 20.1 30.1#





#31

Cyclohexane

Concen: 0.547 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-SOIL

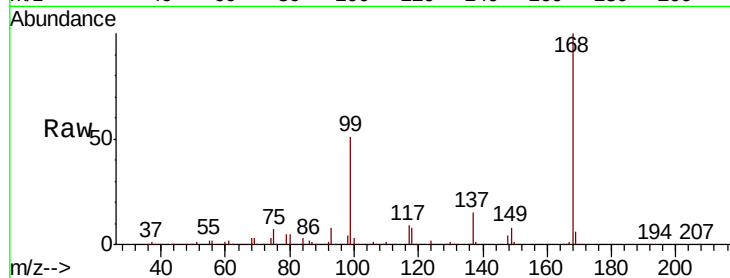
Tot Ion: 56 Resp: 20846

Ion Ratio Lower Upper

56 100

69 180.3 25.8 38.6#

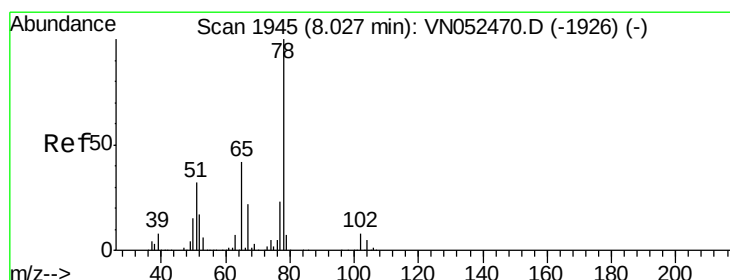
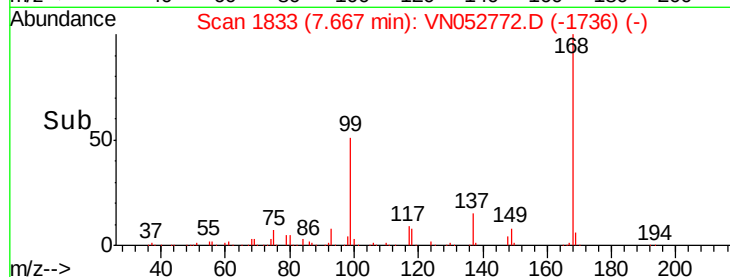
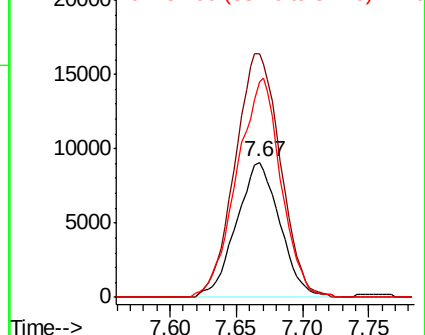
84 159.2 65.3 97.9#



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# 1945

Delta R.T. 0.00 min

Lab File: VN052772.D

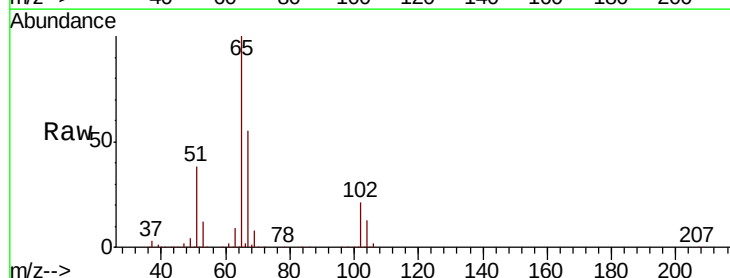
Acq: 11 Dec 2018 00:57

Tgt Ion: 65 Resp: 634918

Ion Ratio Lower Upper

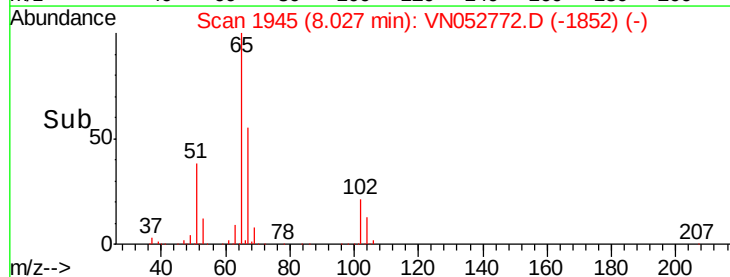
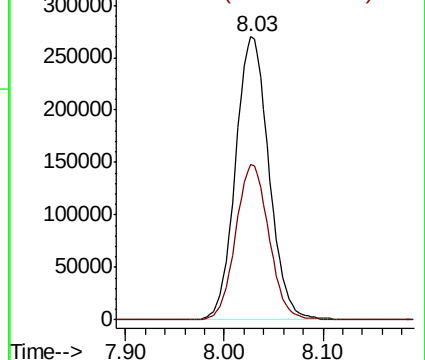
65 100

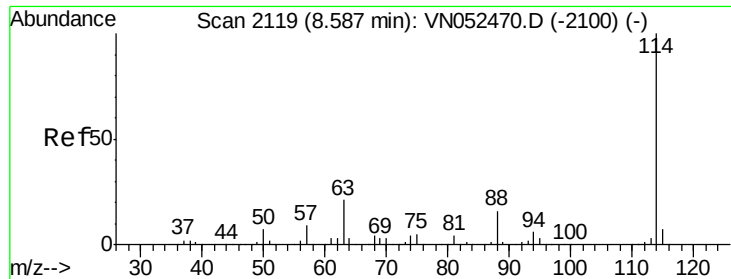
67 54.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

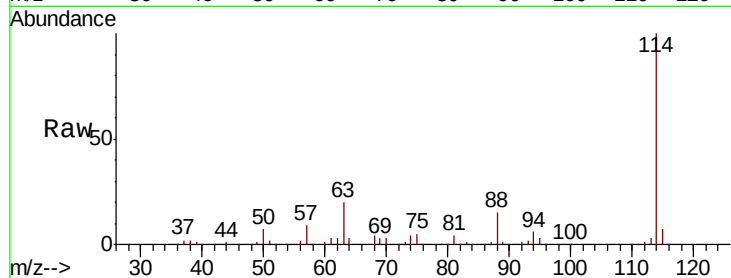




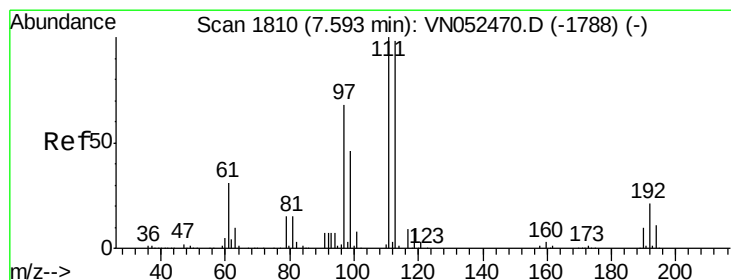
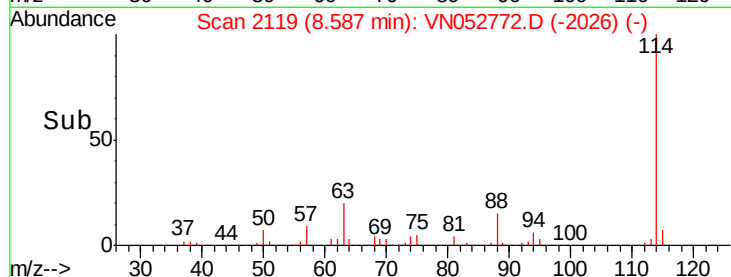
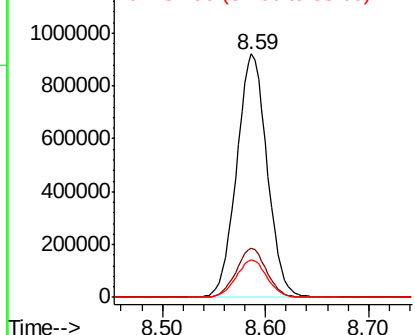
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-SOIL

Tot Ion:114 Resp: 1888760
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.4 0.0 31.6

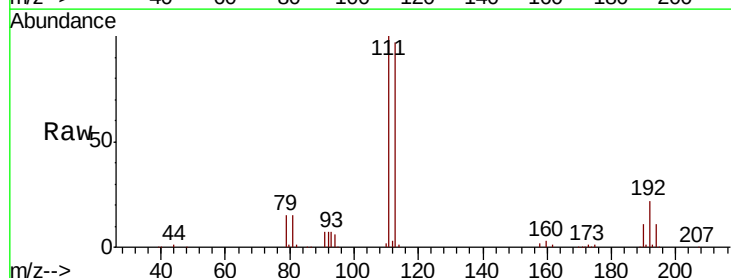


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

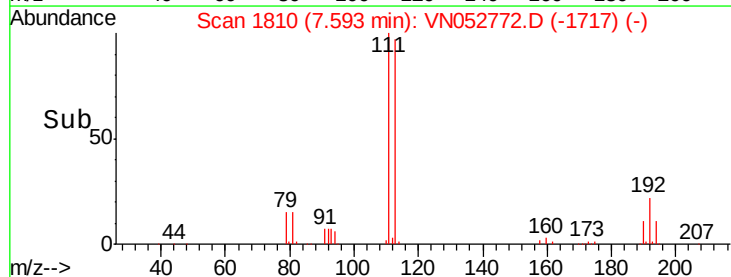
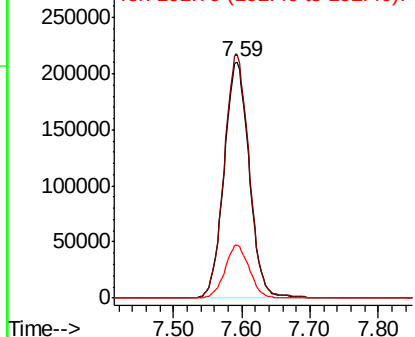


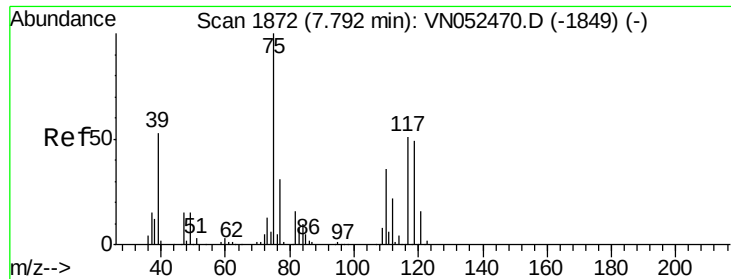
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

Tgt Ion:113 Resp: 538166
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 21.8 17.0 25.6



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

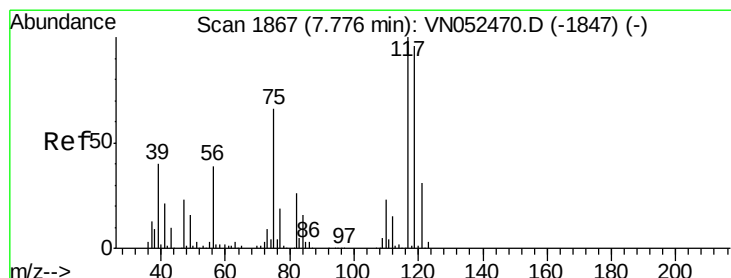
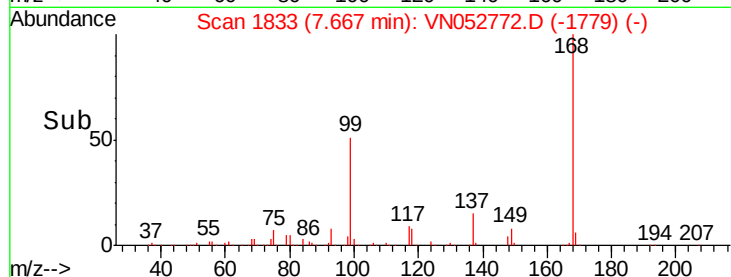
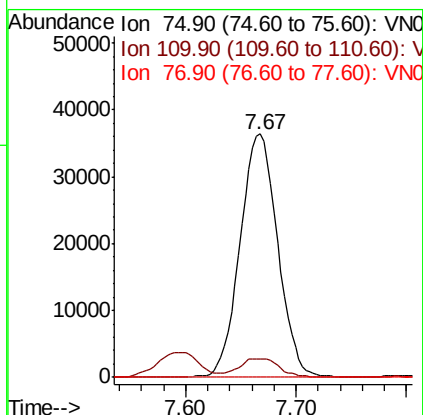
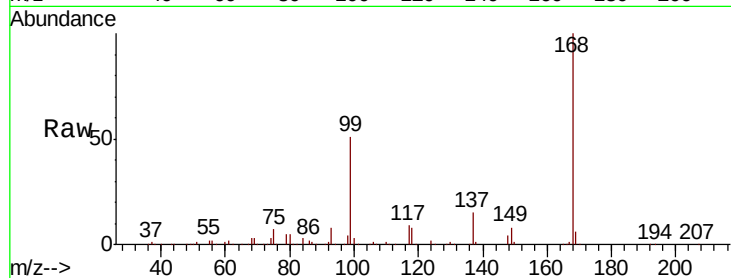




#36
 1,1-Dichloropropene
 Concen: 4.829 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

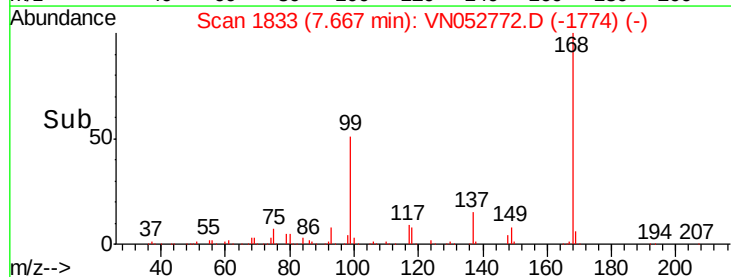
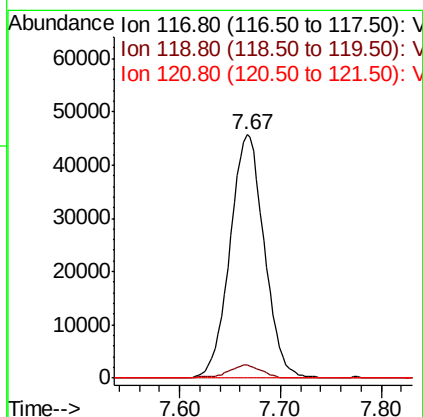
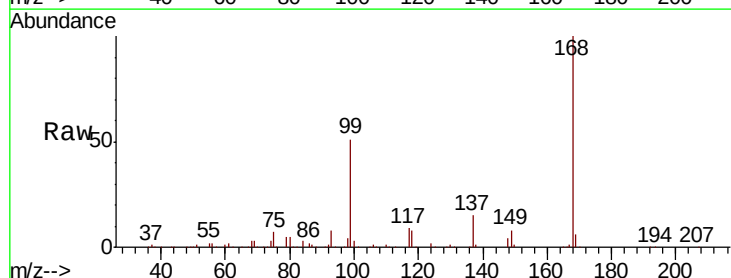
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-SOIL

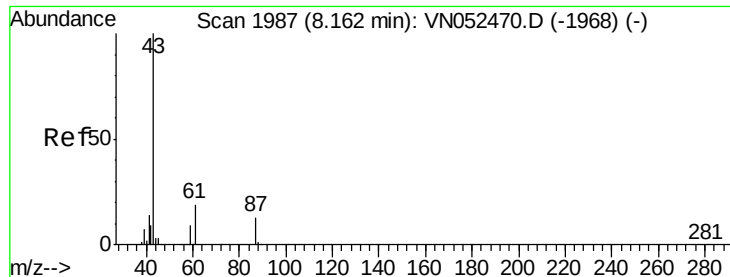
Tot Ion	75	Resp	86130
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	17.5	52.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.689 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

Tgt Ion	117	Resp	108011
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.4	76.8	115.2#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 3.127 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-SOIL

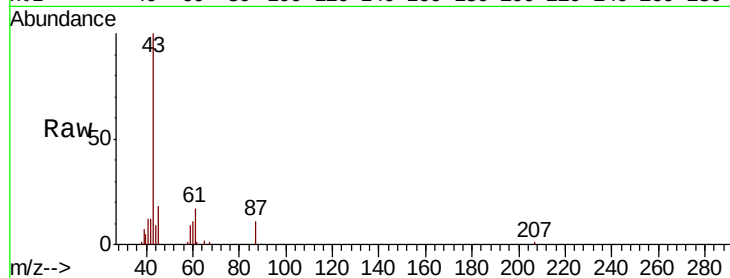
Tot Ion: 43 Resp: 57604

Ion Ratio Lower Upper

43 100

61 15.7 24.1 36.1#

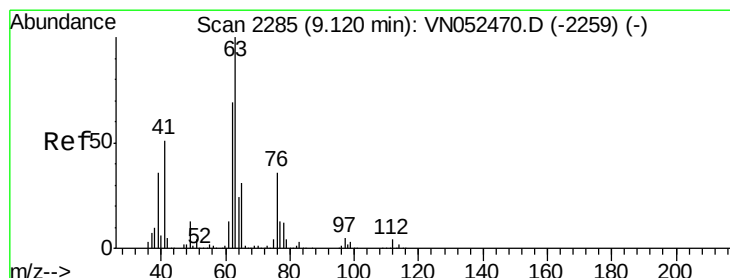
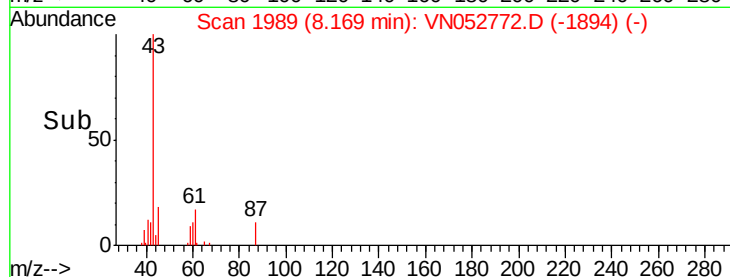
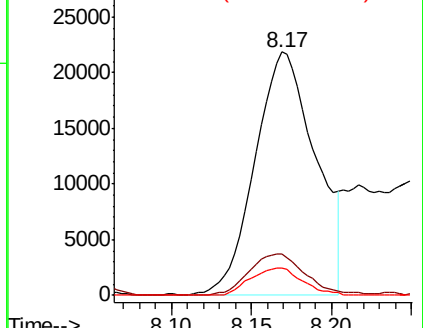
87 9.4 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.241 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN052772.D

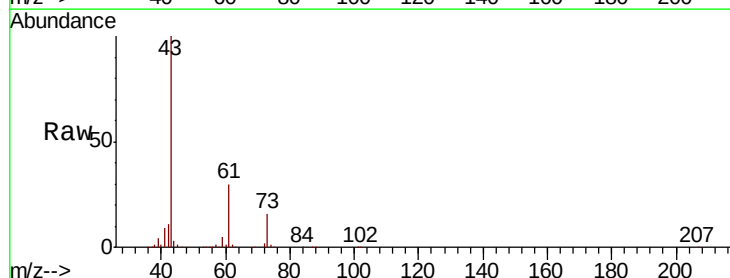
Acq: 11 Dec 2018 00:57

Tgt Ion: 63 Resp: 3412

Ion Ratio Lower Upper

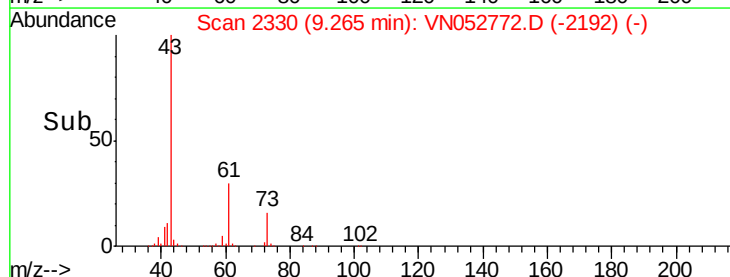
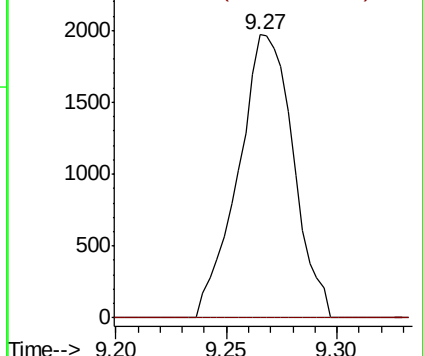
63 100

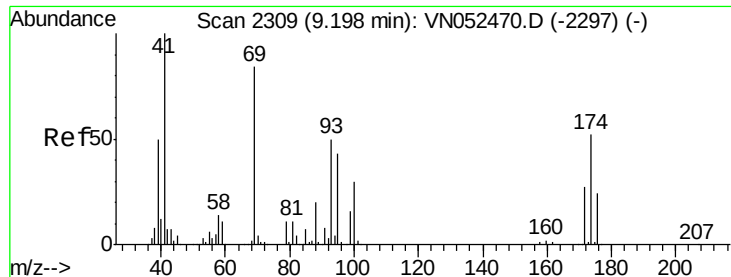
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN052470.D (-2259) (-)

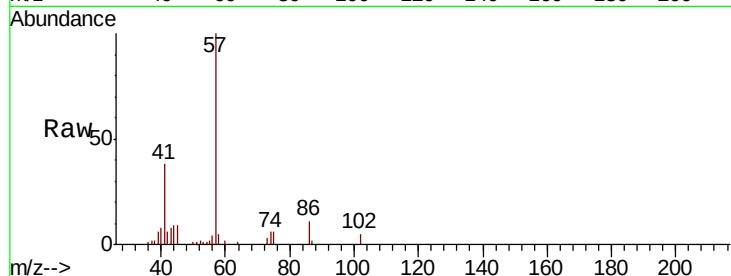




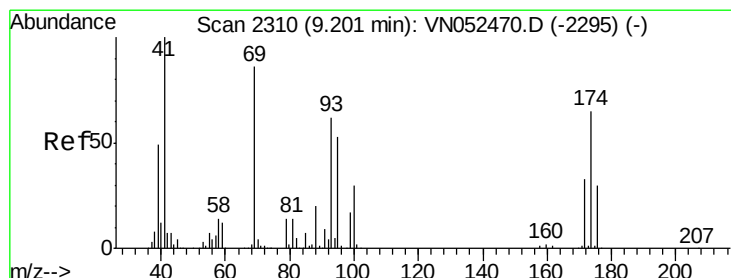
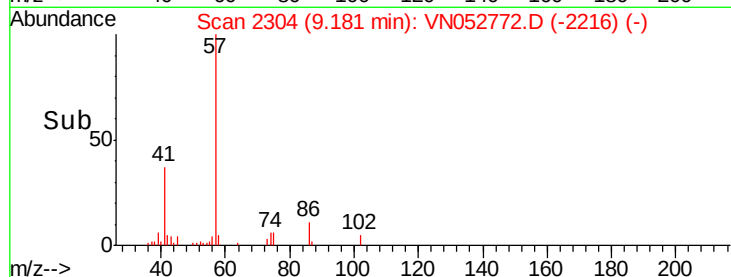
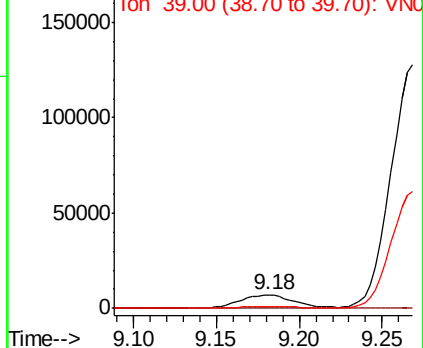
#48
Methvl methacrylate
Concen: 1.666 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_N
ClientSampleId :
WC-20181207-SOIL

Tot Ion: 41 Resp: 16005
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 0.0 42.6 64.0#

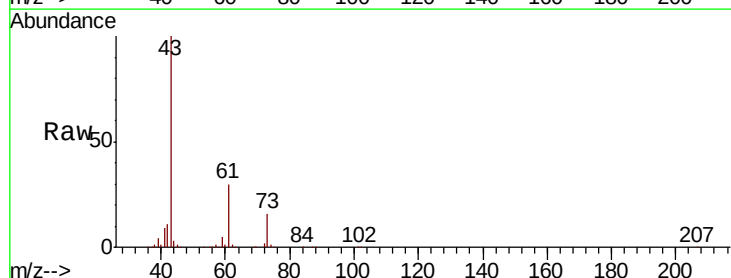


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

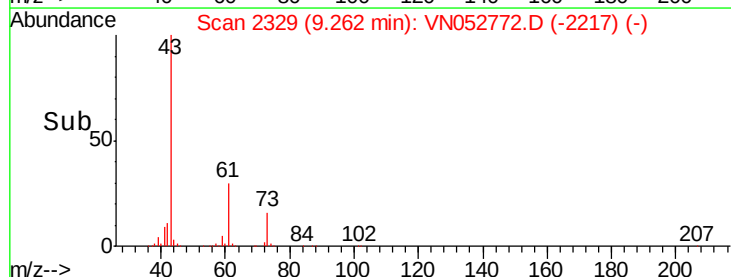
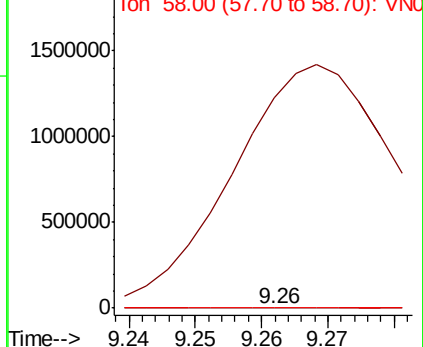


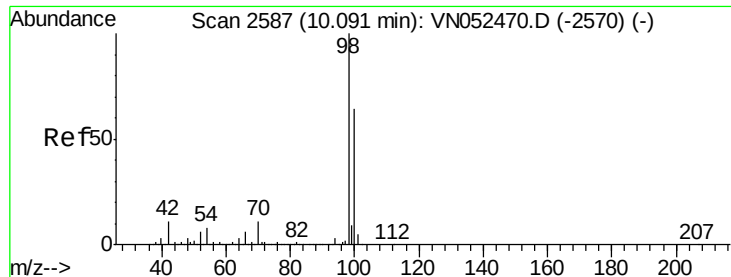
#49
1,4-Dioxane
Concen: 3.150 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 88 Resp: 314
Ion Ratio Lower Upper
88 100
43 819562.7 26.4 39.6#
58 3687.6 55.4 83.0#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 3.150 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

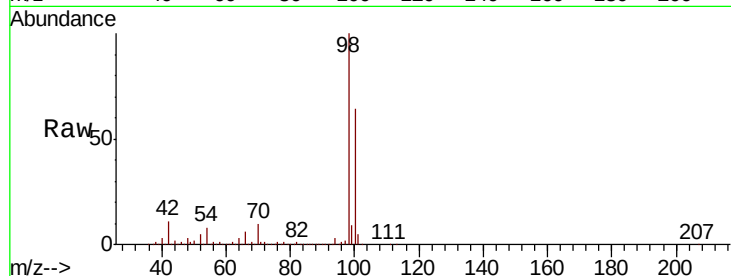
WC-20181207-SOIL

Tot Ion: 98 Resp: 2319539

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

10.09

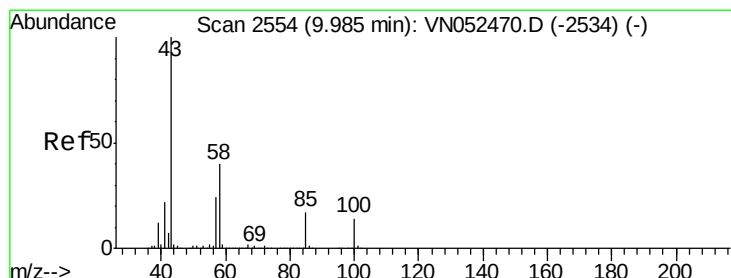
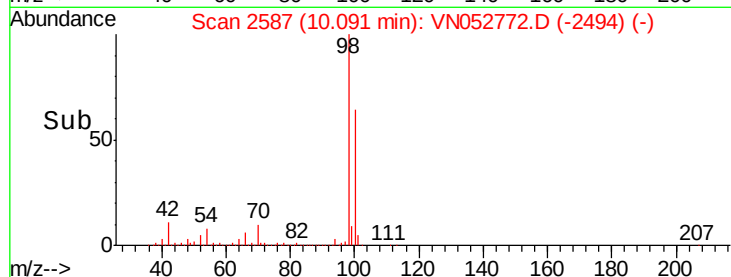
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.775 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052772.D

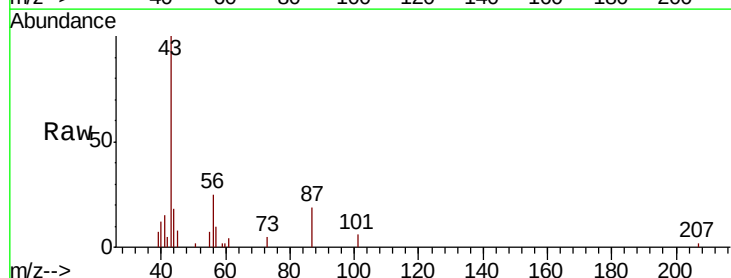
Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 18342

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2534) (-)

10.02

12000

10000

8000

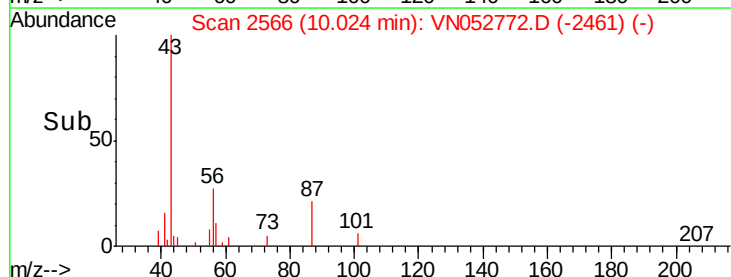
6000

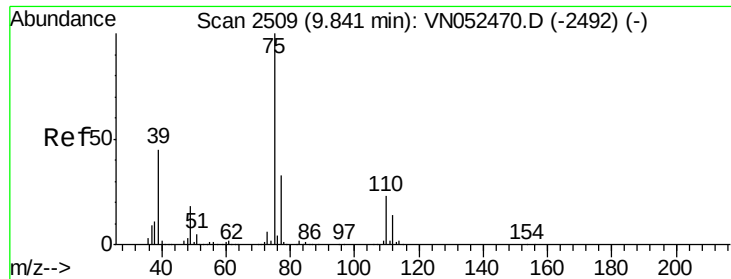
4000

2000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.954 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-SOIL

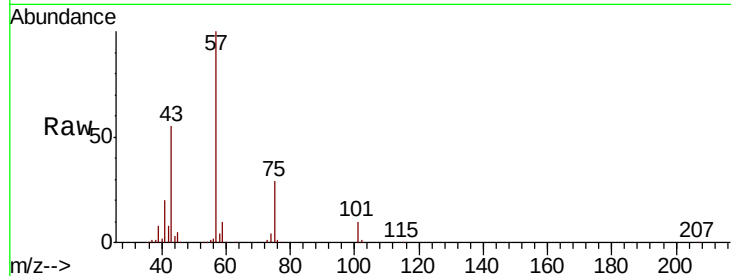
Tot Ion: 75 Resp: 116747

Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

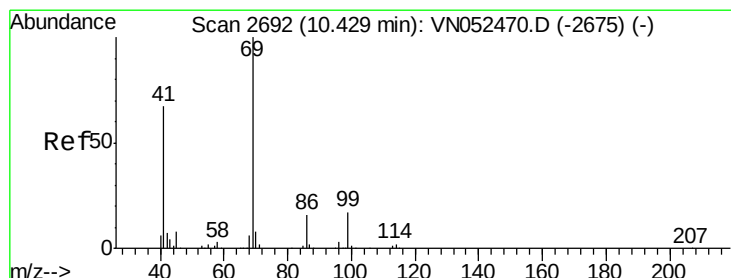
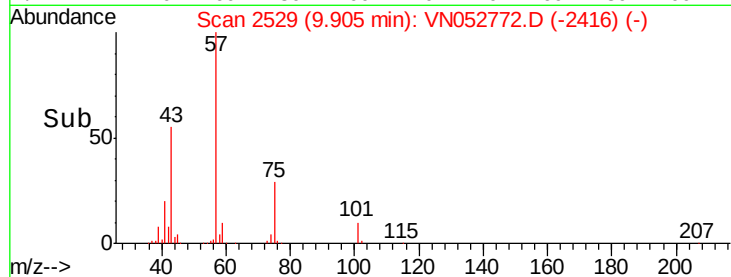
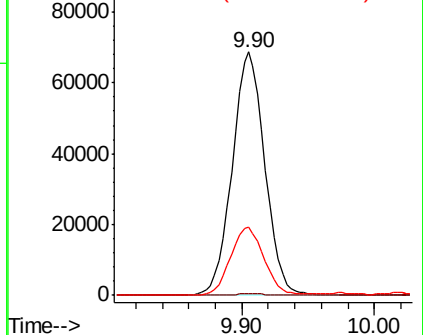
39 28.0 36.0 54.0#



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



#56

Ethyl methacrylate

Concen: 2.783 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.11 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

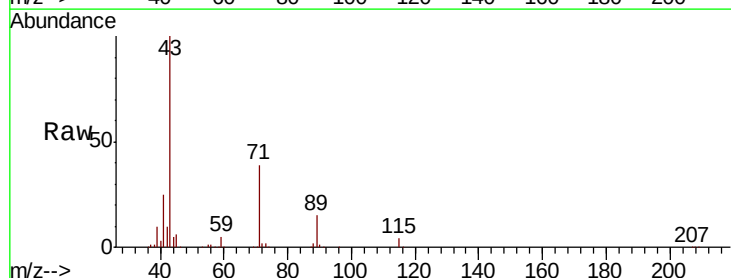
Tgt Ion: 69 Resp: 1465

Ion Ratio Lower Upper

69 100

41 5672.8 52.6 79.0#

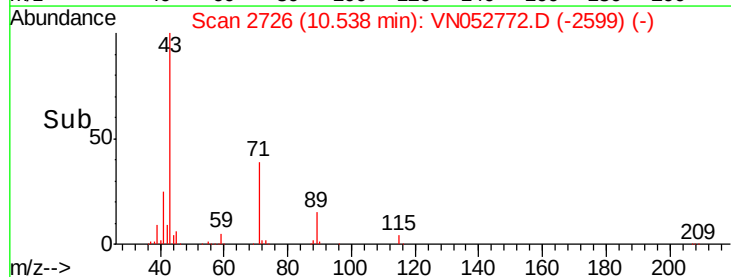
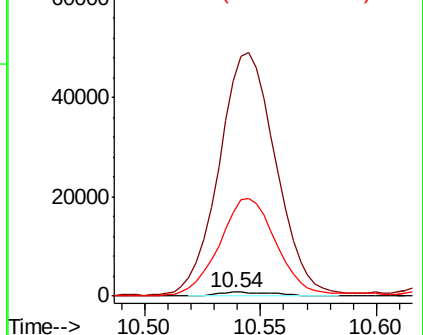
39 2299.3 25.9 38.9#

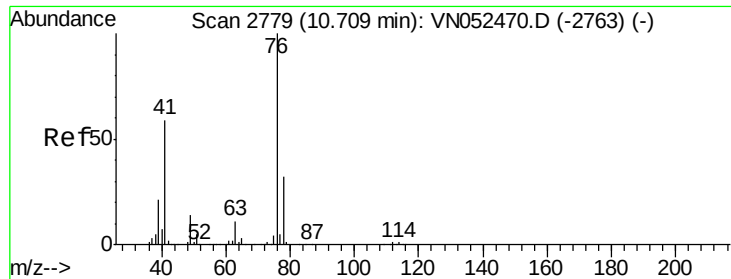


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

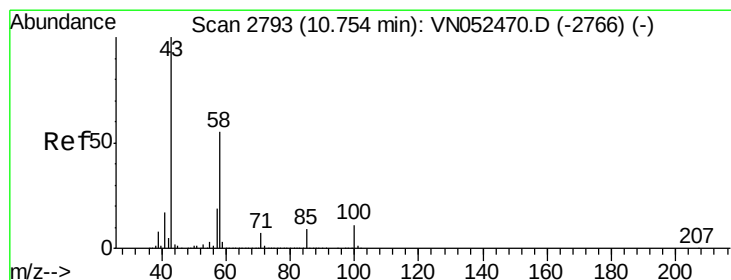
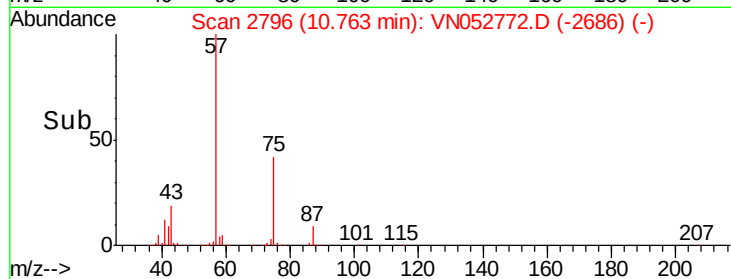
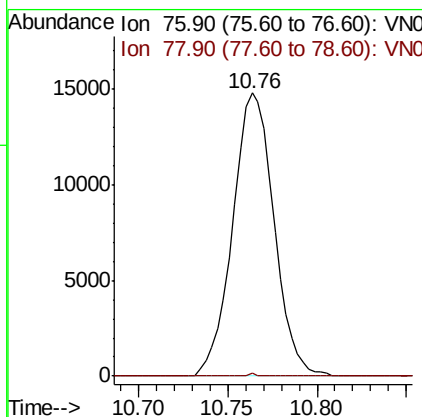
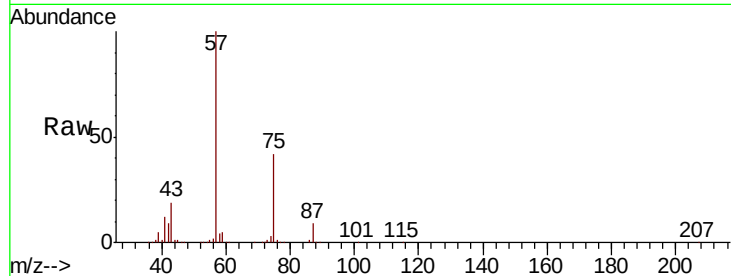




#57
 1,3-Dichloropropane
 Concen: 1.215 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

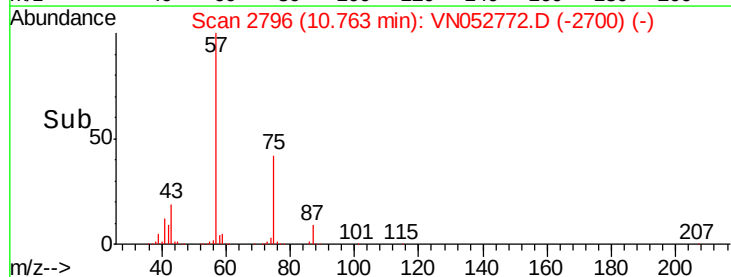
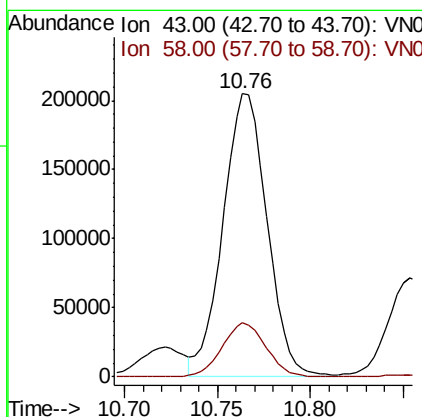
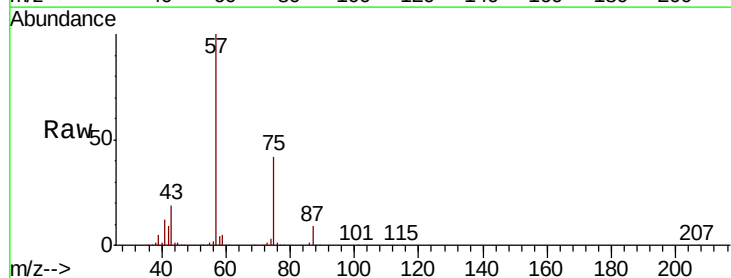
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-SOIL

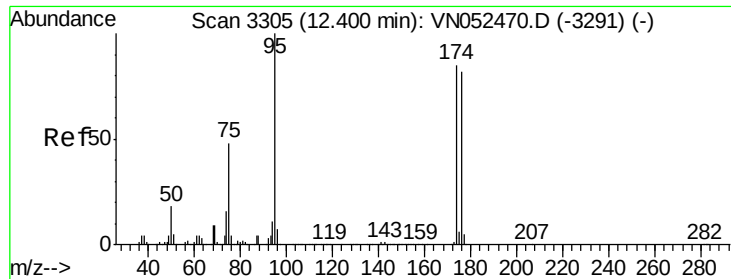
Tot Ion: 76 Resp: 23837
 Ion Ratio Lower Upper
 76 100
 78 0.1 25.6 38.4#



#59
 2-Hexanone
 Concen: 48.385 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 335630
 Ion Ratio Lower Upper
 43 100
 58 19.4 27.4 82.0#

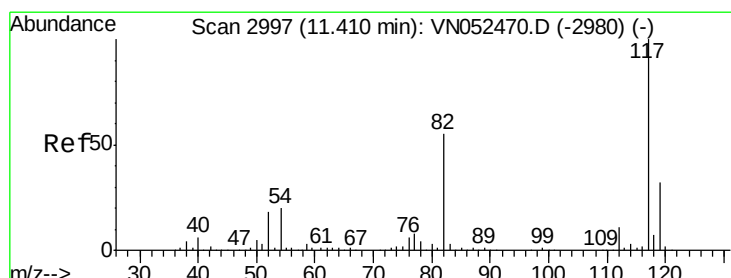
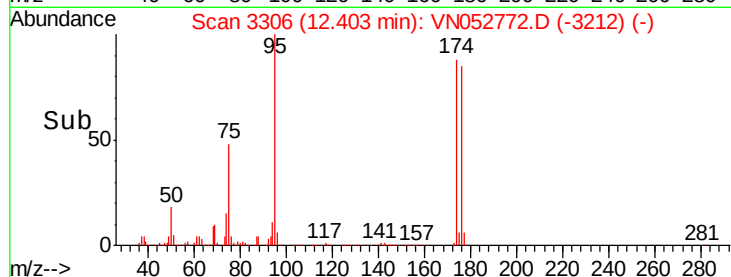
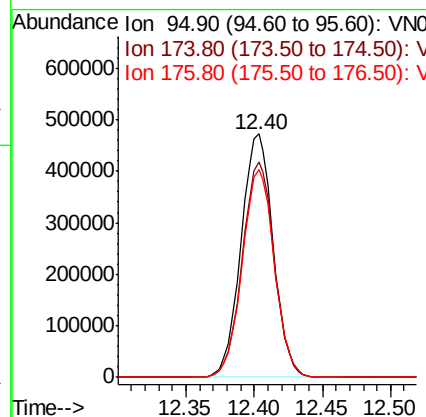
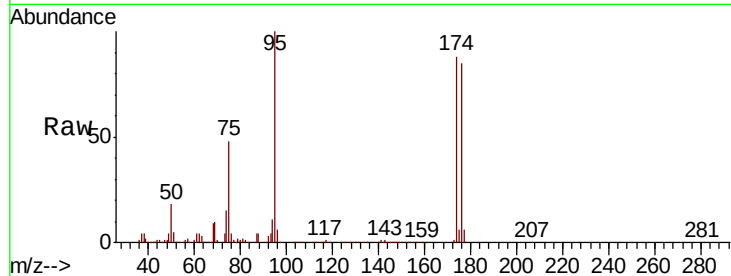




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

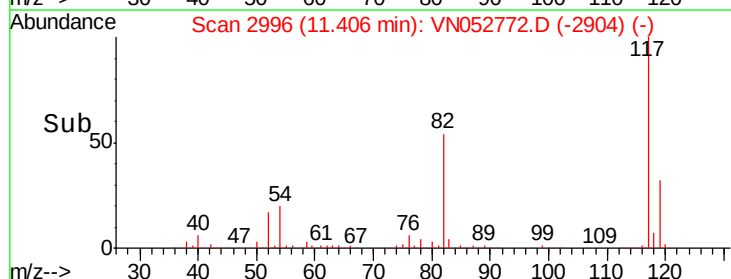
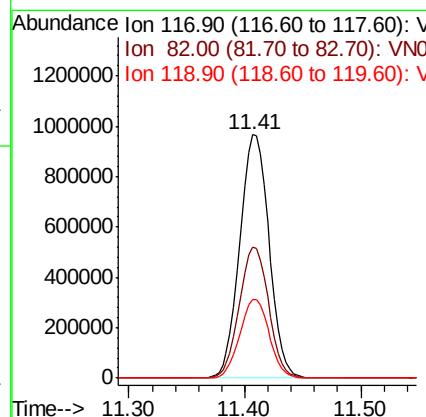
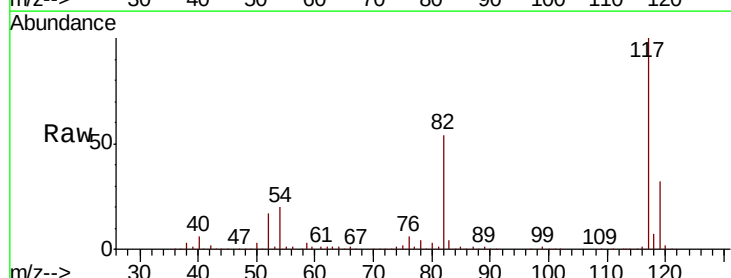
Instrument :
MSVOA_N
ClientSampleId :
WC-20181207-SOIL

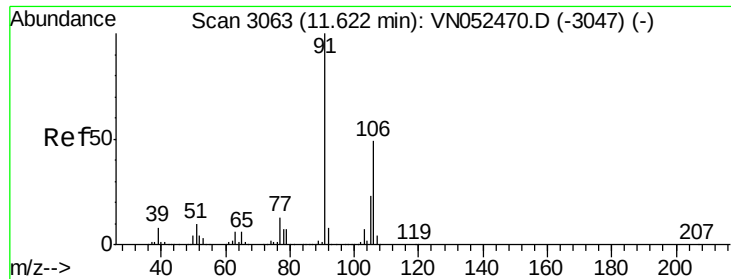
Tot Ion: 95 Resp: 770171
Ion Ratio Lower Upper
95 100
174 88.2 0.0 173.0
176 85.4 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 117 Resp: 1694770
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.4 25.4 38.2

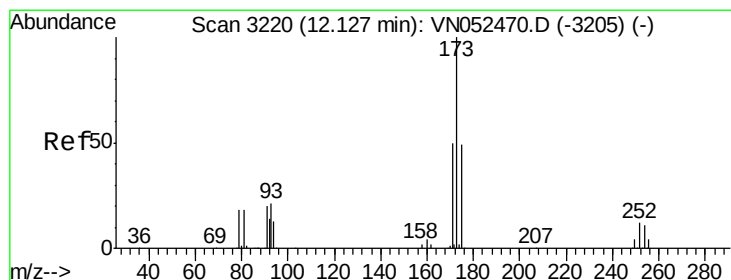
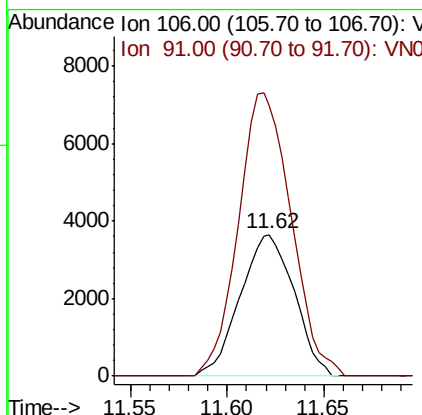
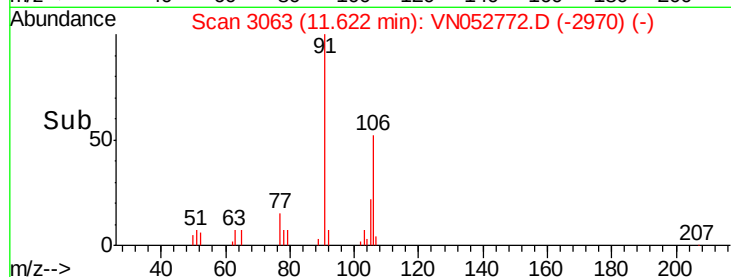
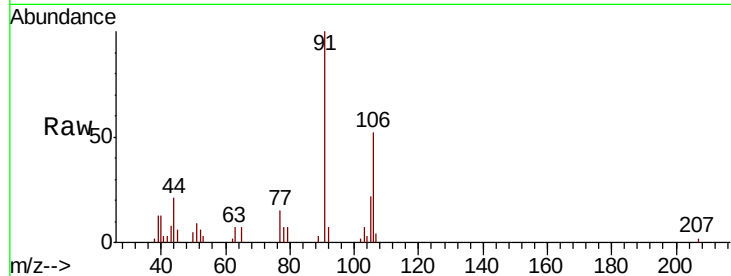




#68
m/p-Xylenes
Concen: 0.310 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

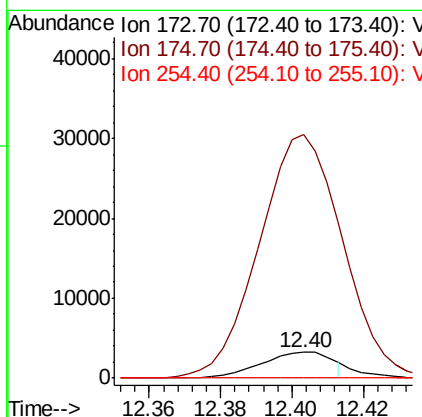
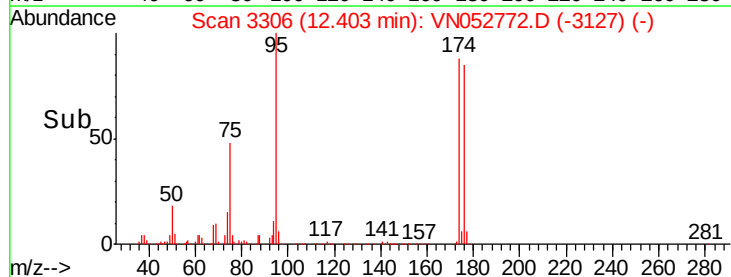
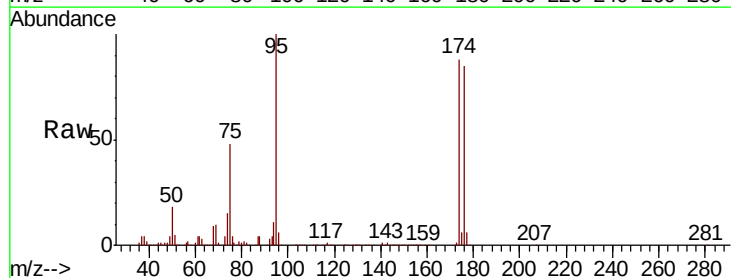
Instrument :
MSVOA_N
ClientSampleId :
WC-20181207-SOIL

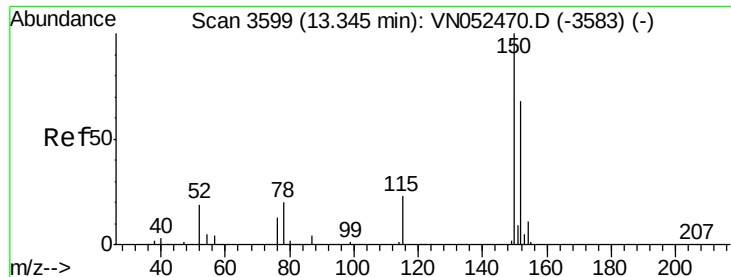
Tot Ion:106 Resp: 7069
Ion Ratio Lower Upper
106 100
91 195.7 163.2 244.8



#71
Bromoform
Concen: 0.554 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

Tgt Ion:173 Resp: 4456
Ion Ratio Lower Upper
173 100
175 959.7 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-SOIL

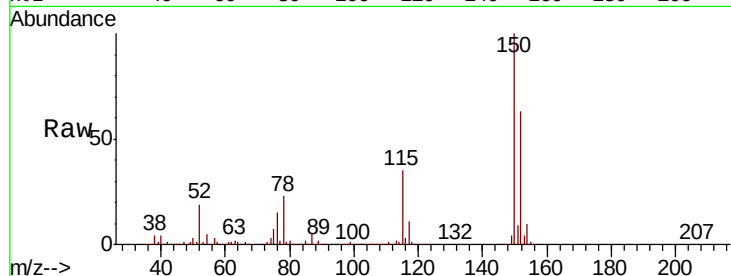
Tot Ion:152 Resp: 722852

Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

150 158.1 0.0 346.0

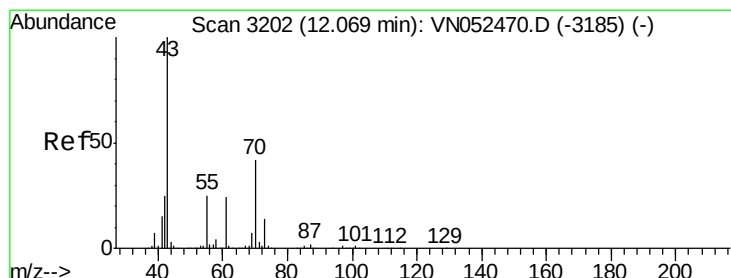
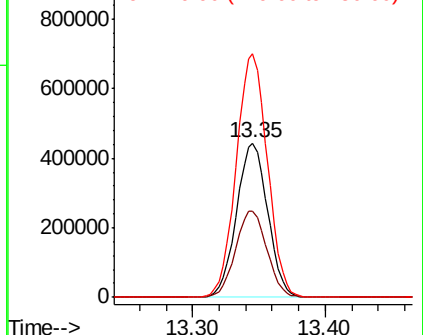
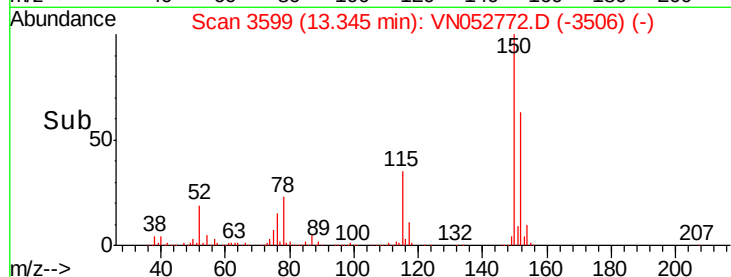


Abundance

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



#74

N-ethyl acetate

Concen: 2.762 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 39580

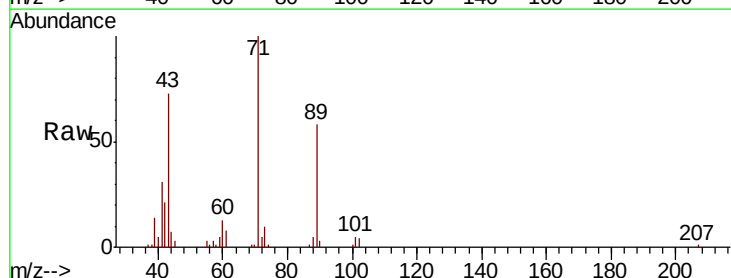
Ion Ratio Lower Upper

43 100

70 2.2 33.8 50.8#

55 5.3 20.0 30.0#

61 10.8 19.7 29.5#



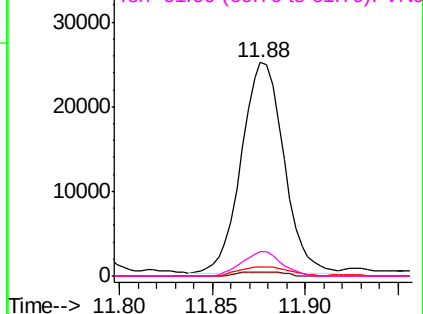
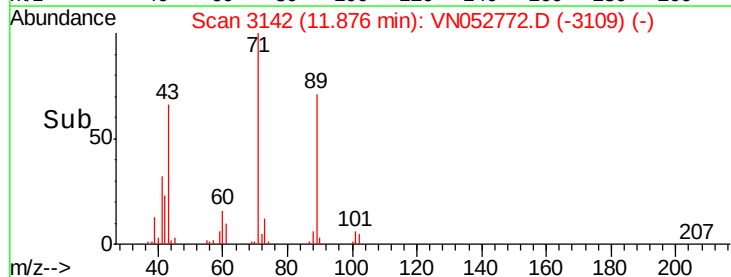
Abundance

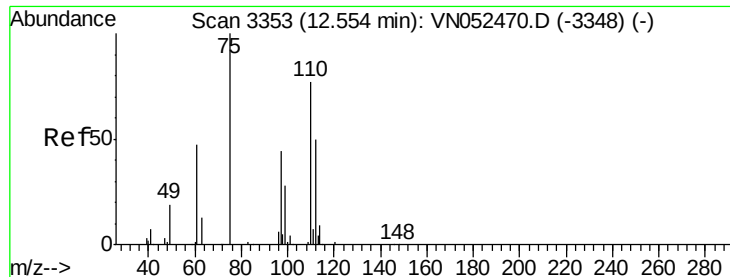
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

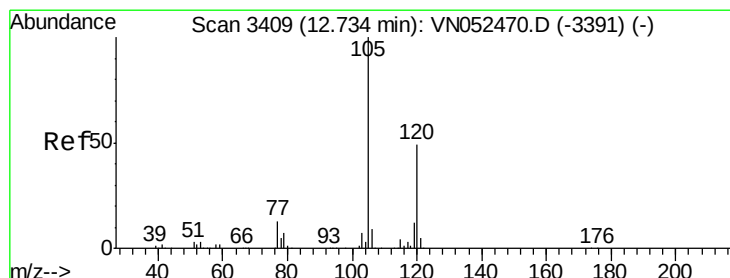
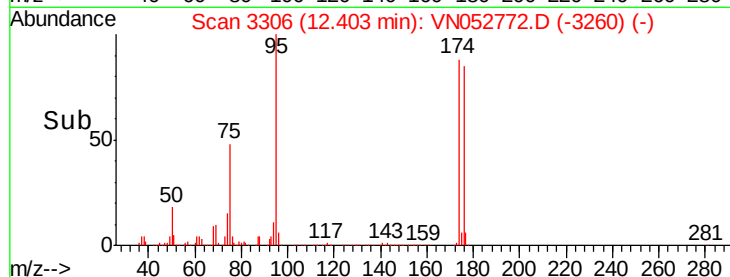
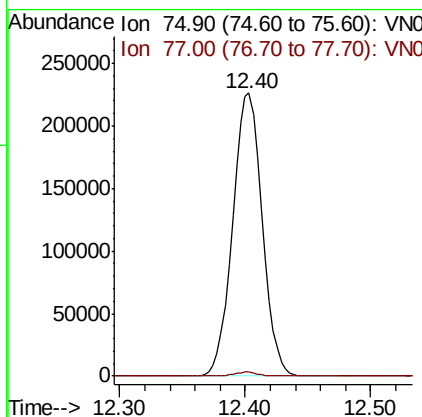
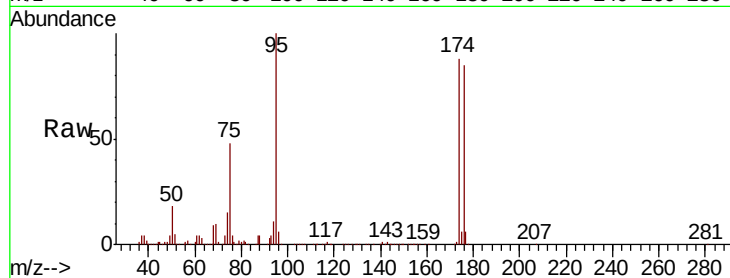




#76
 1,2,3-Trichloropropane
 Concen: 33.129 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

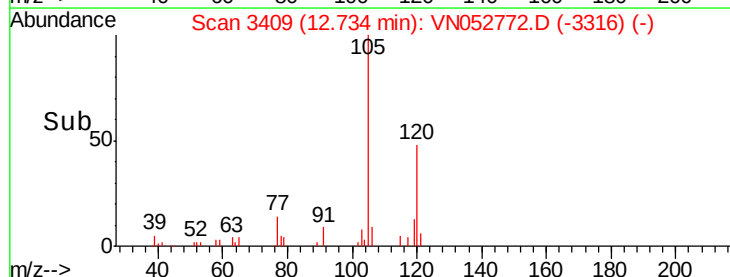
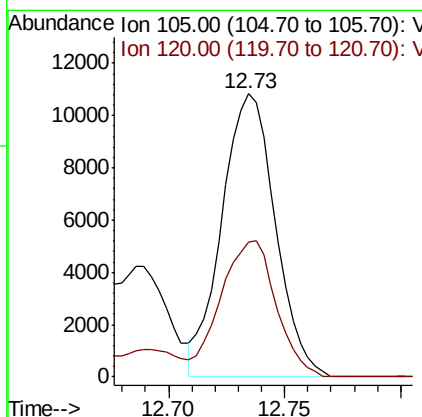
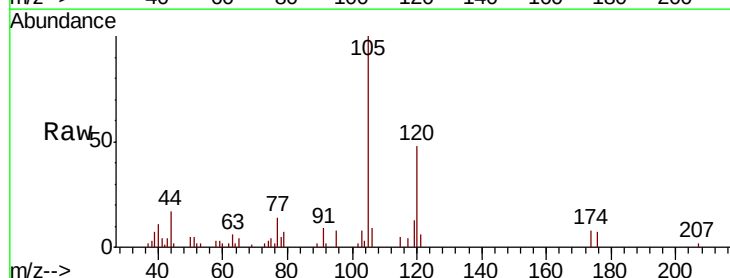
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-SOIL

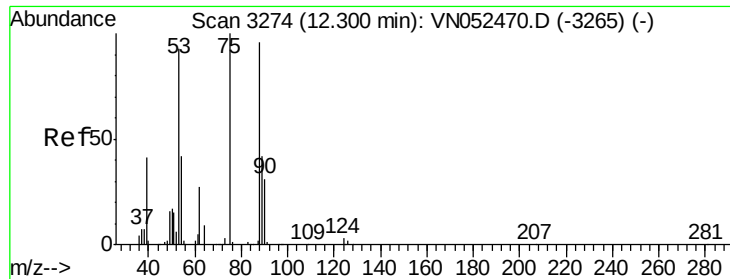
Tot Ion: 75 Resp: 369283
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.384 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052772.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 105 Resp: 17390
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 110.636 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-SOIL

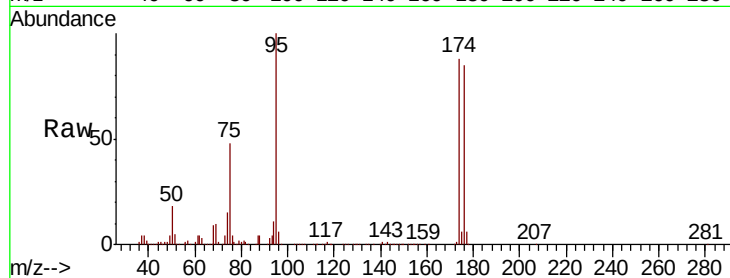
Tot Ion: 75 Resp: 369283

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

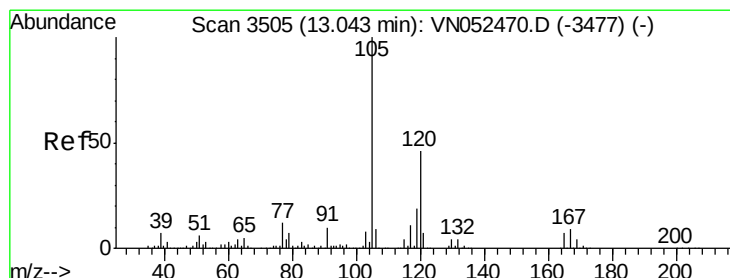
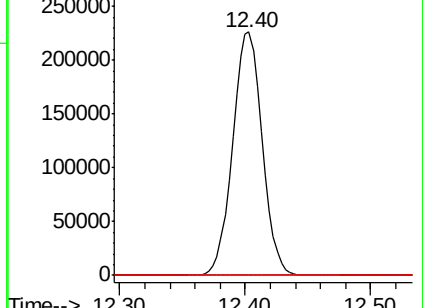
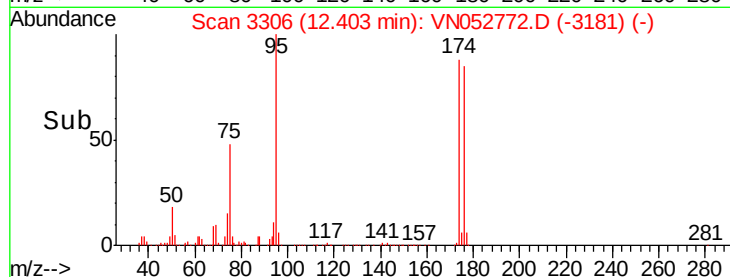
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052772.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052772.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052772.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.674 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN052772.D

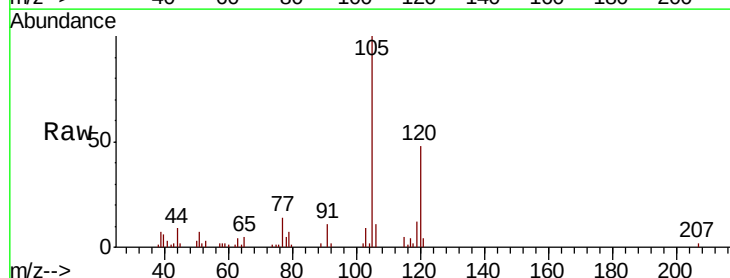
Acq: 11 Dec 2018 00:57

Tgt Ion: 105 Resp: 30548

Ion Ratio Lower Upper

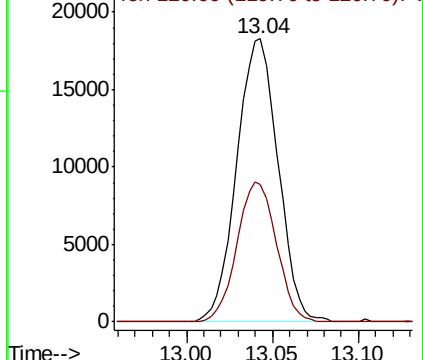
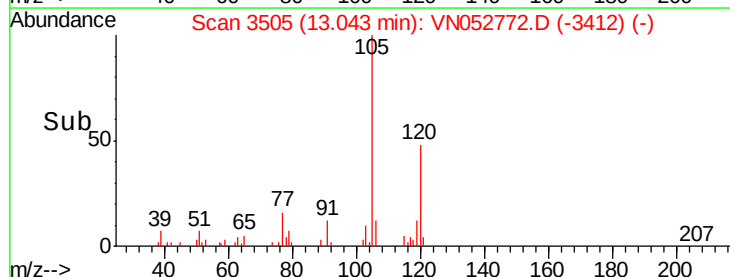
105 100

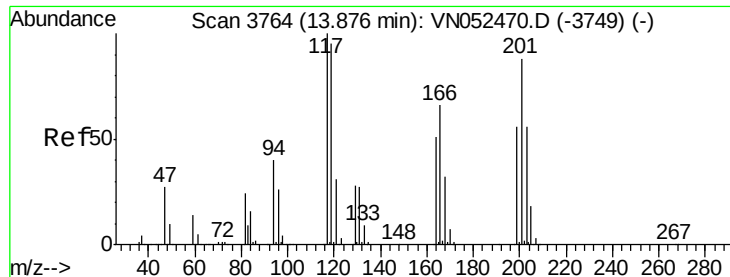
120 47.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN052772.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN052772.D (-3412) (-)





#90

Hexachloroethane

Concen: 0.282 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

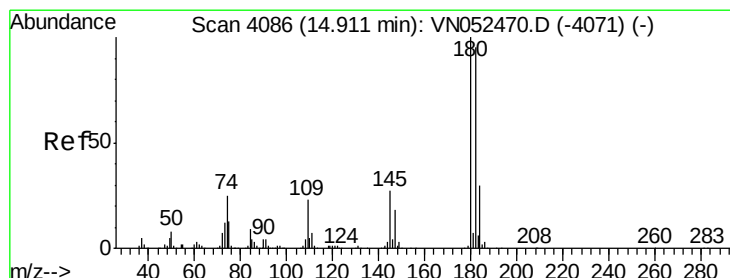
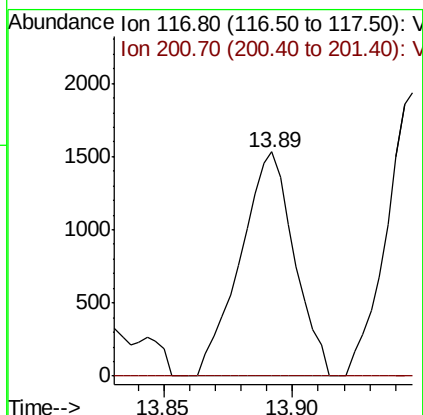
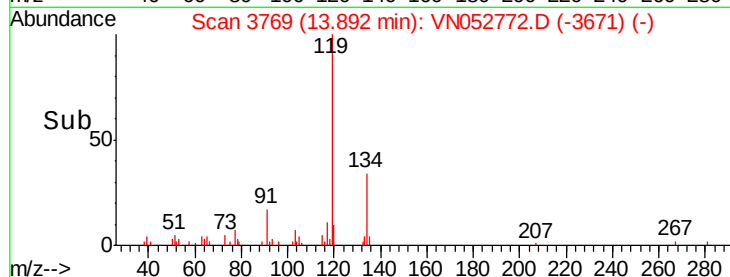
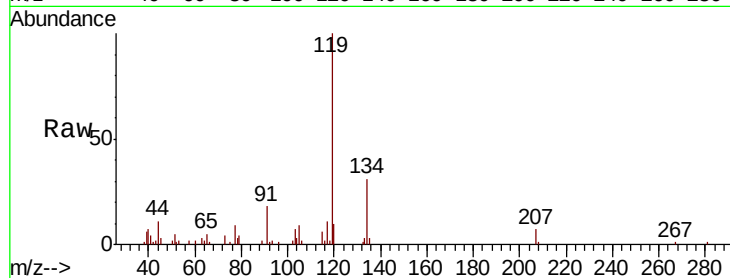
WC-20181207-SOIL

Tot Ion:117 Resp: 2234

Ion Ratio Lower Upper

117 100

201 0.0 43.6 130.9#



#93

1,2,4-Trichlorobenzene

Concen: 2.915 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

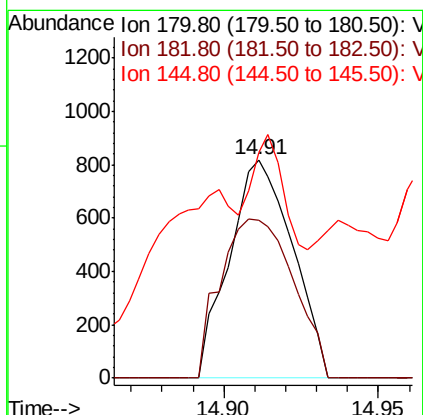
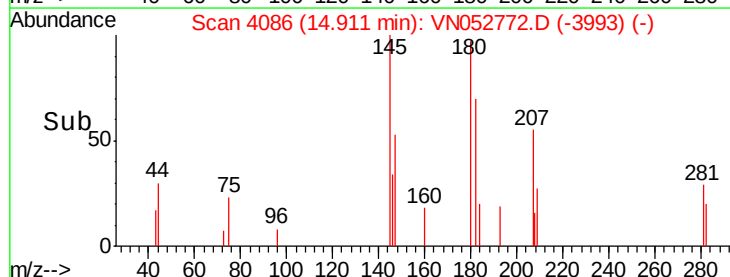
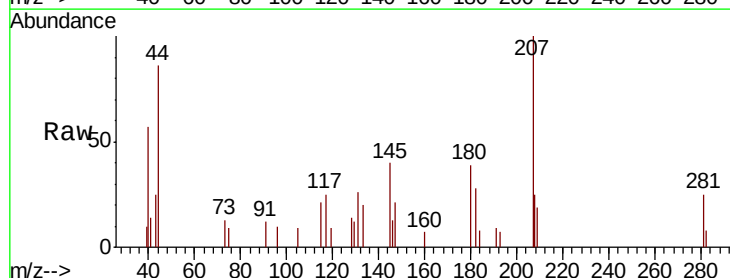
Tgt Ion:180 Resp: 1163

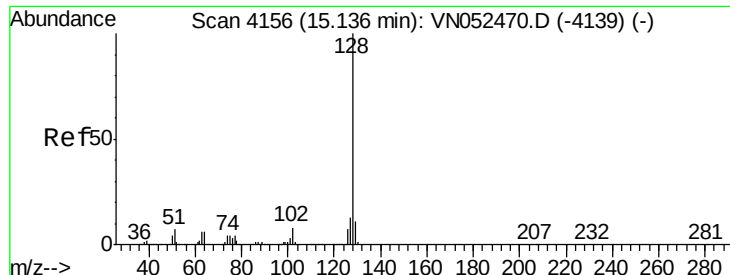
Ion Ratio Lower Upper

180 100

182 84.3 47.8 143.4

145 30.7 14.1 42.3





#95

Naphthalene

Concen: 6.407 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-SOIL

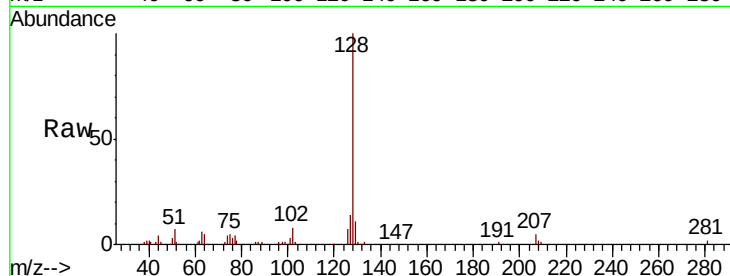
Tot Ion:128 Resp: 87036

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

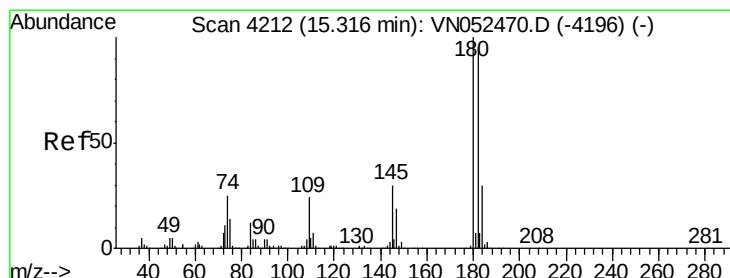
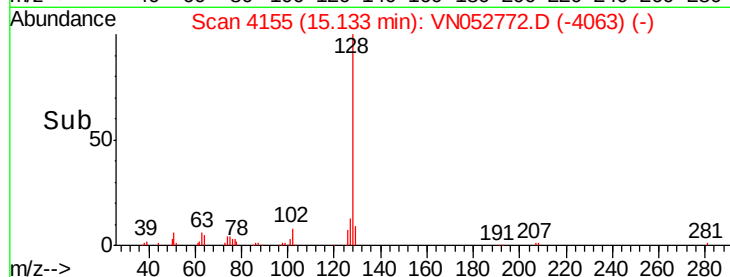
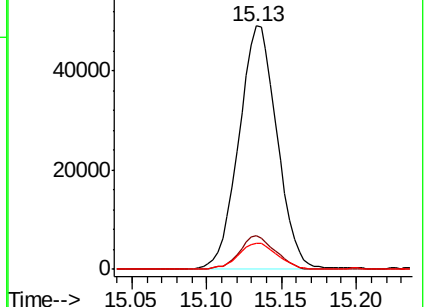
129 11.3 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 2.791 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN052772.D

Acq: 11 Dec 2018 00:57

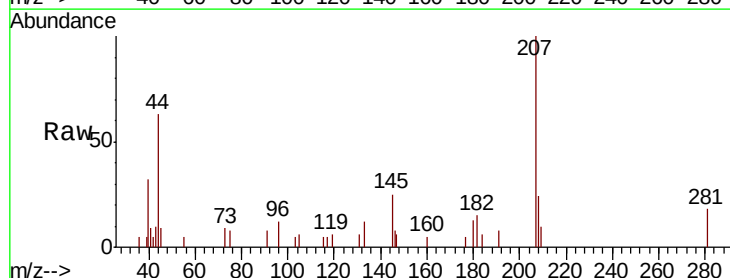
Tgt Ion:180 Resp: 803

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 114.3 15.2 45.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

