

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 03:30:42 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

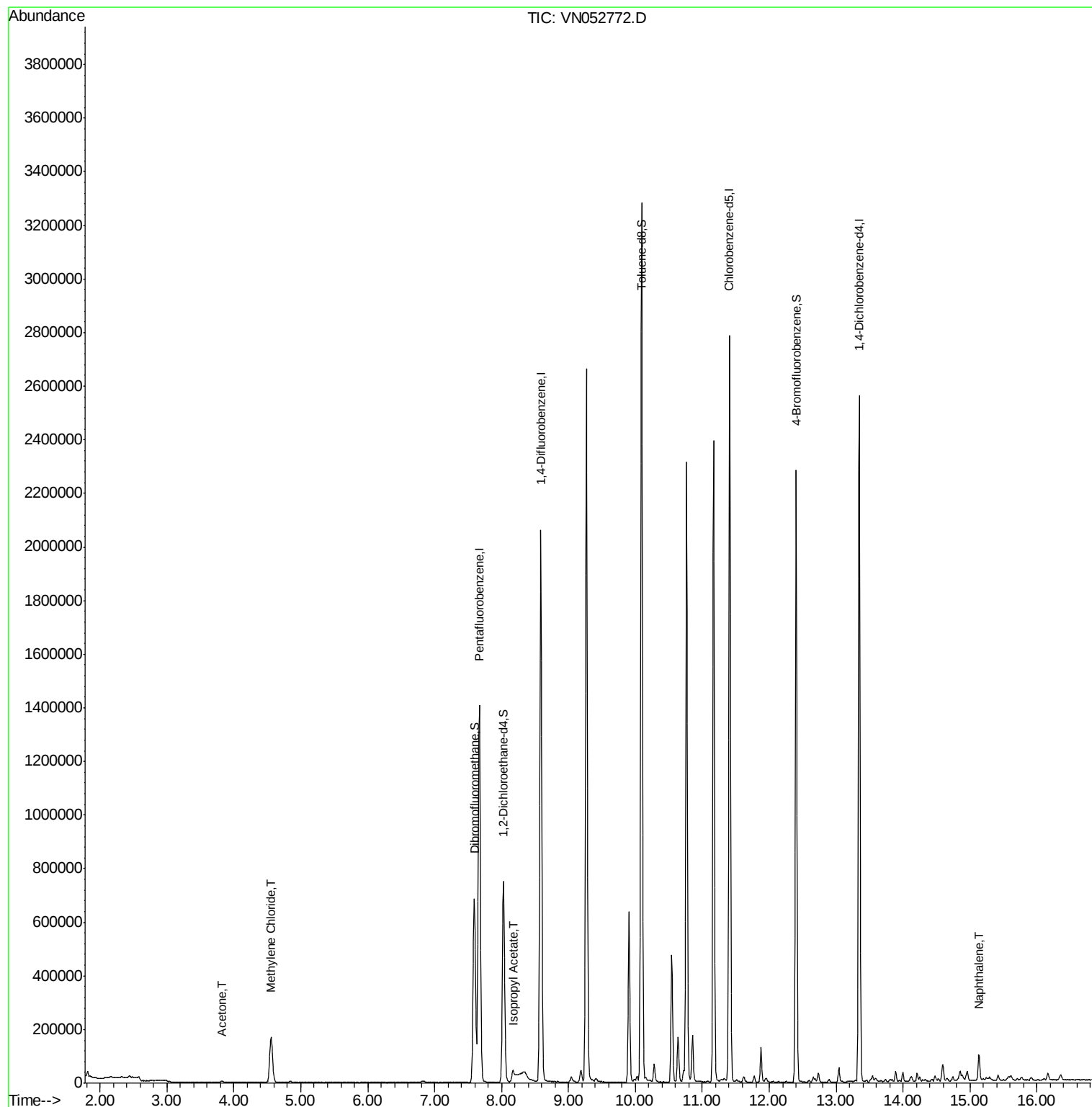
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1225064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1888760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1694770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	722852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	634918	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	7.59	113	538166	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	10.09	98	2319539	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	770171	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
Target Compounds						
16) Acetone	3.82	43	10463	2.974	ug/l	98
20) Methylene Chloride	4.56	84	130670	9.491	ug/l	97
43) Isopropyl Acetate	8.17	43	57604	3.127	ug/l #	79
95) Naphthalene	15.13	128	87036	6.407	ug/l	99

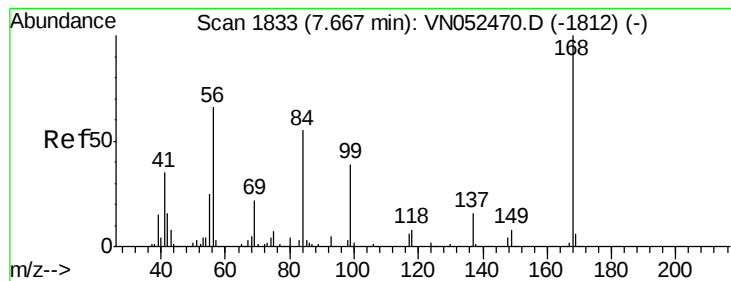
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
Data File : VN052772.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
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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 :

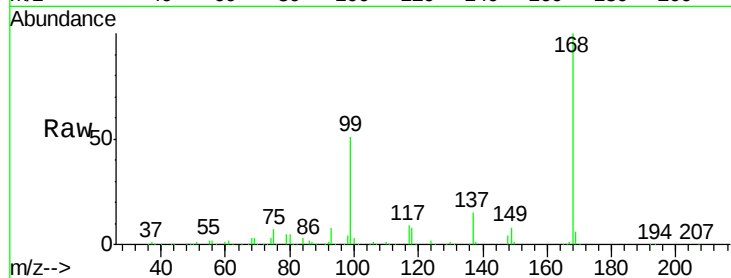
WC-20181207-SOIL

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): VN052772.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052772.D (-1740) (-)

7.67

600000

500000

400000

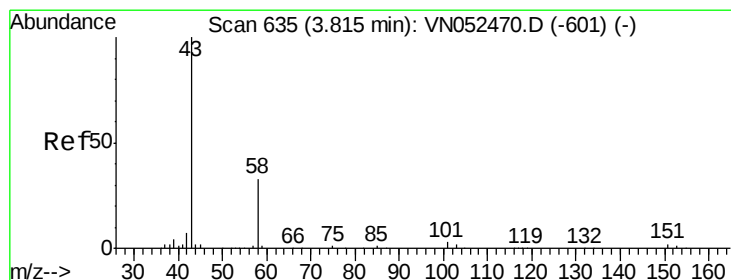
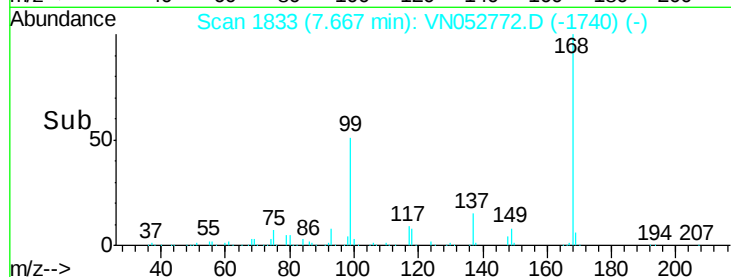
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.974 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052772.D

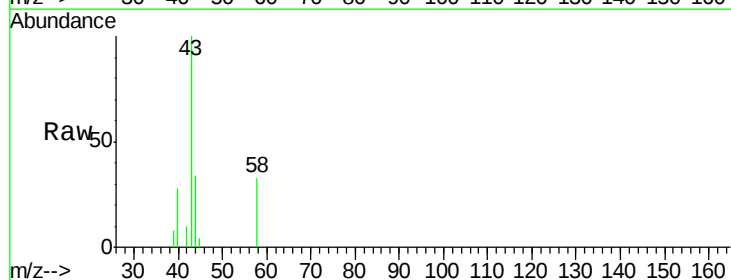
Acq: 11 Dec 2018 00:57

Tgt 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) (-)

Ion 58.00 (57.70 to 58.70): VN052772.D (-542) (-)

3.82

4000

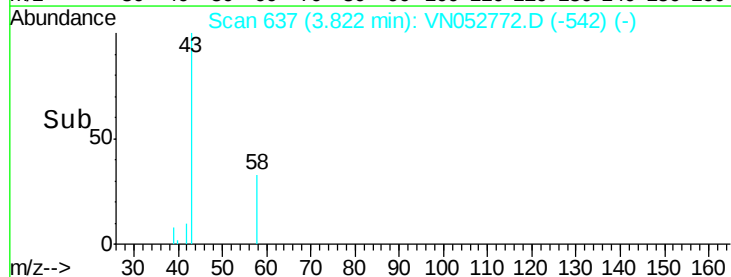
3000

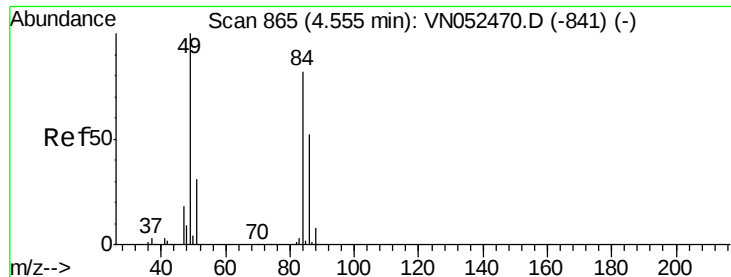
2000

1000

0

Time-->

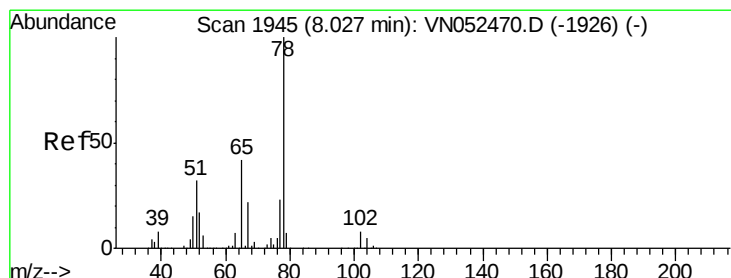
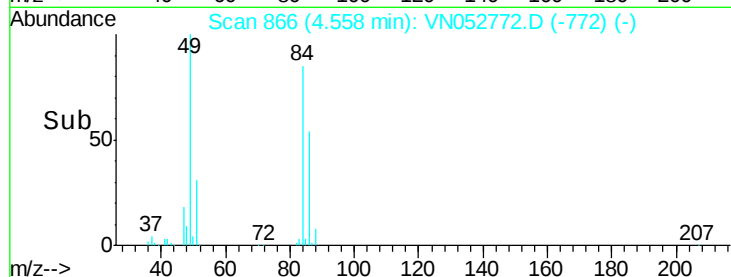
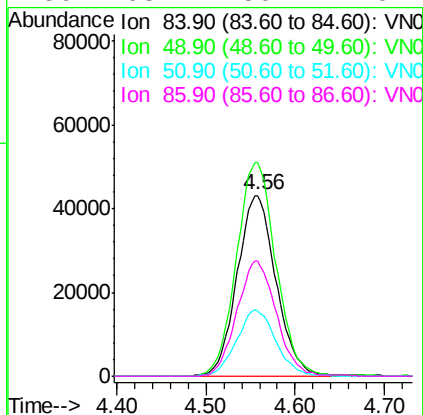
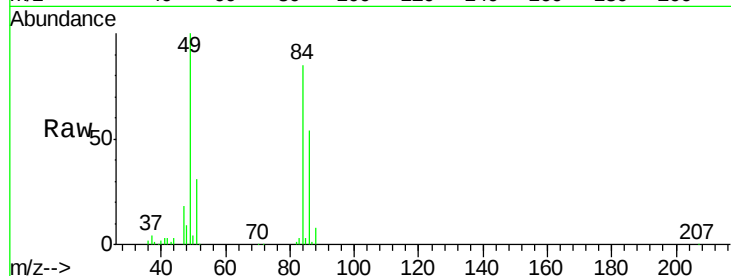




#20
Methylene Chloride
Concen: 9.491 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052772.D
Acq: 11 Dec 2018 00:57

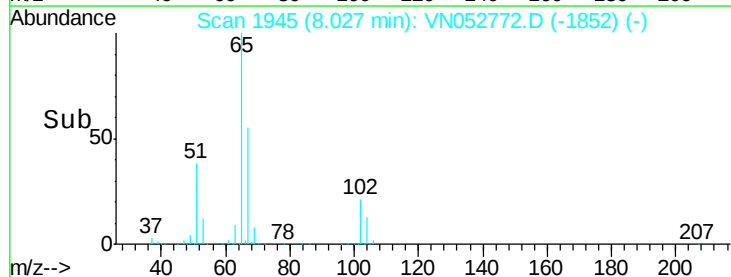
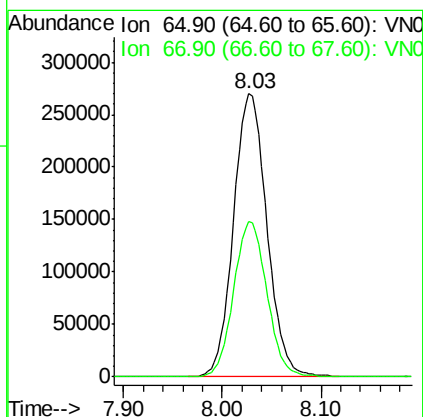
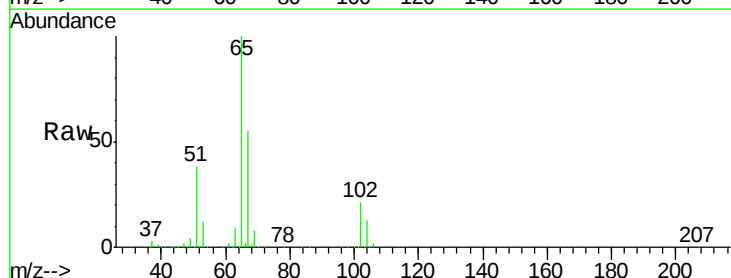
Instrument :
MSVOA_N
ClientSampleId :
WC-20181207-SOIL

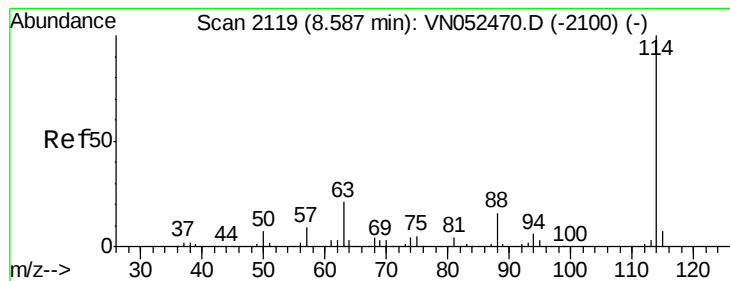
Tot Ion: 84 Resp: 130670
Ion Ratio Lower Upper
84 100
49 118.0 98.0 147.0
51 36.2 30.1 45.1
86 63.4 50.7 76.1



#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





#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

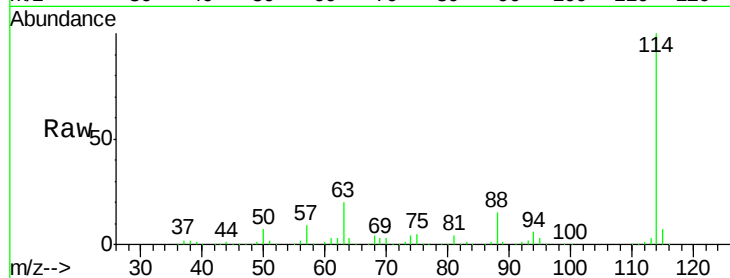
Tot Ion:114 Resp: 1888760

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

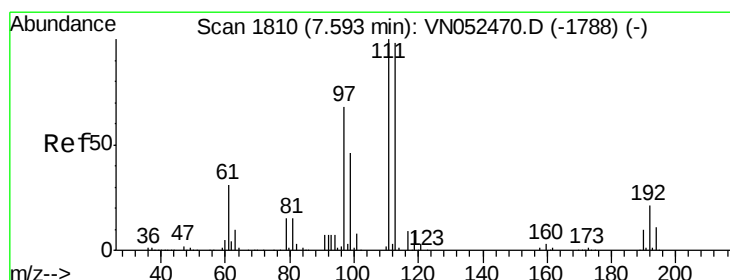
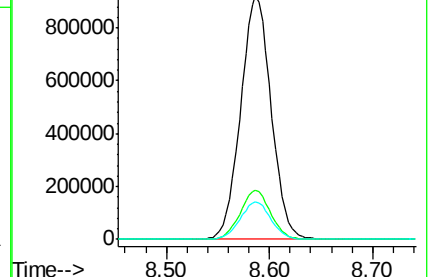
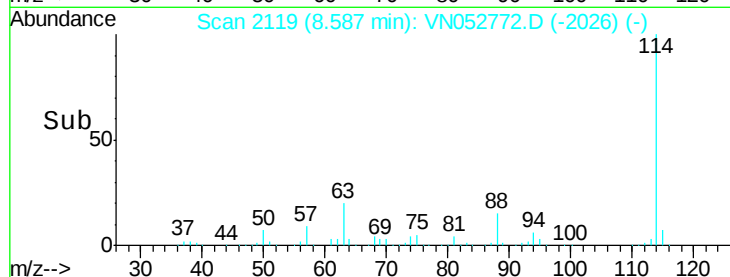
88 15.4 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#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

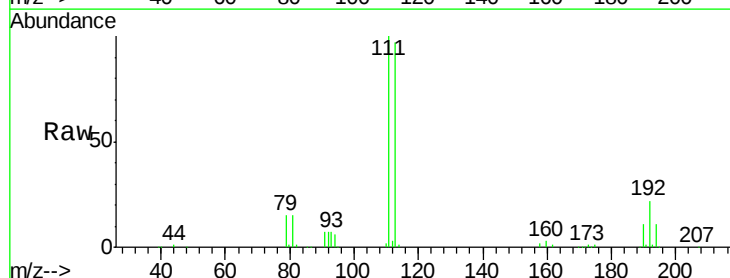
Tgt Ion:113 Resp: 538166

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

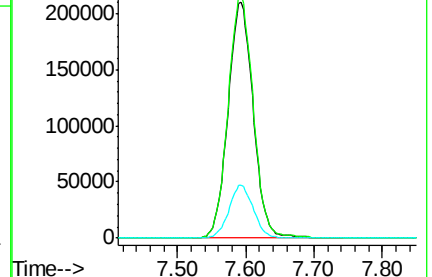
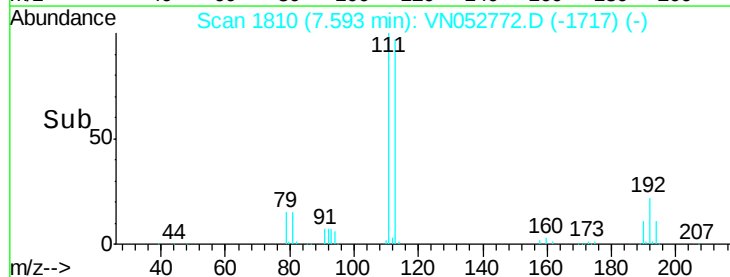
192 21.8 17.0 25.6

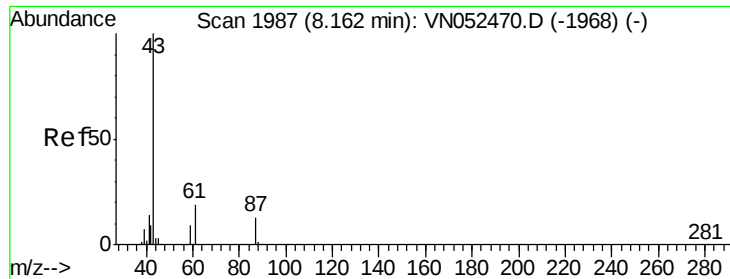


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#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

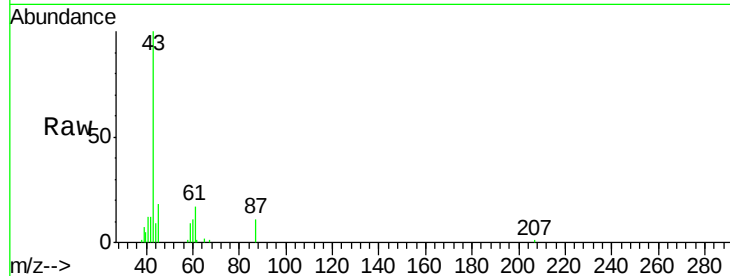
Tot Ion: 43 Resp: 57604

Ion Ratio Lower Upper

43 100

61 15.7 24.1 36.1#

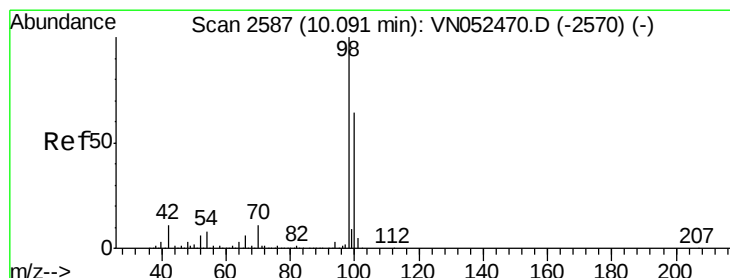
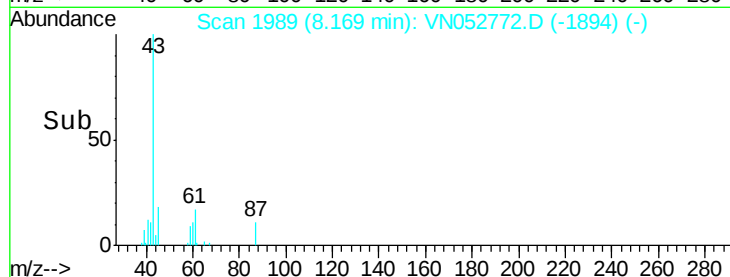
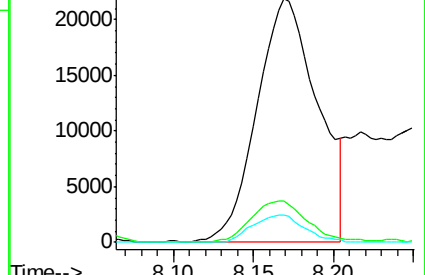
87 9.4 10.6 15.8#



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) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052772.D

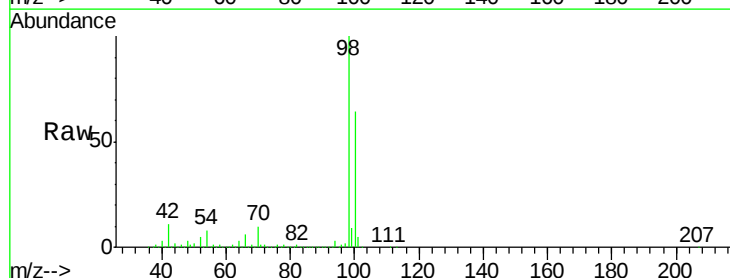
Acq: 11 Dec 2018 00:57

Tgt Ion: 98 Resp: 2319539

Ion Ratio Lower Upper

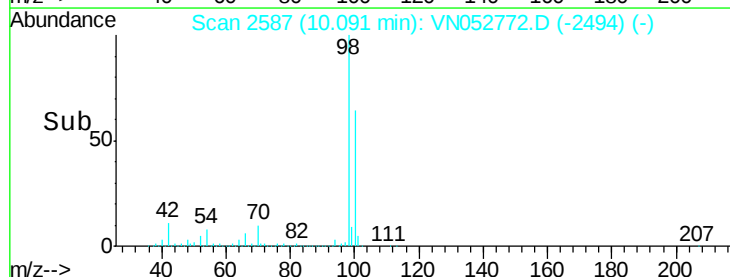
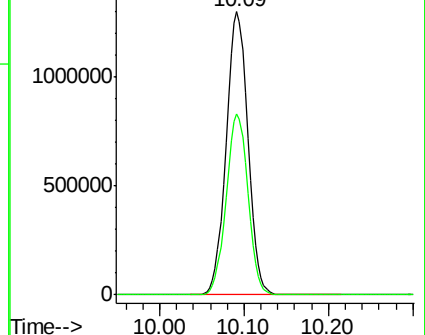
98 100

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) (-)





#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

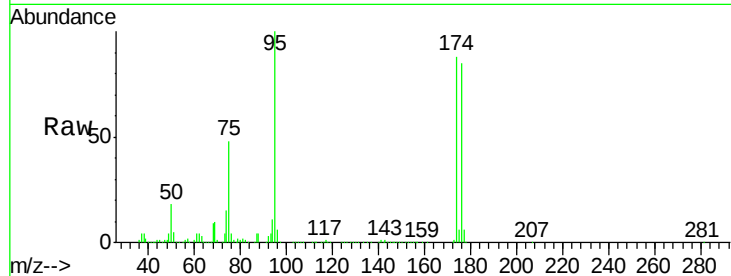
Tot Ion: 95 Resp: 770171

Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 85.4 0.0 166.2



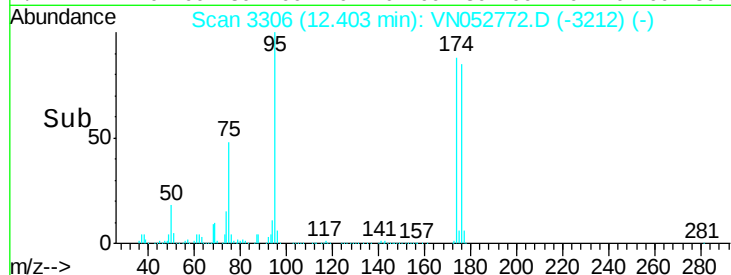
Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

12.40

Time-->



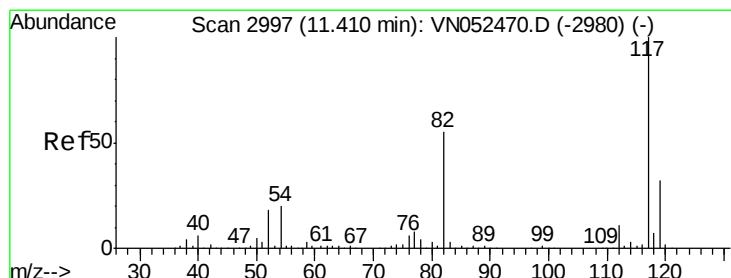
Abundance Ion 94.90 (94.60 to 95.60): VN052772.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052772.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052772.D (-3212) (-)

12.40

Time-->



#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

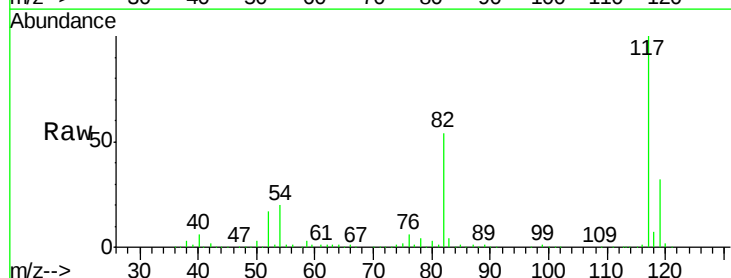
Tgt Ion: 117 Resp: 1694770

Ion Ratio Lower Upper

117 100

82 53.9 43.6 65.4

119 32.4 25.4 38.2



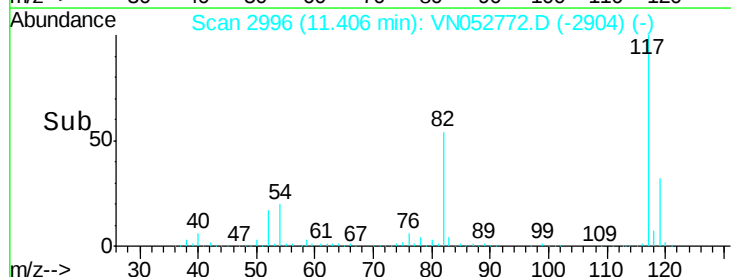
Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)

11.41

Time-->



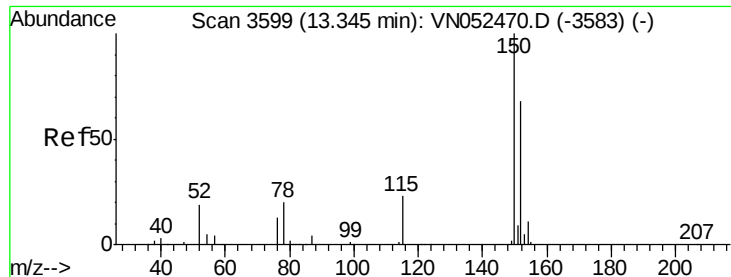
Abundance Ion 116.90 (116.60 to 117.60): VN052772.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN052772.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN052772.D (-2904) (-)

11.41

Time-->



#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

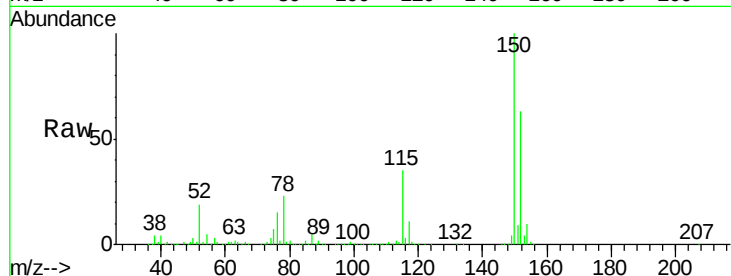
Tot Ion:152 Resp: 722852

Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

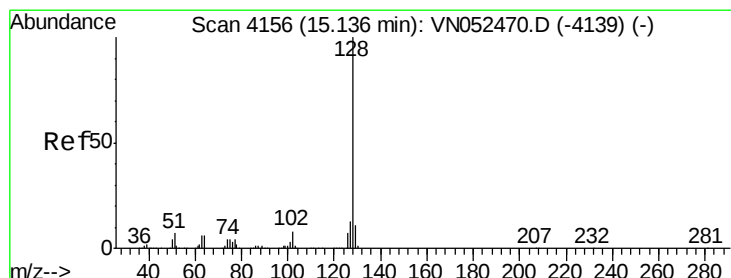
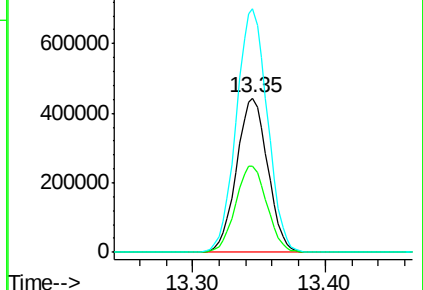
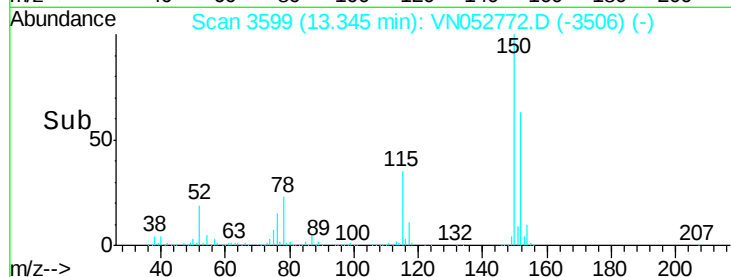
150 158.1 0.0 346.0



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



#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

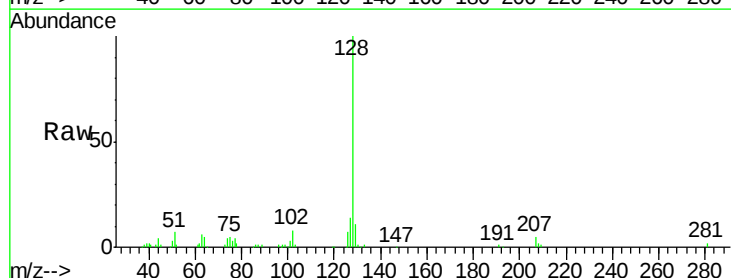
Tgt Ion:128 Resp: 87036

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

