

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053603.D
 Acq On : 4 Feb 2019 18:10
 Operator : JC/SP
 Sample : K1299-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-1

Quant Time: Feb 05 03:20:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

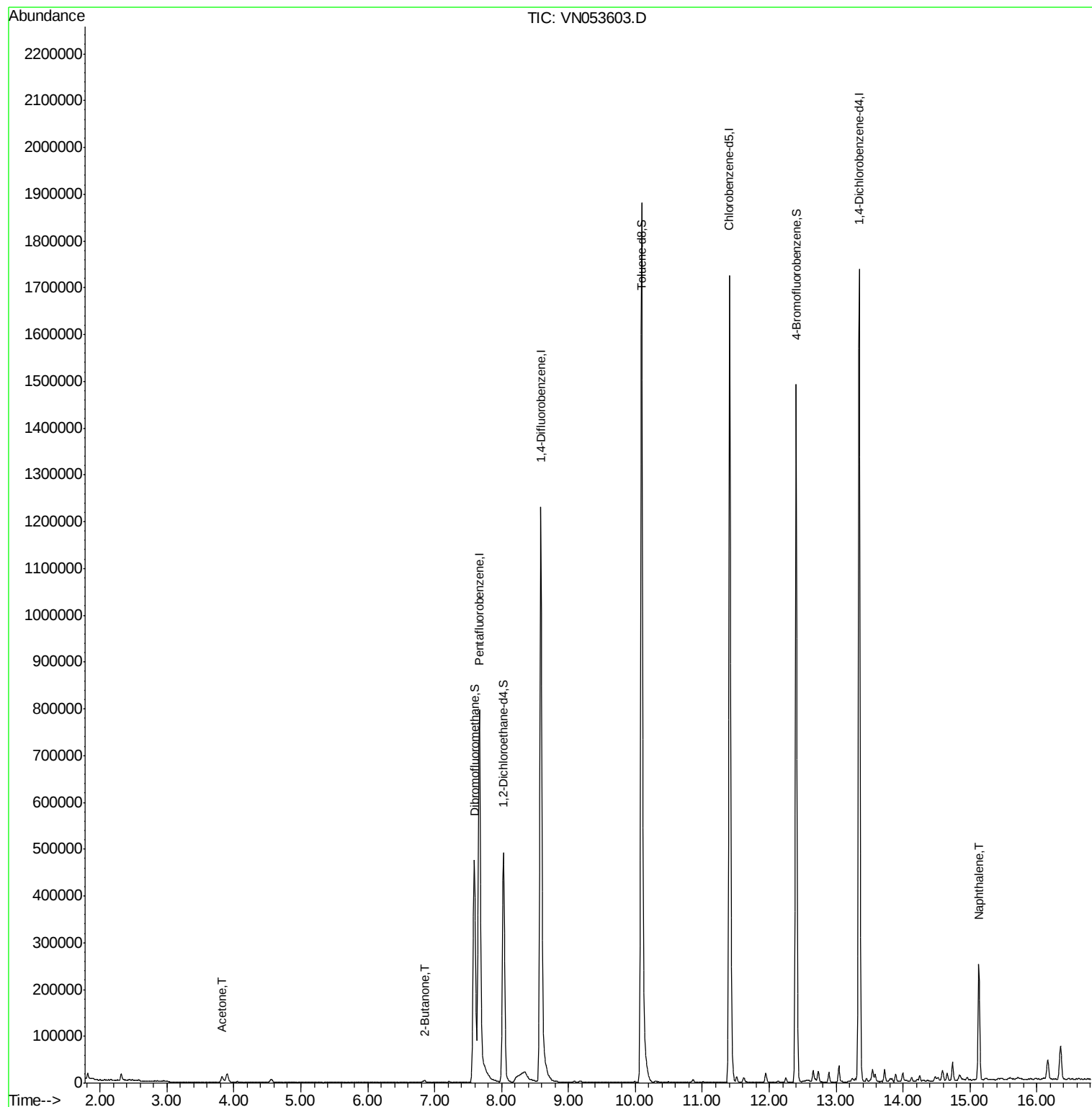
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	832536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1316556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1161983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	507837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	421054	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	7.59	113	377026	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
50) Toluene-d8	10.09	98	1564509	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	519417	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
16) Acetone	3.82	43	21176	9.885	ug/l	96
25) 2-Butanone	6.86	43	4998	1.636	ug/l	97
95) Naphthalene	15.13	128	222172	11.350	ug/l	100

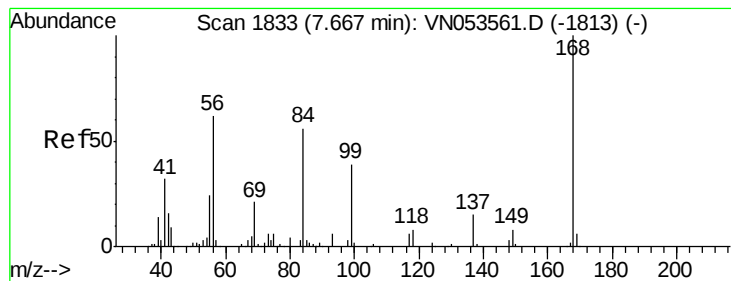
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053603.D

Acq: 4 Feb 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

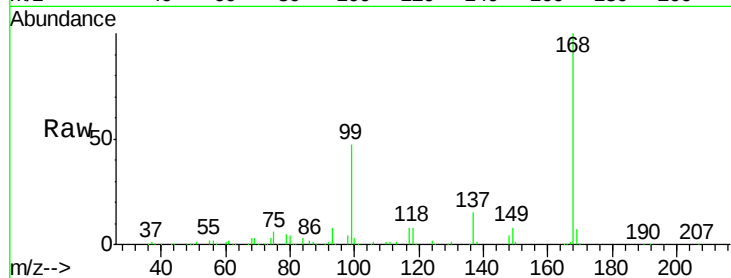
SPLP-LEACH-AMND-COMP-1

Tot Ion:168 Resp: 832536

Ion Ratio Lower Upper

168 100

99 47.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

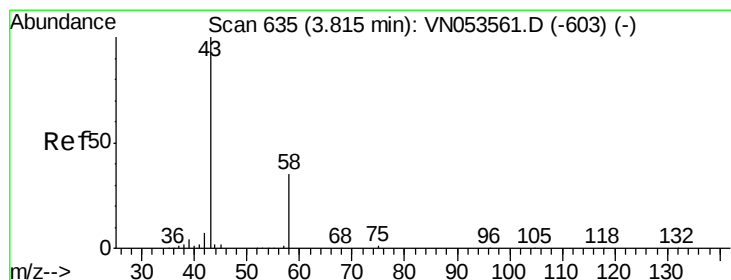
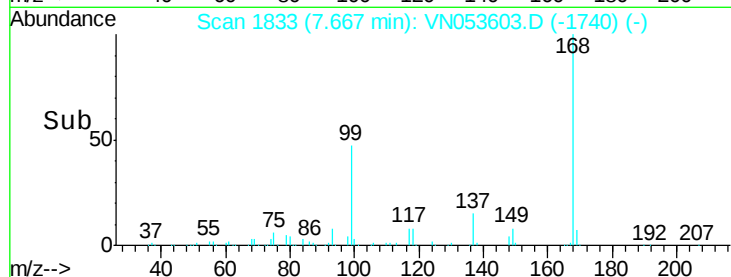
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.885 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053603.D

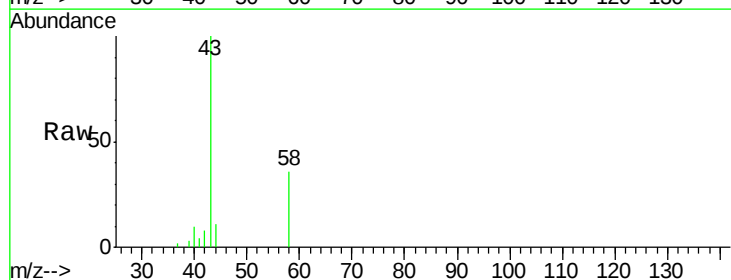
Acq: 4 Feb 2019 18:10

Tgt Ion: 43 Resp: 21176

Ion Ratio Lower Upper

43 100

58 36.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

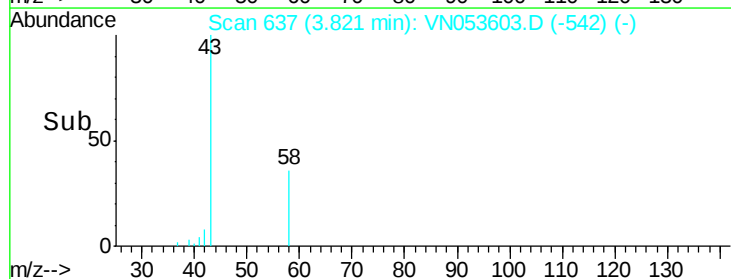
6000

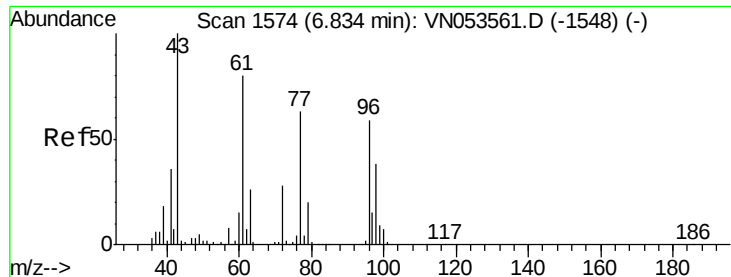
4000

2000

0

Time-->

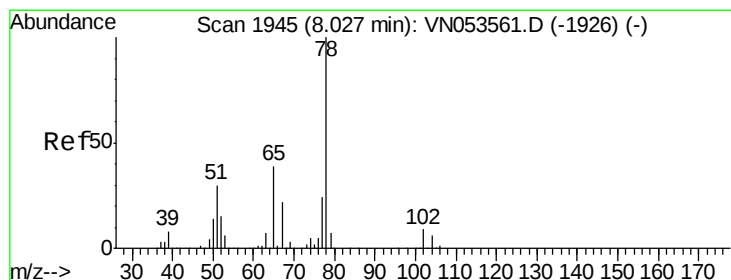
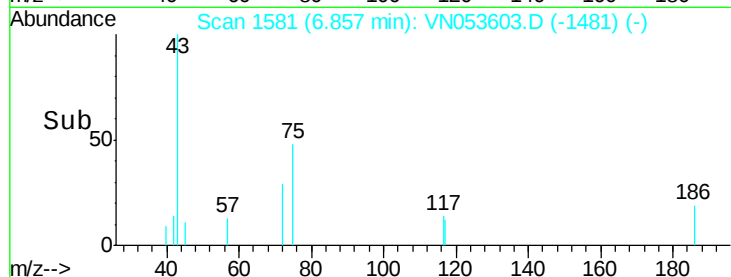
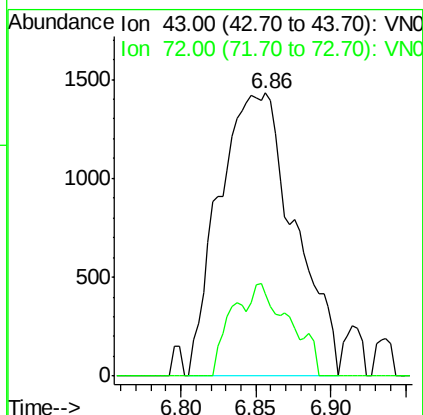
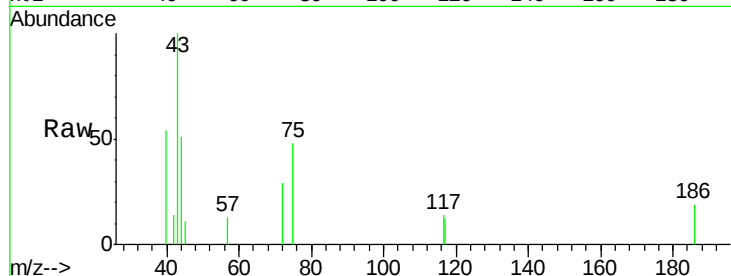




#25
 2-Butanone
 Concen: 1.636 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. 0.02 min
 Lab File: VN053603.D
 Acq: 4 Feb 2019 18:10

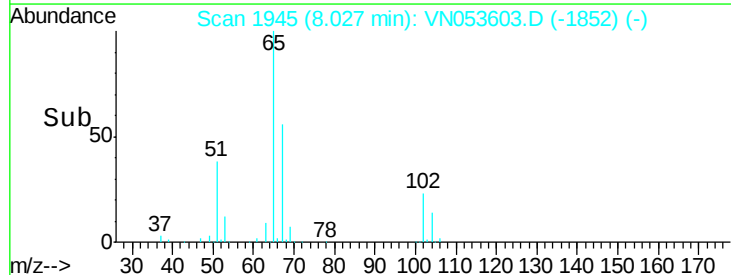
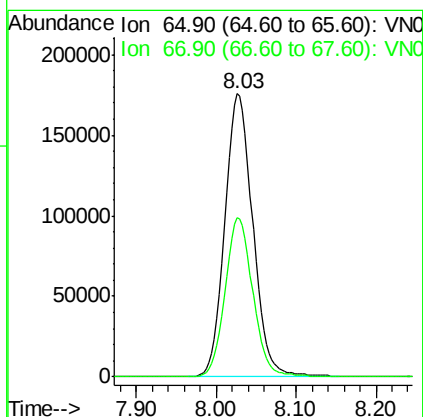
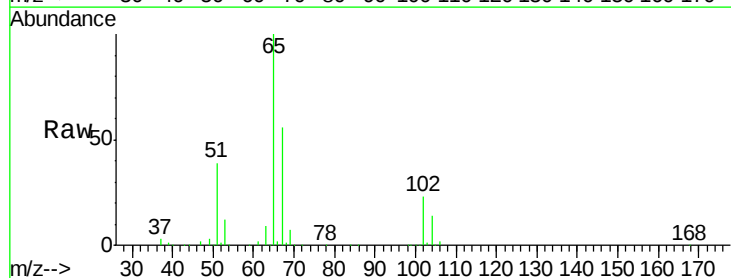
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-1

Tot Ion: 43 Resp: 4998
 Ion Ratio Lower Upper
 43 100
 72 29.2 22.0 33.0



#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053603.D
 Acq: 4 Feb 2019 18:10

Tgt Ion: 65 Resp: 421054
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.2

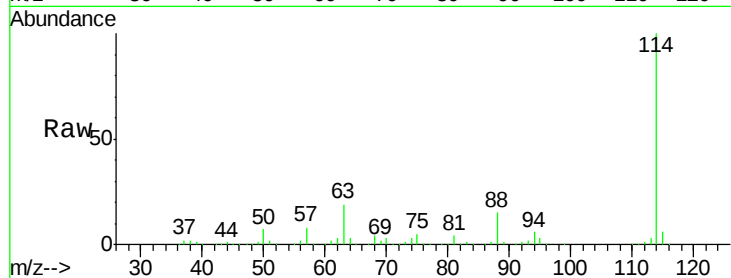




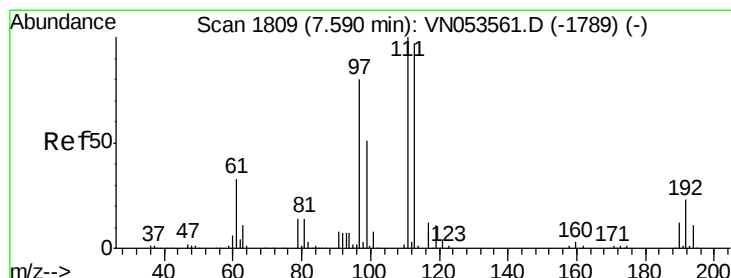
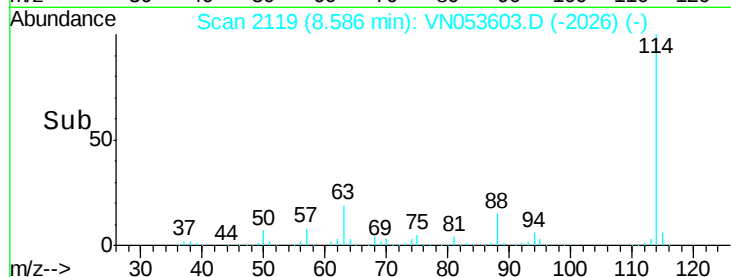
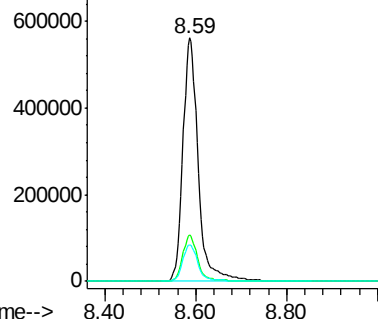
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053603.D
Acq: 4 Feb 2019 18:10

Instrument :
MSVOA_N
ClientSampleId :
SPLP-LEACH-AMND-COMP-1

Tot Ion:114 Resp: 1316556
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.1 0.0 30.4

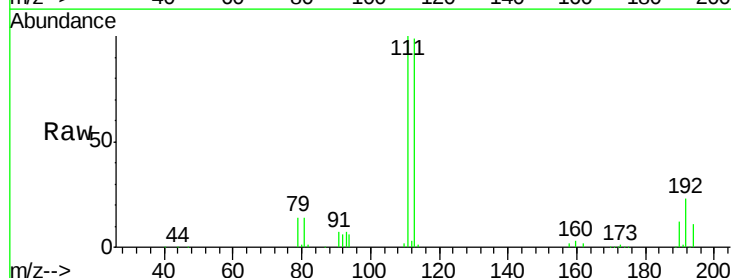


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

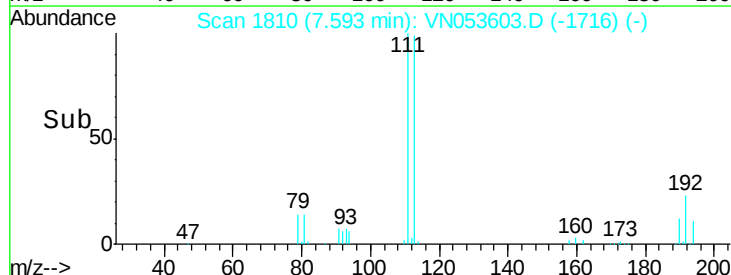
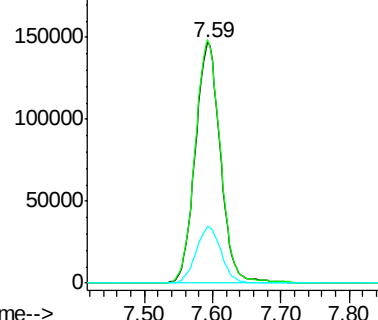


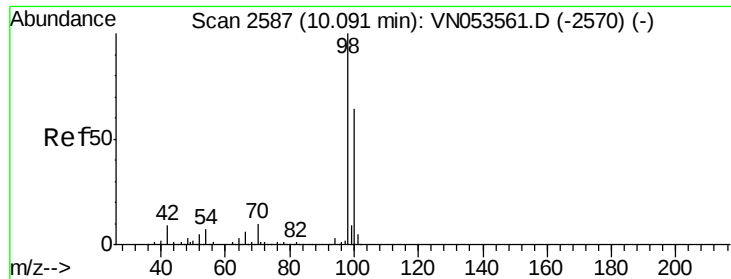
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053603.D
Acq: 4 Feb 2019 18:10

Tgt Ion:113 Resp: 377026
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 23.2 18.2 27.2



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053603.D

Acq: 4 Feb 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

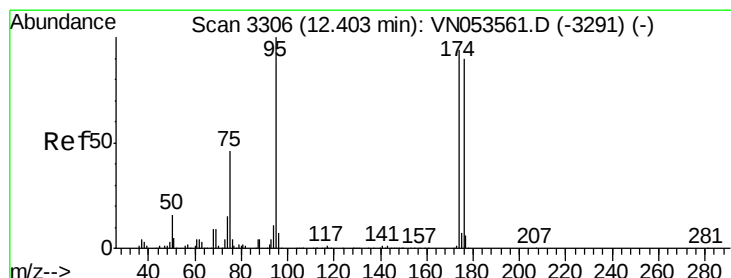
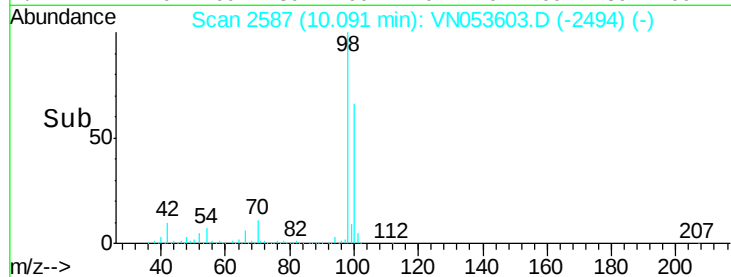
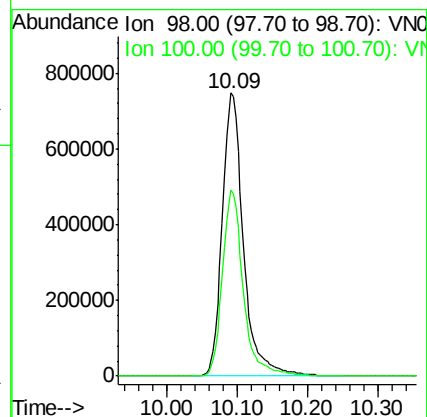
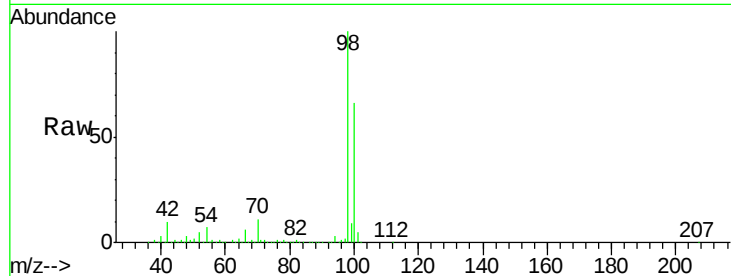
SPLP-LEACH-AMND-COMP-1

Tot Ion: 98 Resp: 1564509

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053603.D

Acq: 4 Feb 2019 18:10

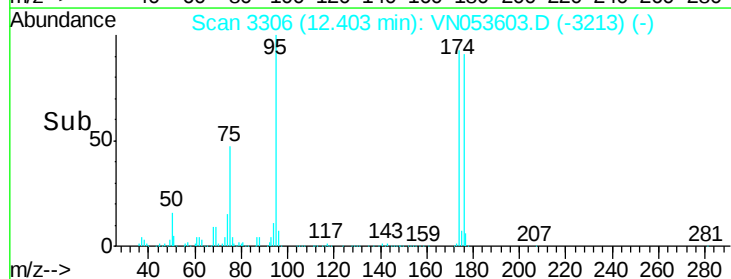
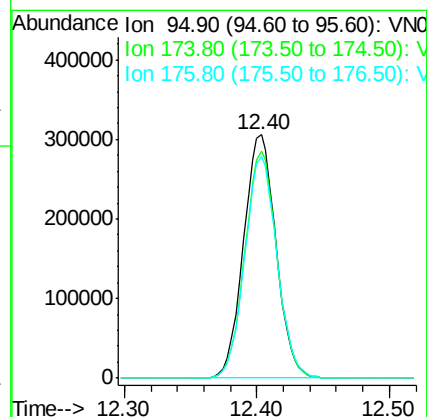
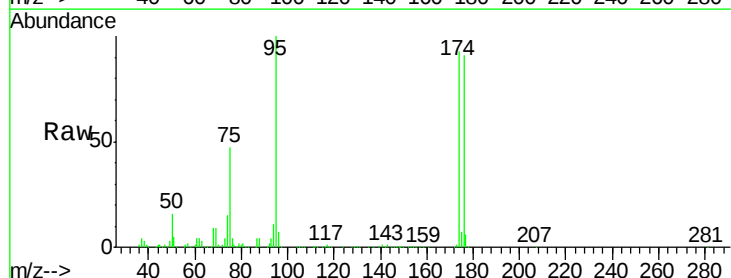
Tgt Ion: 95 Resp: 519417

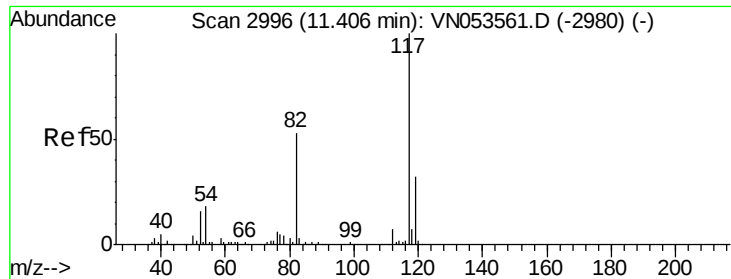
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.2

176 90.5 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053603.D

Acq: 4 Feb 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

SPLP-LEACH-AMND-COMP-1

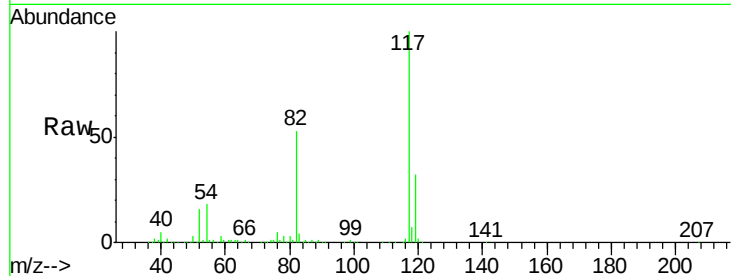
Tot Ion:117 Resp: 1161983

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

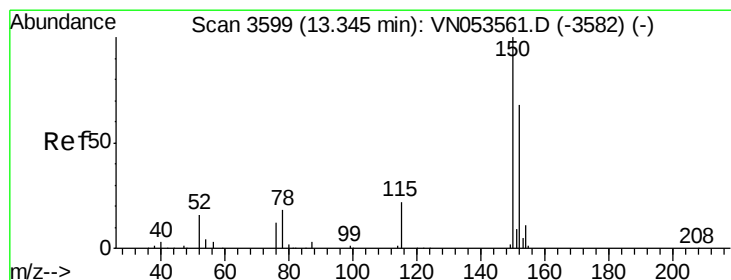
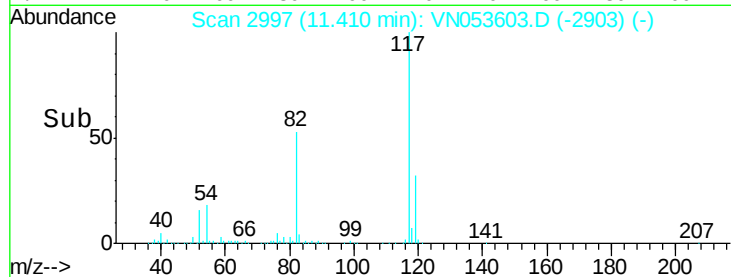
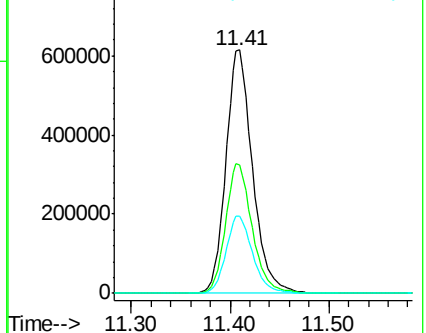
119 32.0 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): 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: VN053603.D

Acq: 4 Feb 2019 18:10

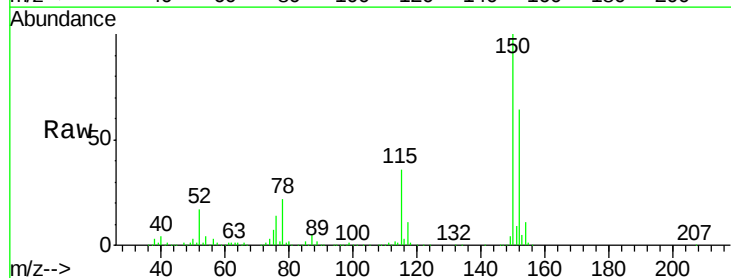
Tgt Ion:152 Resp: 507837

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

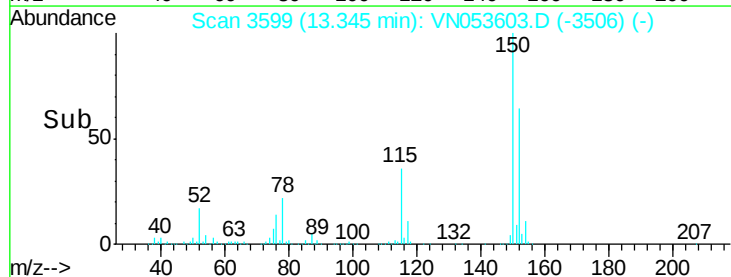
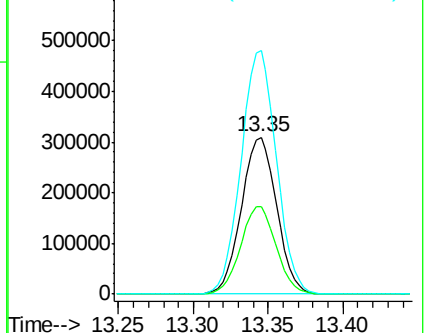
150 156.0 0.0 349.0

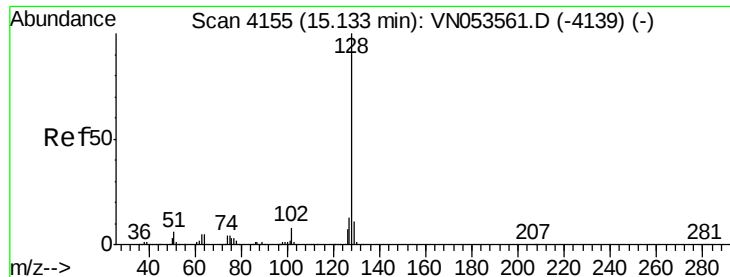


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

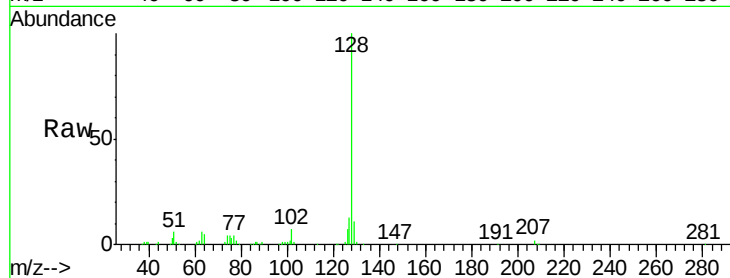




#95
Naphthalene
Concen: 11.350 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053603.D
Acq: 4 Feb 2019 18:10

Instrument :
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SPLP-LEACH-AMND-COMP-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

