

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054003.D
 Acq On : 28 Feb 2019 14:47
 Operator : JC/SP
 Sample : K1358-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-022719

Quant Time: Mar 01 04:44:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

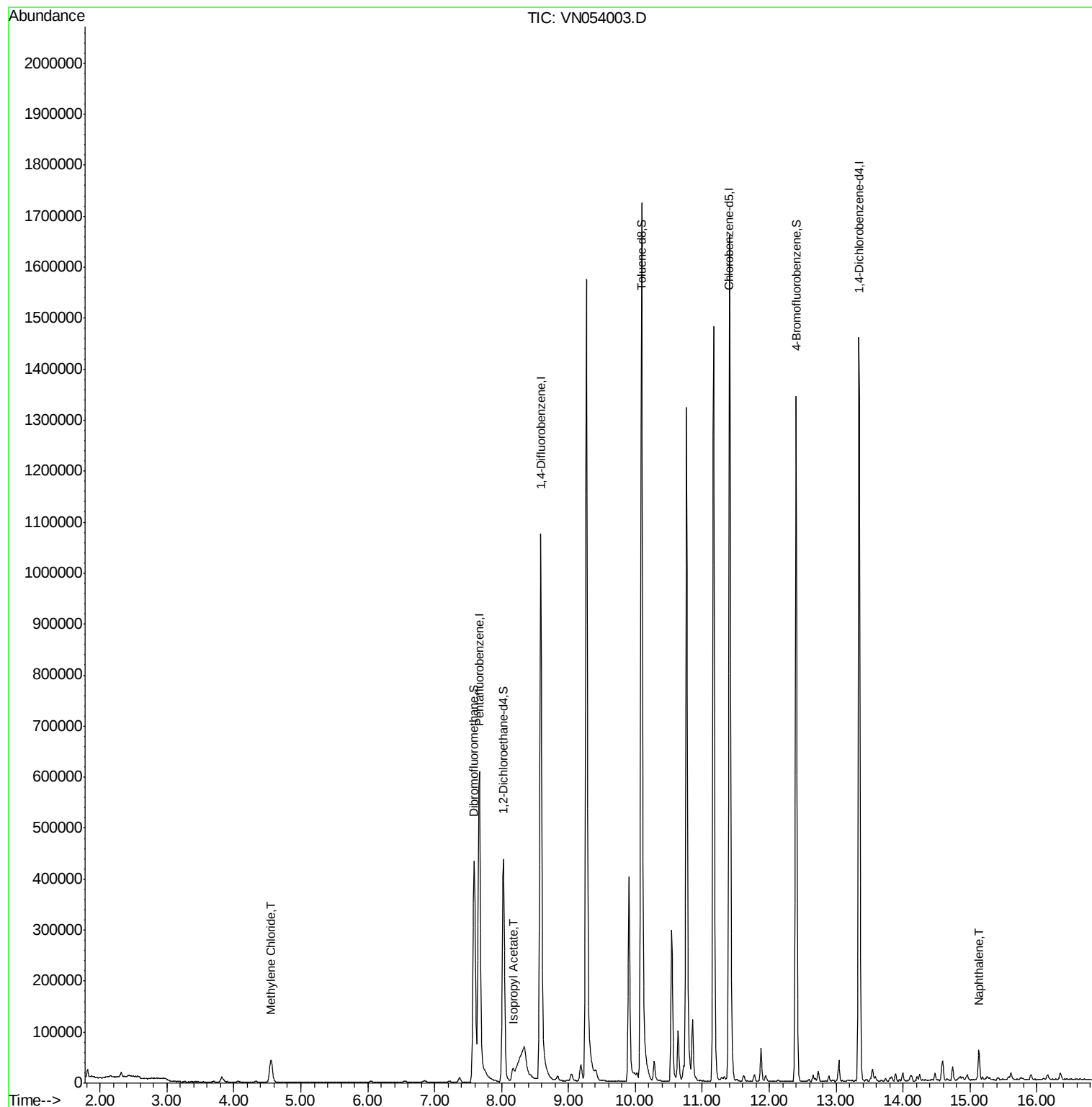
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	580916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1058001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	377078	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.74%	
35) Dibromofluoromethane	7.59	113	340041	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.09	98	1361972	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
62) 4-Bromofluorobenzene	12.40	95	464446	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
Target Compounds						
20) Methylene Chloride	4.55	84	33921	5.033	ug/l	96
43) Isopropyl Acetate	8.17	43	34581	2.943	ug/l #	89
95) Naphthalene	15.13	128	48877	6.085	ug/l	97

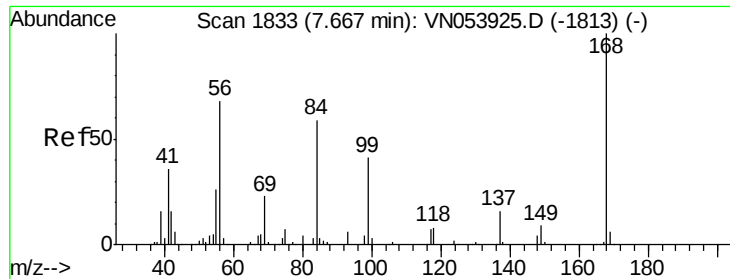
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054003.D

Acq: 28 Feb 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

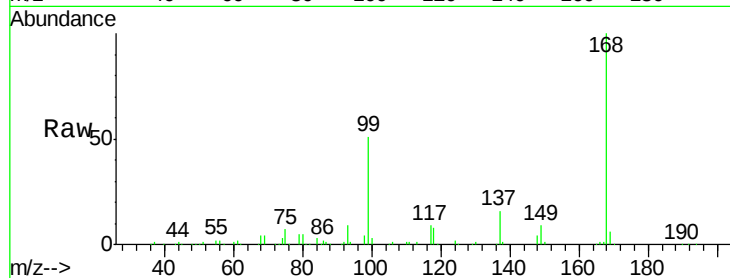
TR-05-022719

Tot Ion:168 Resp: 580916

Ion Ratio Lower Upper

168 100

99 51.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

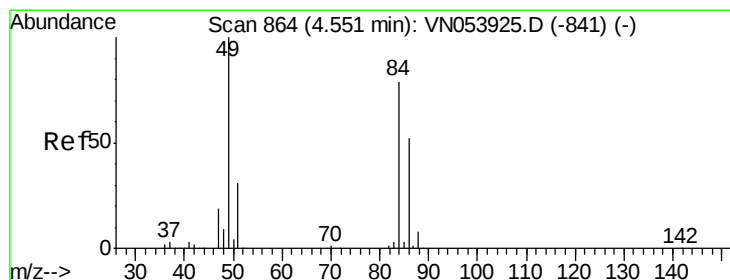
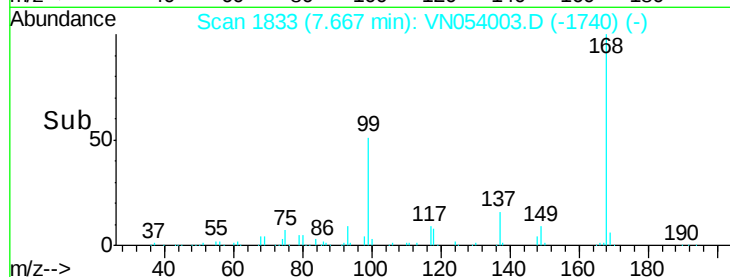
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.033 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054003.D

Acq: 28 Feb 2019 14:47

Tgt Ion: 84 Resp: 33921

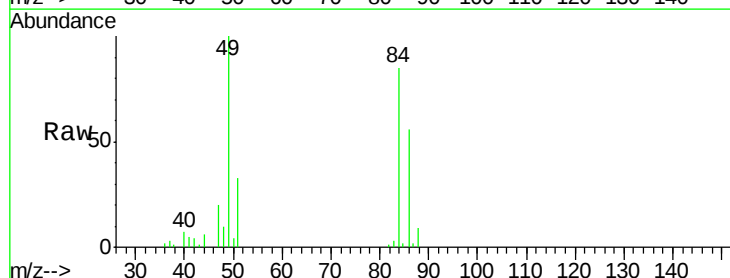
Ion Ratio Lower Upper

84 100

49 116.5 89.7 134.5

51 38.6 27.8 41.8

86 65.9 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

20000

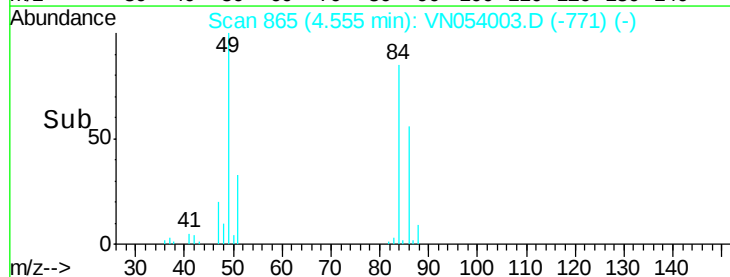
15000

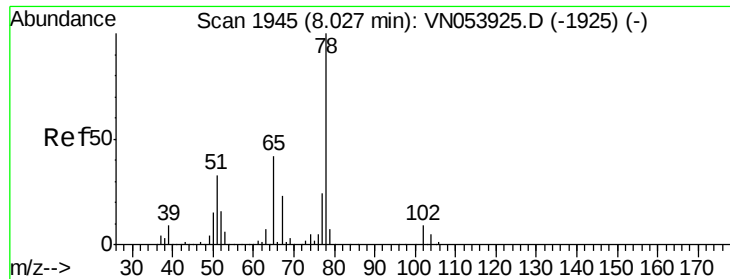
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.374 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054003.D

Acq: 28 Feb 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

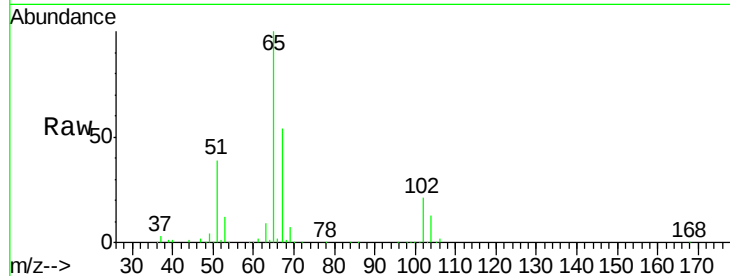
TR-05-022719

Tot Ion: 65 Resp: 377078

Ion Ratio Lower Upper

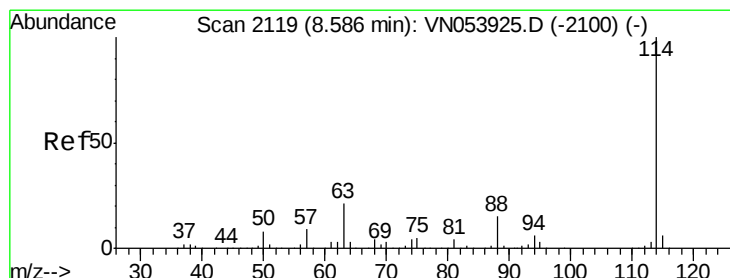
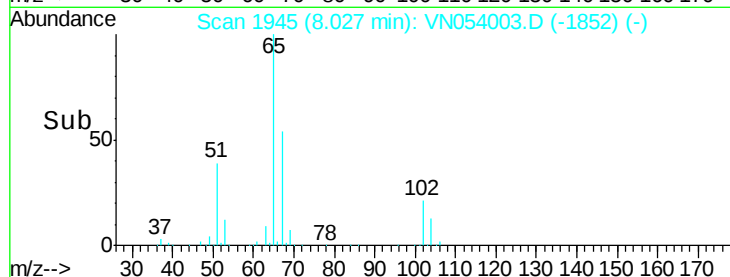
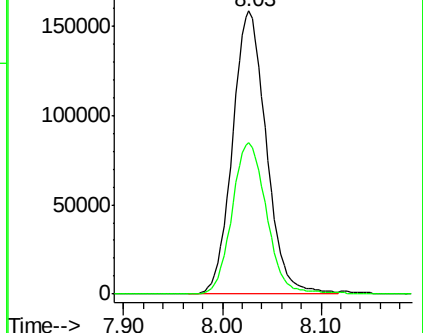
65 100

67 54.5 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN054003.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054003.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054003.D

Acq: 28 Feb 2019 14:47

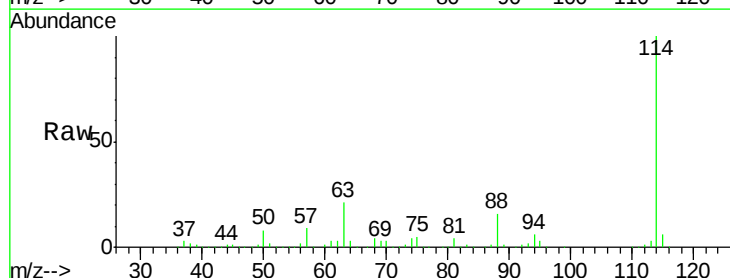
Tgt Ion: 114 Resp: 1048058

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

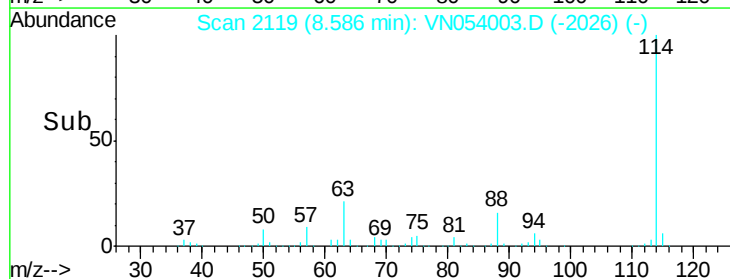
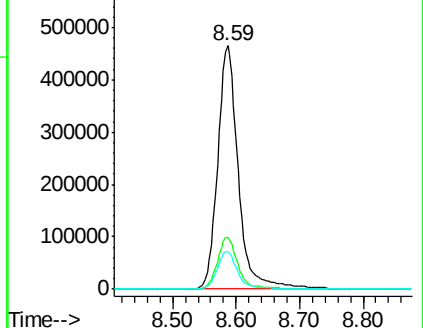
88 15.6 0.0 30.4

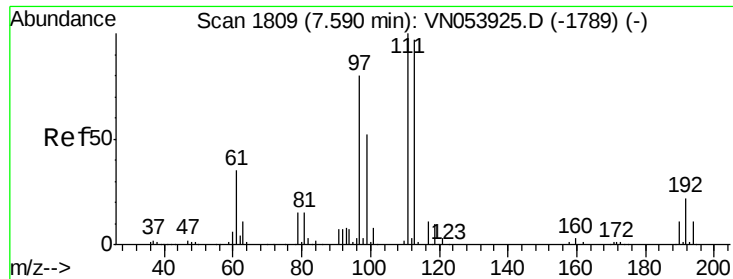


Abundance Ion 113.90 (113.60 to 114.60): VN054003.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054003.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054003.D (-2026) (-)

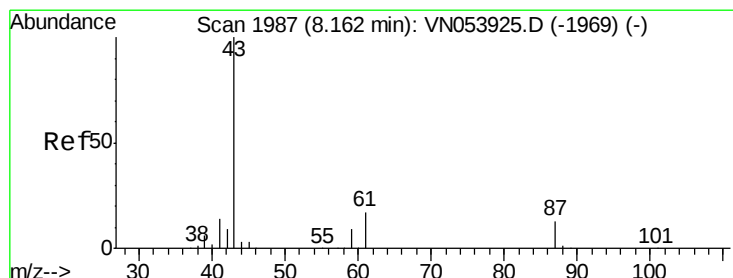
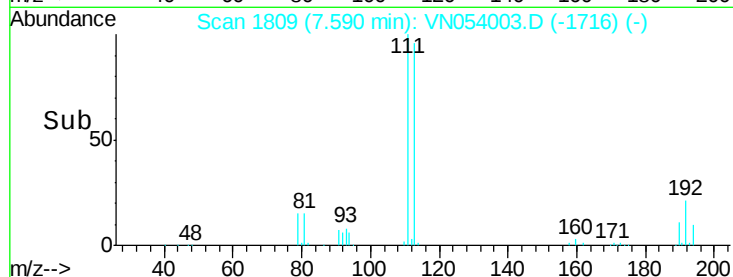
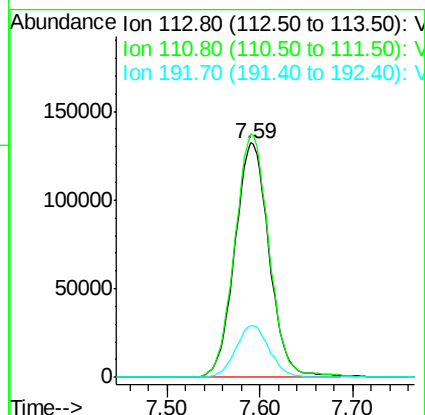
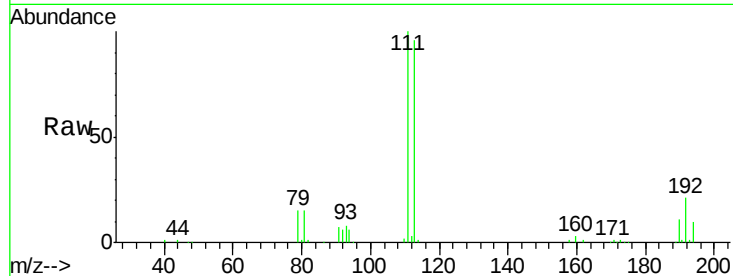




#35
 Dibromofluoromethane
 Concen: 50.173 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054003.D
 Acq: 28 Feb 2019 14:47

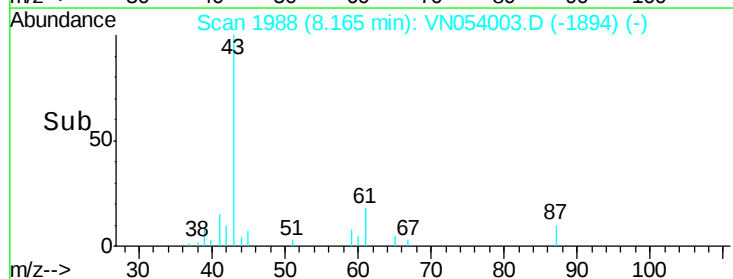
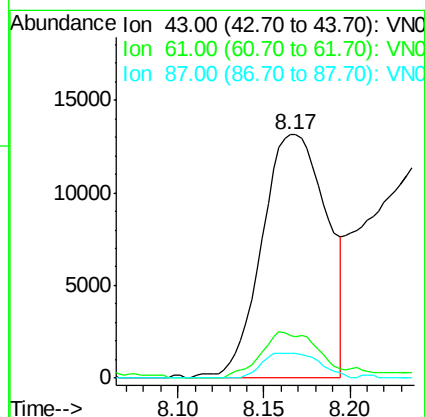
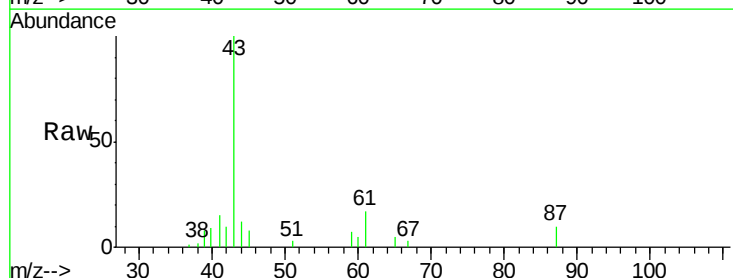
Instrument :
 MSVOA_N
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 TR-05-022719

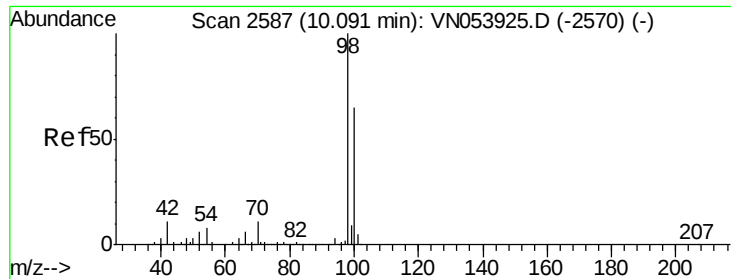
Tot Ion:113 Resp: 340041
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.1 121.7
 192 21.8 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.943 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN054003.D
 Acq: 28 Feb 2019 14:47

Tgt Ion: 43 Resp: 34581
 Ion Ratio Lower Upper
 43 100
 61 16.7 17.4 26.0#
 87 9.0 11.5 17.3#





#50

Toluene-d8

Concen: 53.984 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054003.D

Acq: 28 Feb 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

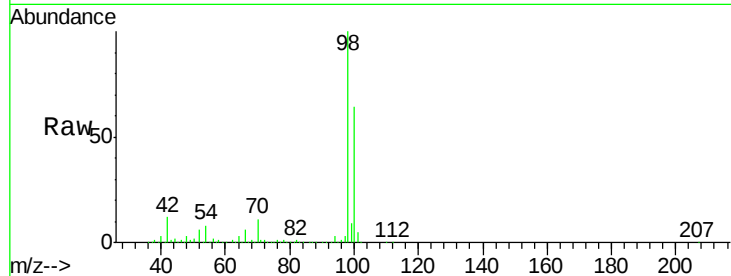
TR-05-022719

Tot Ion: 98 Resp: 1361972

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

10.09

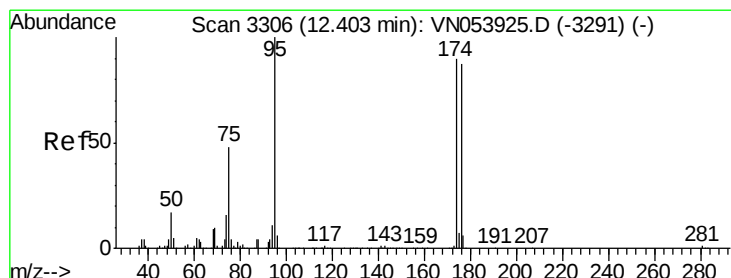
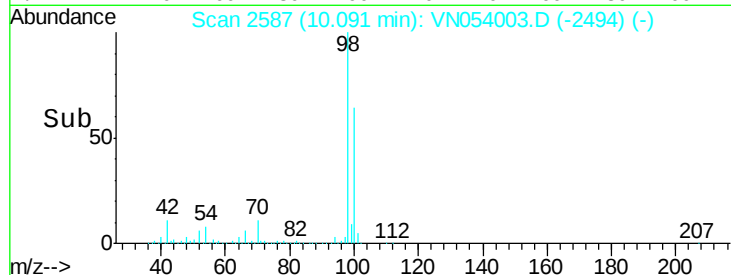
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.254 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054003.D

Acq: 28 Feb 2019 14:47

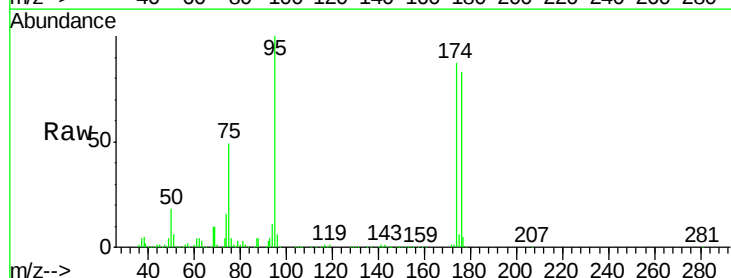
Tgt Ion: 95 Resp: 464446

Ion Ratio Lower Upper

95 100

174 86.4 0.0 188.8

176 82.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

12.40

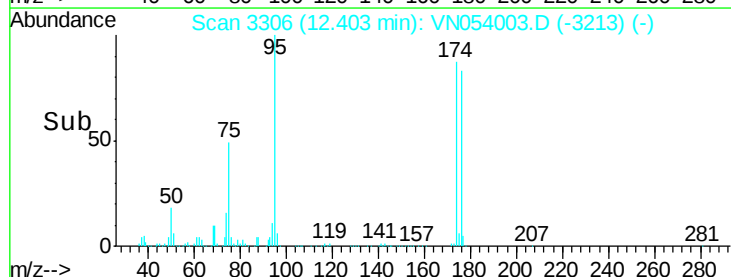
300000

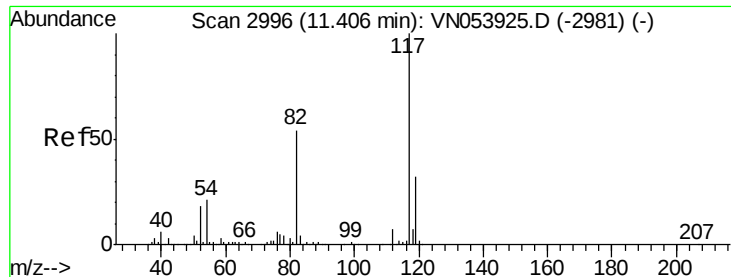
200000

100000

0

Time-->

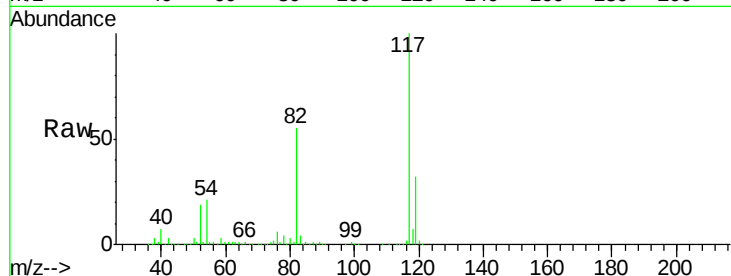




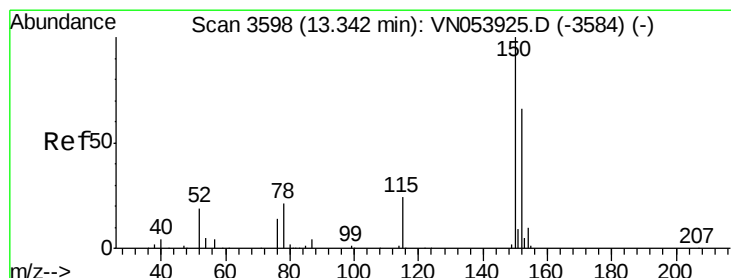
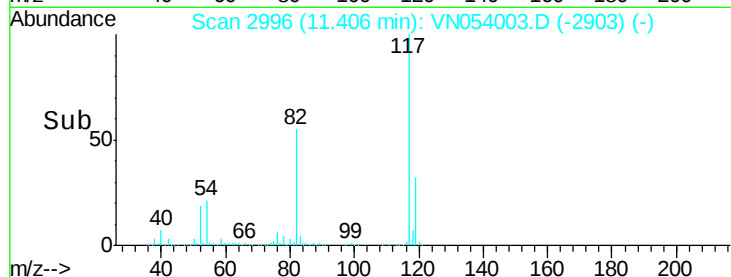
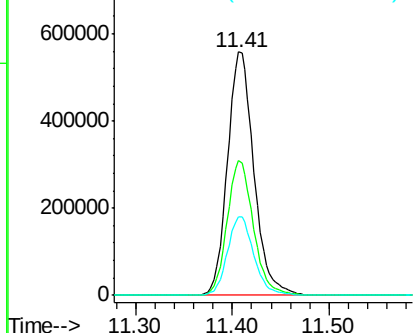
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054003.D
Acq: 28 Feb 2019 14:47

Instrument :
MSVOA_N
ClientSampleId :
TR-05-022719

Tot Ion:117 Resp: 1058001
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 32.5 25.3 37.9

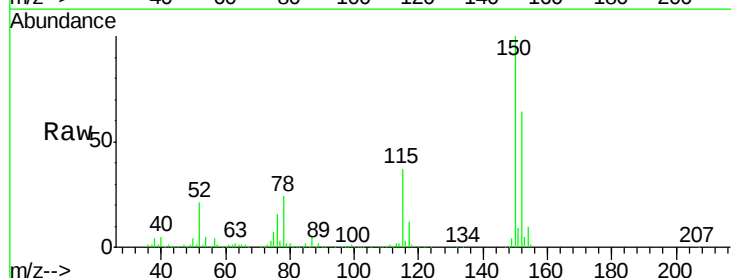


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

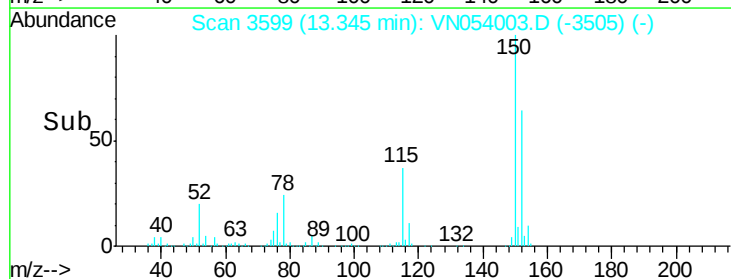
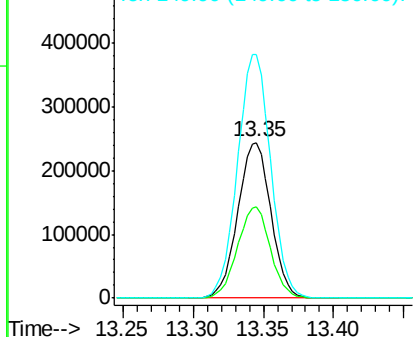


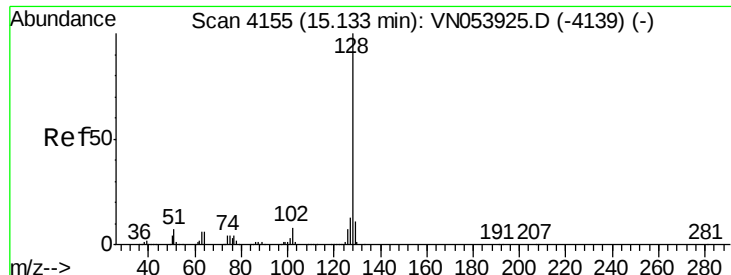
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054003.D
Acq: 28 Feb 2019 14:47

Tgt Ion:152 Resp: 402013
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 157.3 0.0 348.2



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: 6.085 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054003.D

Acq: 28 Feb 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

TR-05-022719

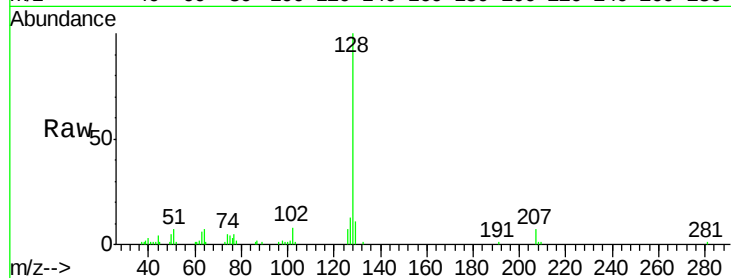
Tot Ion:128 Resp: 48877

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 12.3 8.6 12.8



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

