

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054950.D
 Acq On : 4 Apr 2019 16:26
 Operator : JC/SP
 Sample : K2258-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STONE

Quant Time: Apr 05 03:46:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

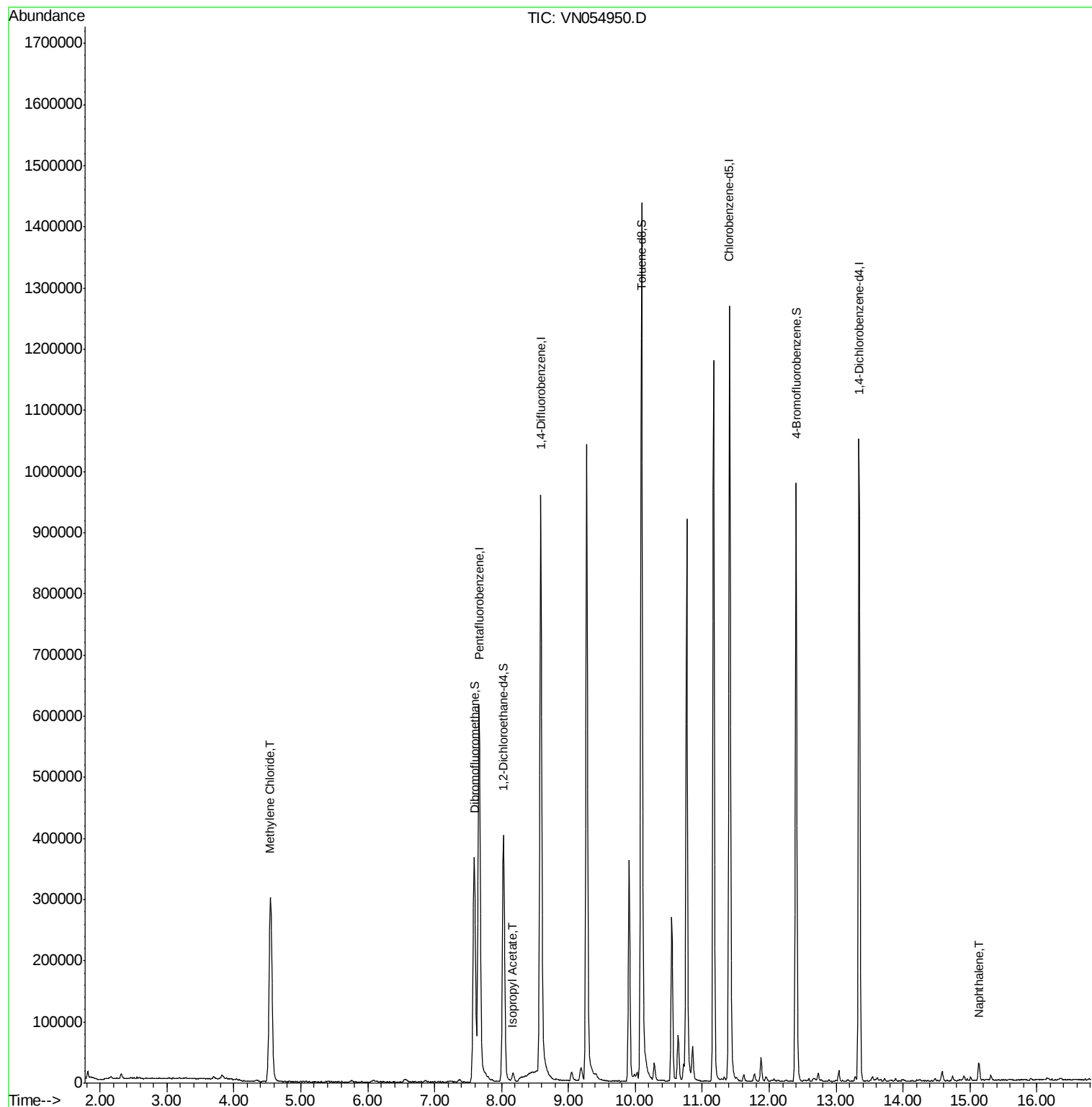
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	542181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	280936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348152	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	7.59	113	280014	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.09	98	1053609	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	329904	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
20) Methylene Chloride	4.55	84	215704	32.512	ug/l	99
43) Isopropyl Acetate	8.17	43	16508	1.652	ug/l #	93
95) Naphthalene	15.13	128	27411	5.298	ug/l	99

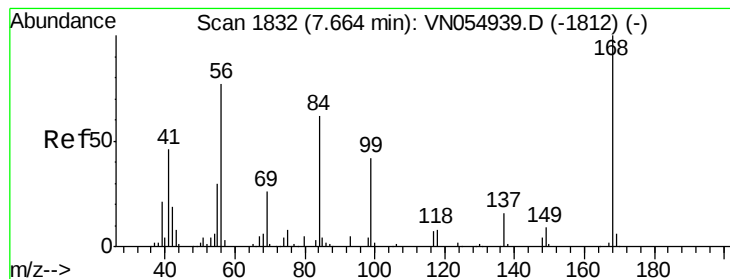
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
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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: VN054950.D

Acq: 4 Apr 2019 16:26

Instrument :

MSVOA_N

ClientSampleId :

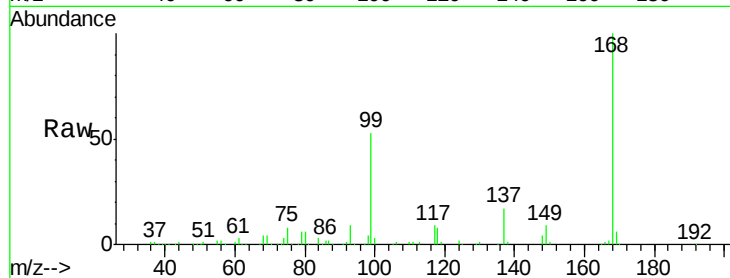
STONE

Tgt Ion:168 Resp: 542181

Ion Ratio Lower Upper

168 100

99 53.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

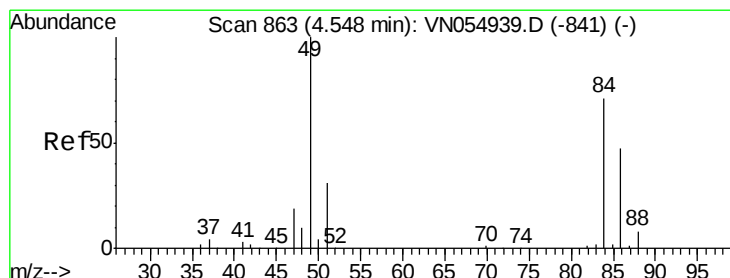
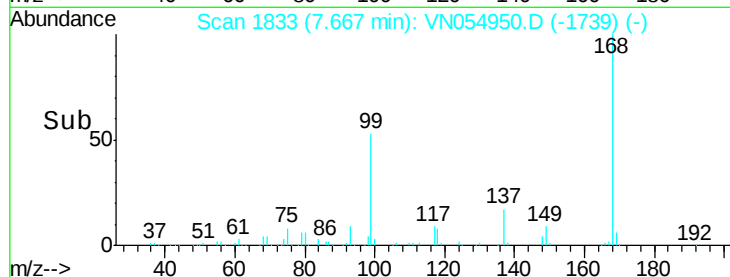
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 32.512 ug/l

RT: 4.55 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054950.D

Acq: 4 Apr 2019 16:26

Tgt Ion: 84 Resp: 215704

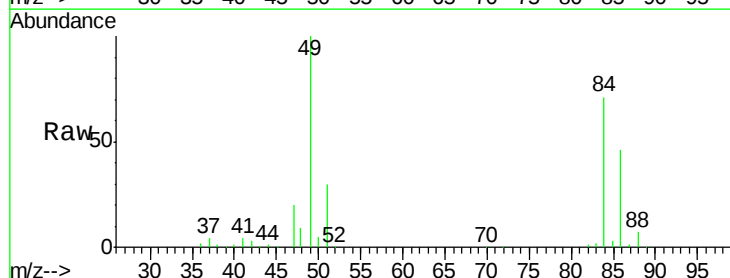
Ion Ratio Lower Upper

84 100

49 141.0 112.1 168.1

51 42.3 34.5 51.7

86 64.4 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

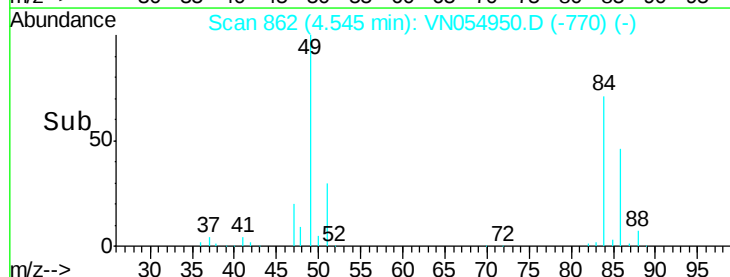
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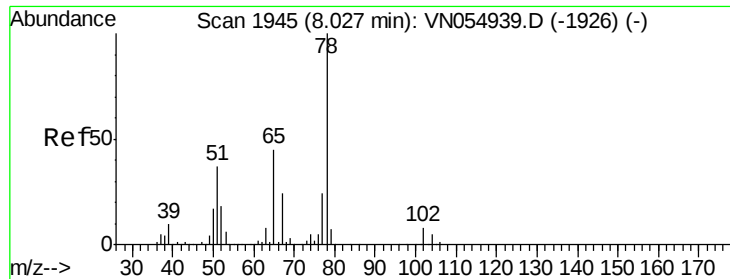
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Time-->

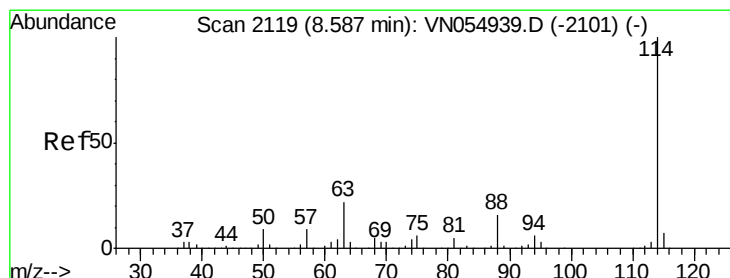
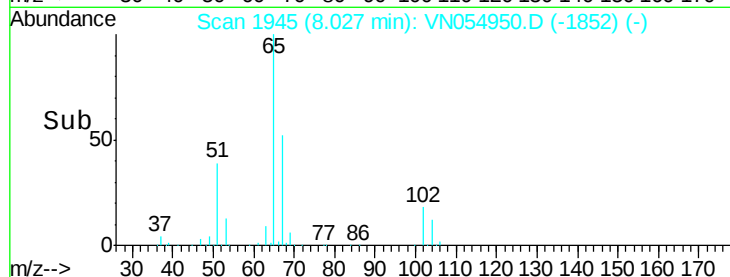
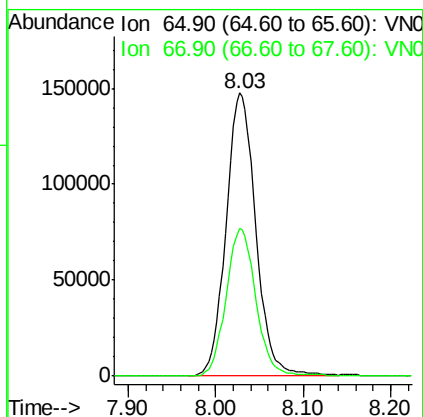
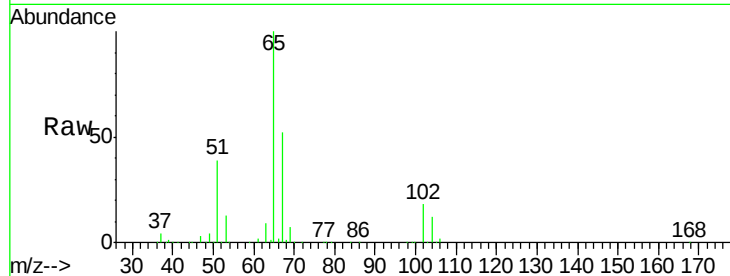




#33
 1,2-Dichloroethane-d4
 Concen: 48.703 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054950.D
 Acq: 4 Apr 2019 16:26

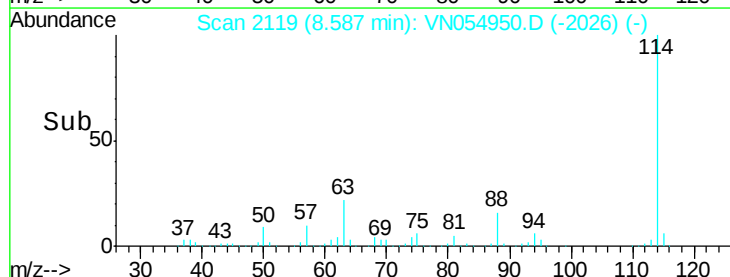
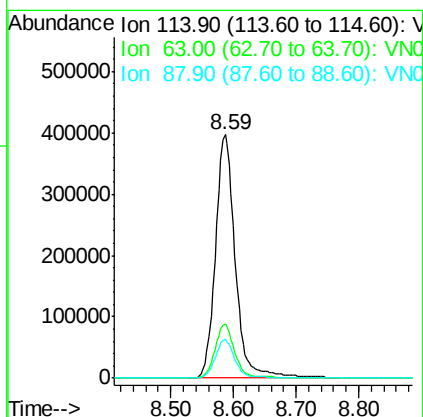
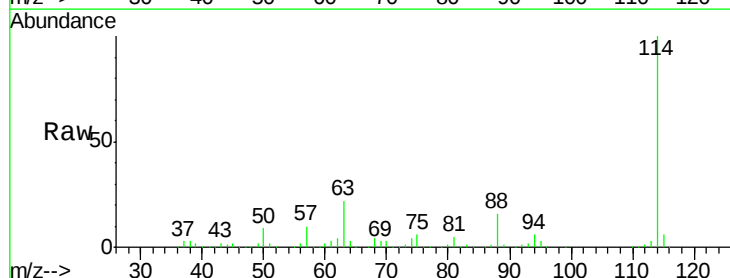
Instrument :
 MSVOA_N
 ClientSampleId :
 STONE

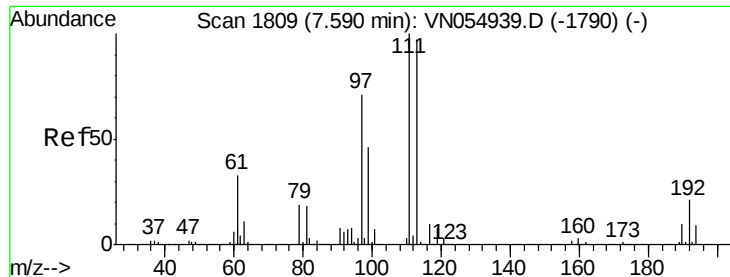
Tgt Ion: 65 Resp: 348152
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054950.D
 Acq: 4 Apr 2019 16:26

Tgt Ion: 114 Resp: 872028
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.6
 88 15.7 0.0 32.0

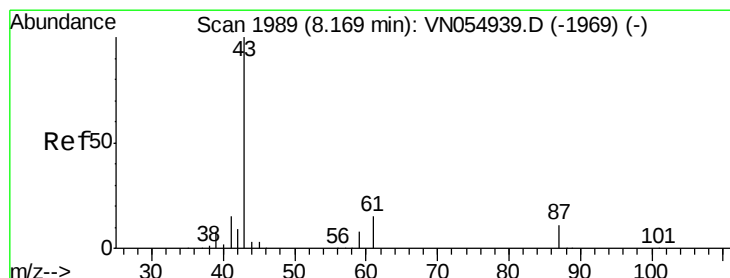
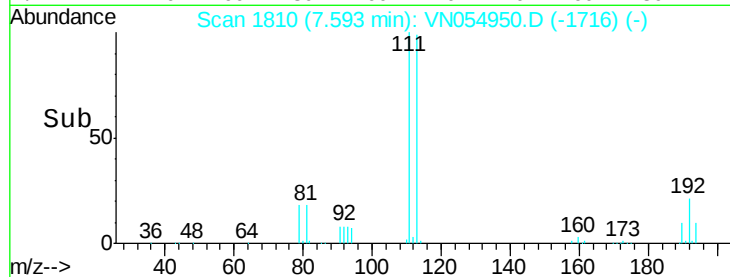
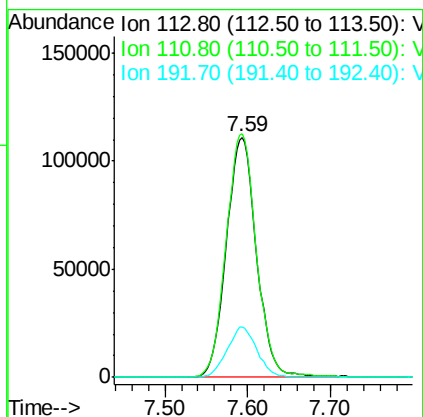
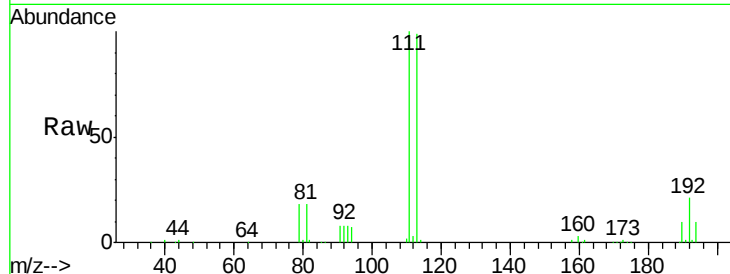




#35
 Dibromofluoromethane
 Concen: 49.328 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054950.D
 Acq: 4 Apr 2019 16:26

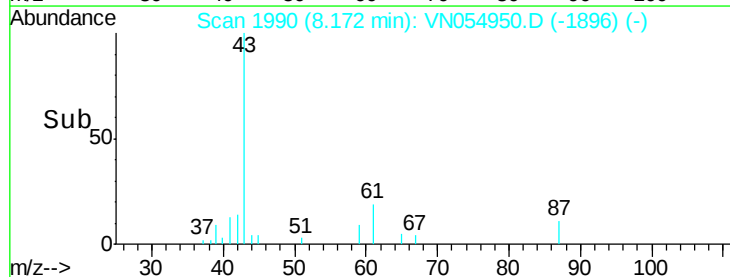
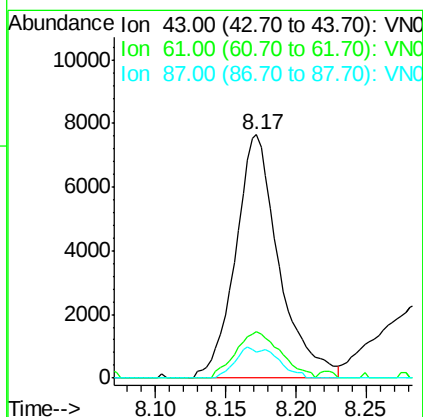
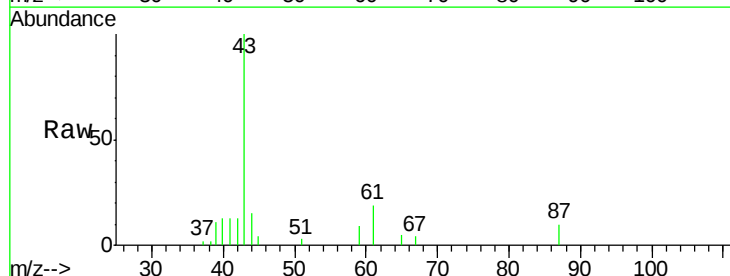
Instrument :
 MSVOA_N
 ClientSampled :
 STONE

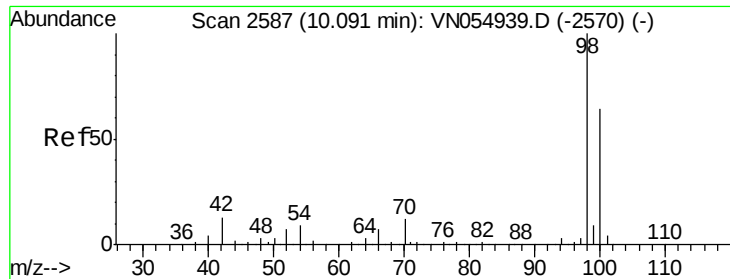
Tgt Ion: 113 Resp: 280014
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.4
 192 20.7 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.652 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054950.D
 Acq: 4 Apr 2019 16:26

Tgt Ion: 43 Resp: 16508
 Ion Ratio Lower Upper
 43 100
 61 19.6 14.4 21.6
 87 6.4 9.0 13.4#





#50

Toluene-d8

Concen: 48.916 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054950.D

Acq: 4 Apr 2019 16:26

Instrument :

MSVOA_N

ClientSampleId :

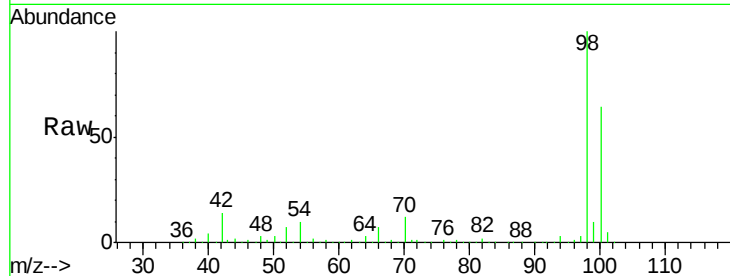
STONE

Tgt Ion: 98 Resp: 1053609

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN054939.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054939.D (-2570) (-)

10.09

600000

500000

400000

300000

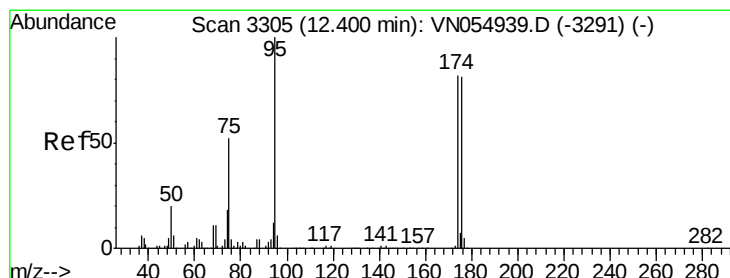
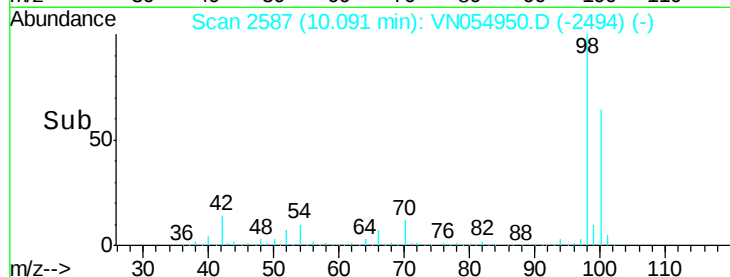
200000

100000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 45.896 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054950.D

Acq: 4 Apr 2019 16:26

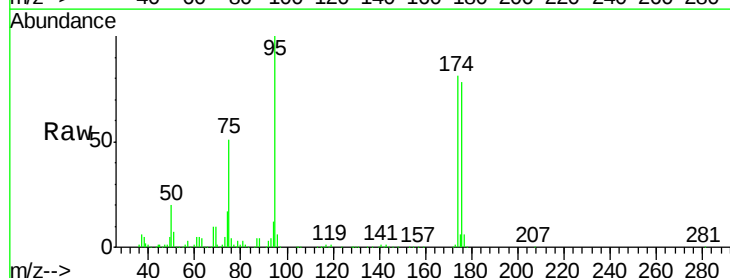
Tgt Ion: 95 Resp: 329904

Ion Ratio Lower Upper

95 100

174 84.1 0.0 166.2

176 82.0 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VN054939.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054939.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054939.D (-3291) (-)

12.40

250000

200000

150000

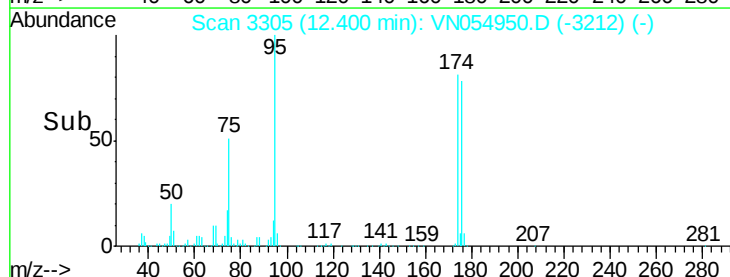
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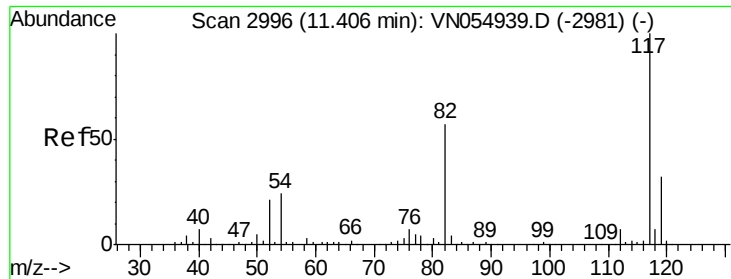
50000

0

Time-->

12.30 12.40 12.50

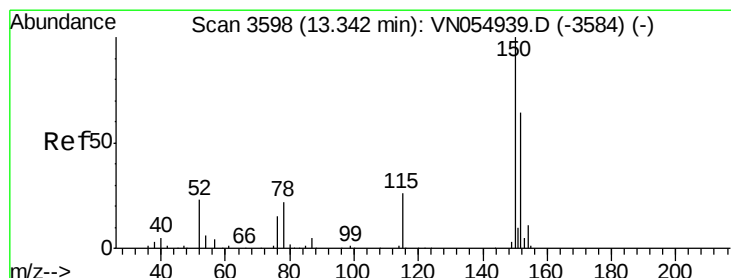
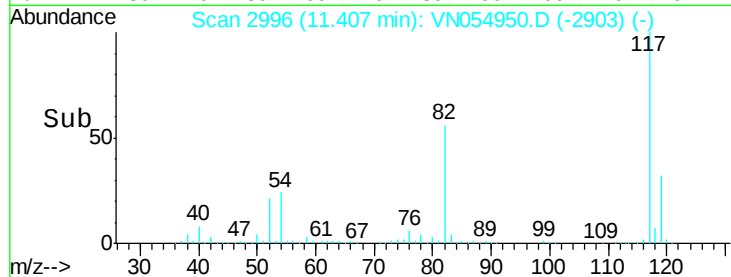
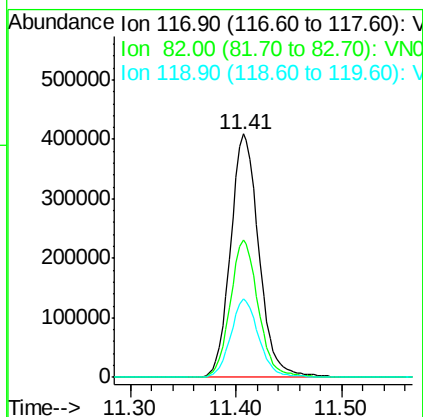
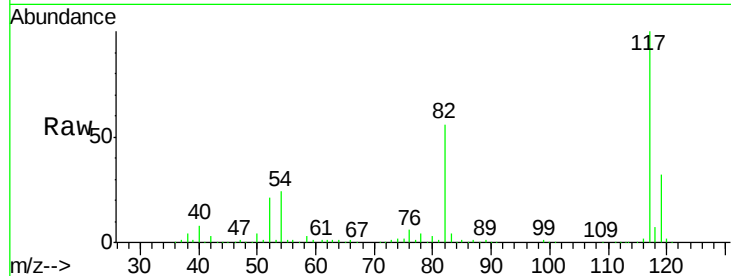




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054950.D
Acq: 4 Apr 2019 16:26

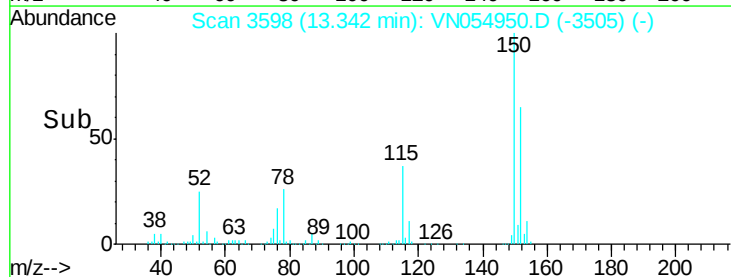
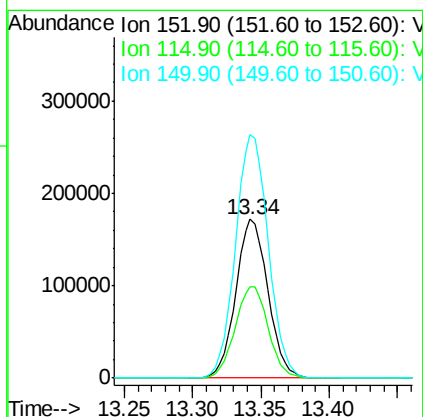
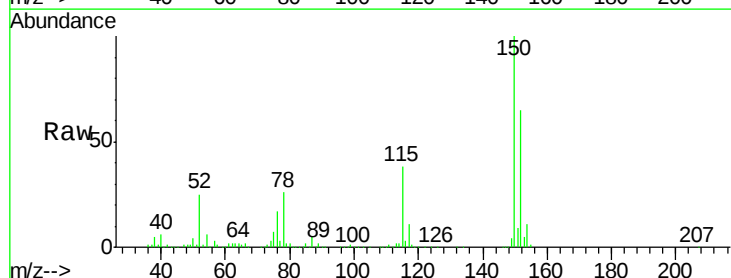
Instrument :
MSVOA_N
ClientSampled :
STONE

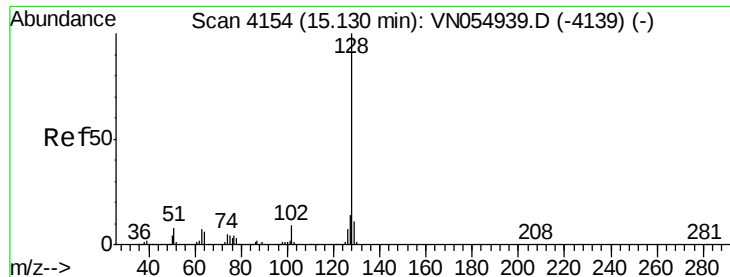
Tgt Ion:117 Resp: 762579
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054950.D
Acq: 4 Apr 2019 16:26

Tgt Ion:152 Resp: 280936
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 156.7 0.0 345.4





#95

Naphthalene

Concen: 5.298 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054950.D

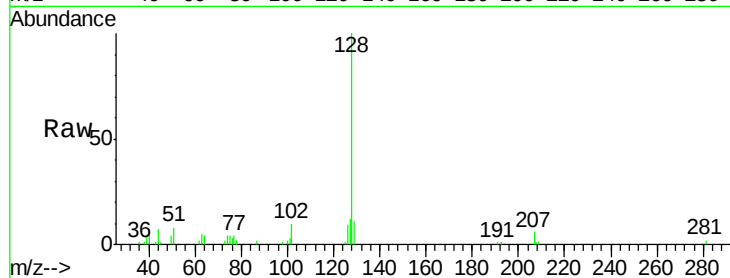
Acq: 4 Apr 2019 16:26

Instrument :

MSVOA_N

ClientSampleId :

STONE



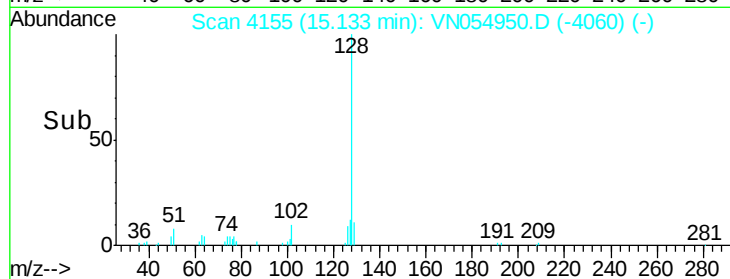
Tgt Ion:128 Resp: 27411

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.7 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

