

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051495.D
 Acq On : 25 Sep 2018 20:22
 Operator : MD\SY
 Sample : PB113167TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167TB

Quant Time: Sep 26 04:43:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

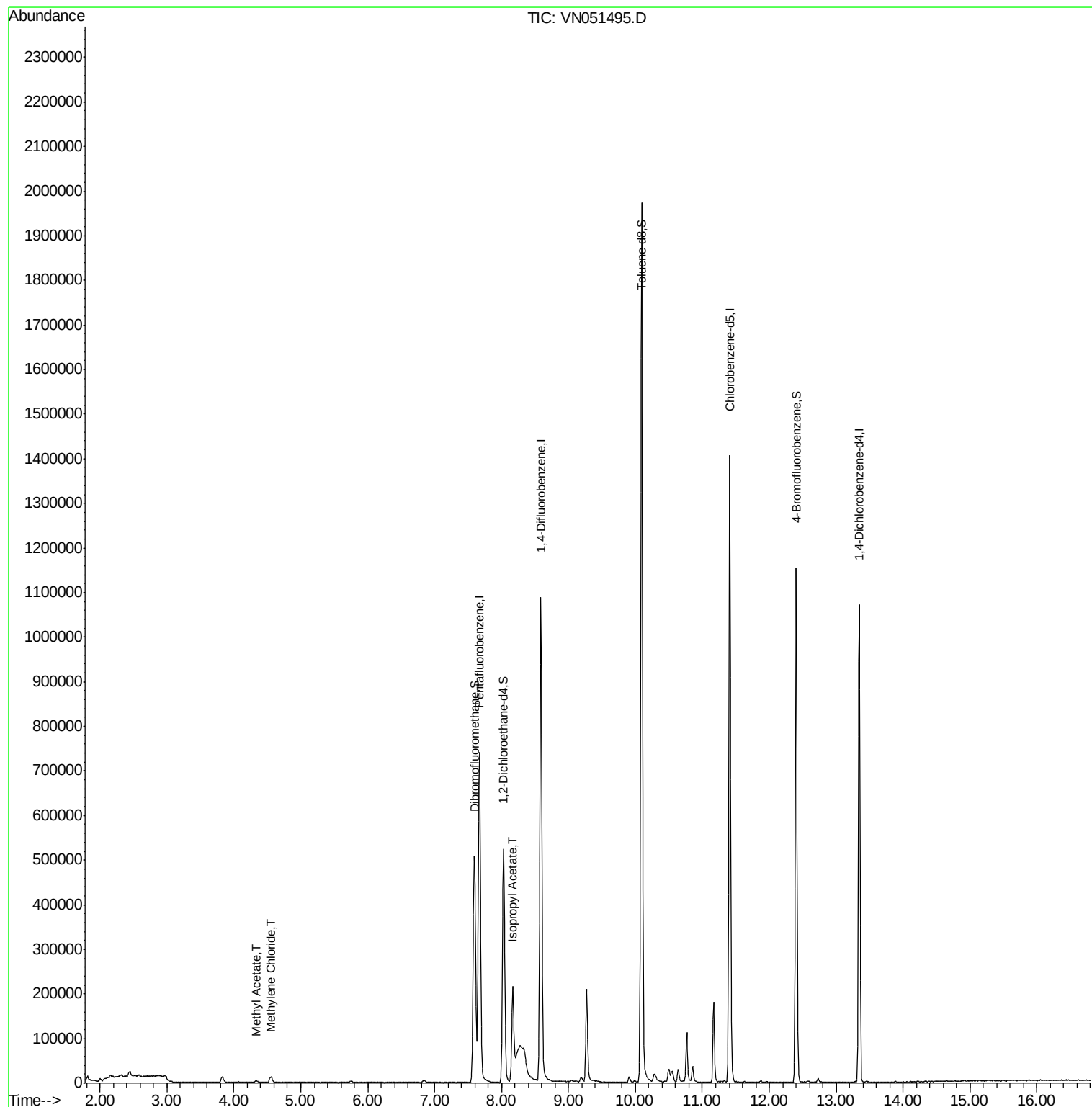
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	644960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1009465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452048	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	7.59	113	392522	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.09	98	1422362	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	12.40	95	385779	39.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.46%	
Target Compounds						
18) Methyl Acetate	4.34	43	8135	1.322	ug/l	91
20) Methylene Chloride	4.55	84	9769	1.222	ug/l	85
43) Isopropyl Acetate	8.17	43	263959	21.718	ug/l	97

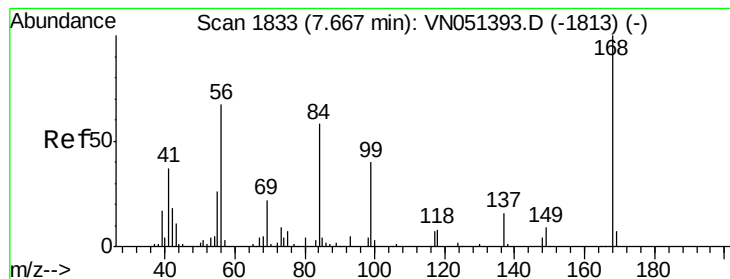
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
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QLast Update : Mon Sep 24 06:41:32 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: VN051495.D

Acq: 25 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

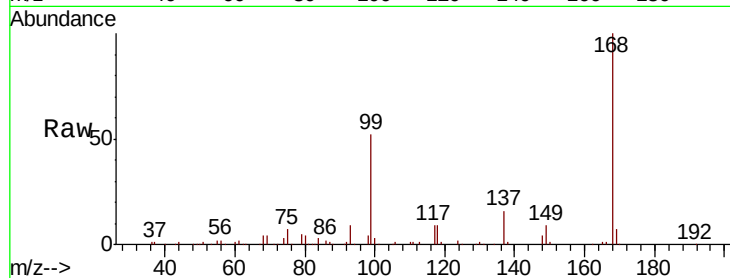
PB113167TB

Tgt Ion:168 Resp: 644960

Ion Ratio Lower Upper

168 100

99 51.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

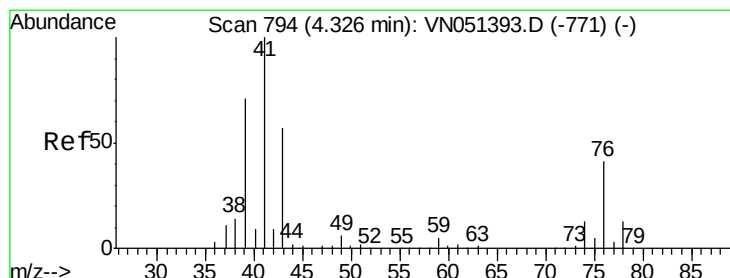
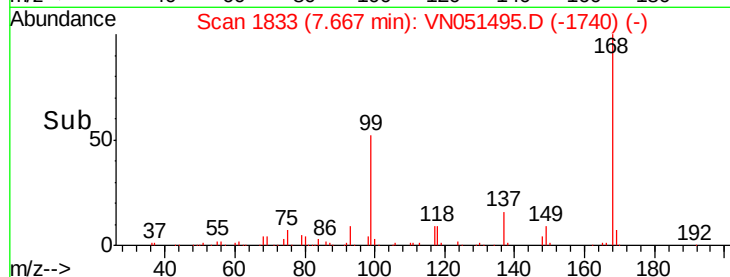
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.322 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051495.D

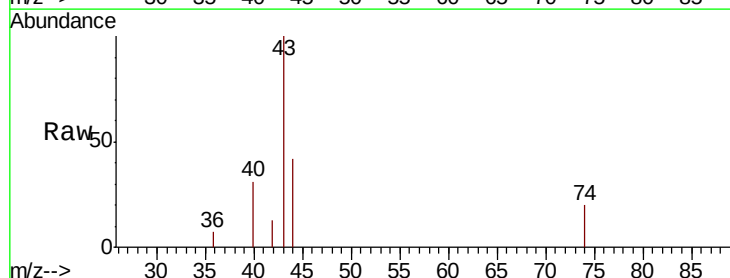
Acq: 25 Sep 2018 20:22

Tgt Ion: 43 Resp: 8135

Ion Ratio Lower Upper

43 100

74 19.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.34

3000

2500

2000

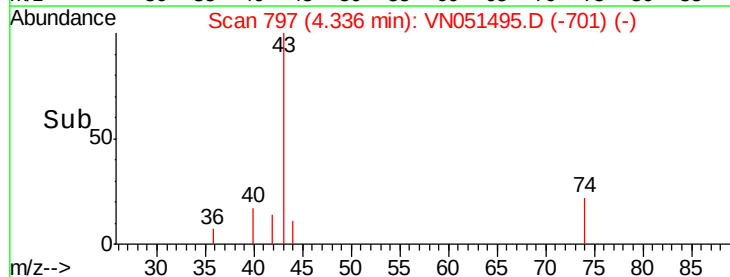
1500

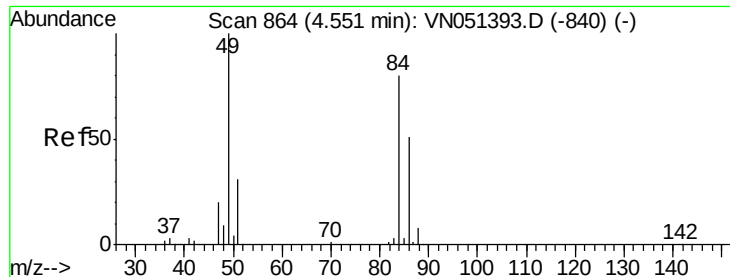
1000

500

0

Time-->

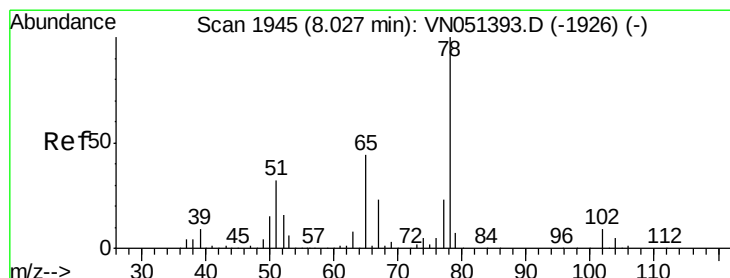
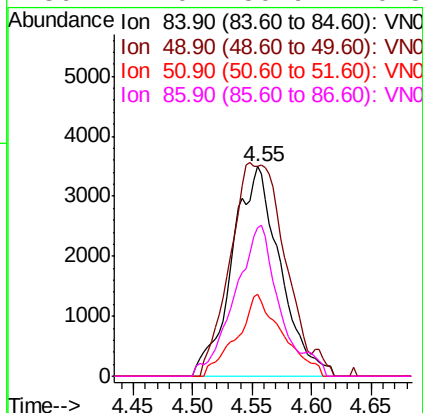
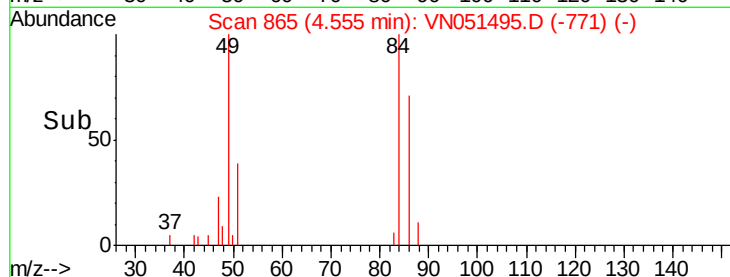
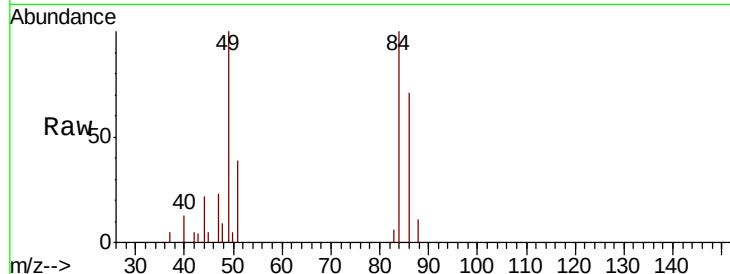




#20
Methylene Chloride
Concen: 1.222 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051495.D
Acq: 25 Sep 2018 20:22

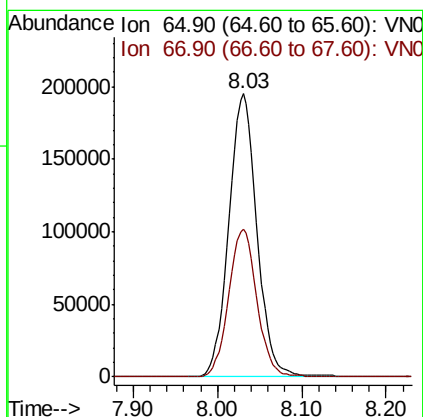
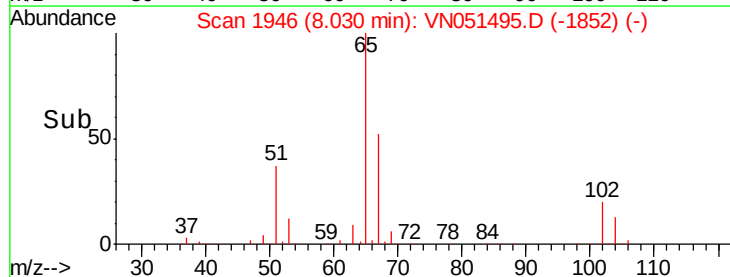
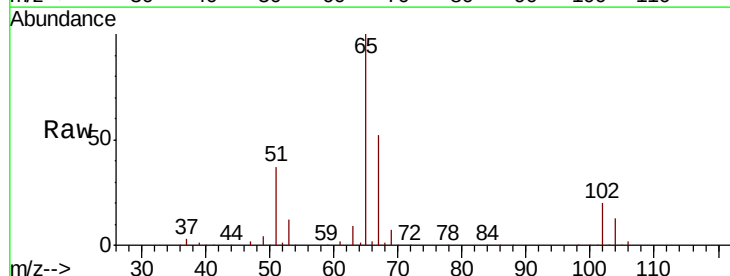
Instrument :
MSVOA_N
ClientSampled :
PB113167TB

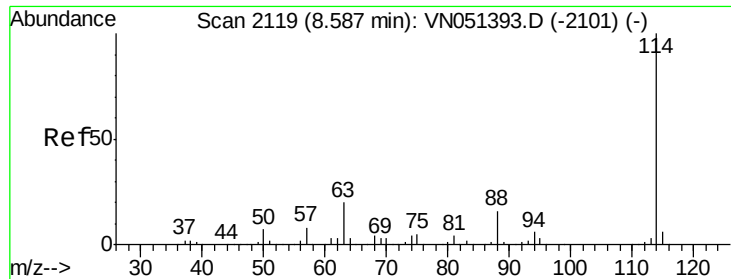
Tgt Ion: 84 Resp: 9769
Ion Ratio Lower Upper
84 100
49 100.1 99.9 149.9
51 38.9 31.4 47.2
86 71.0 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 55.951 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051495.D
Acq: 25 Sep 2018 20:22

Tgt Ion: 65 Resp: 452048
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.8

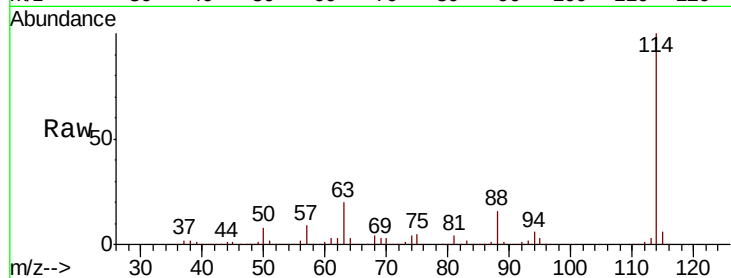




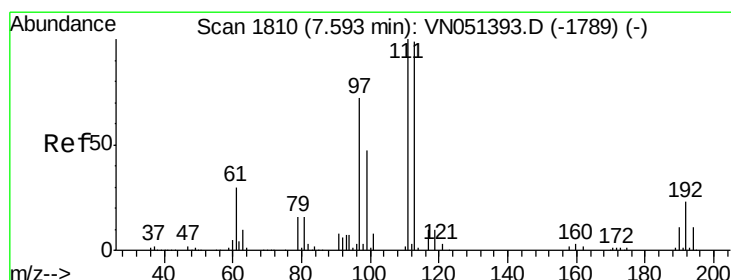
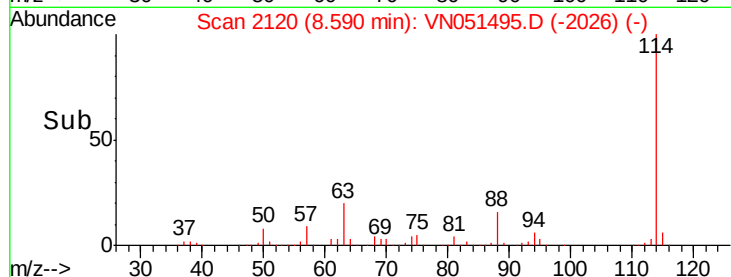
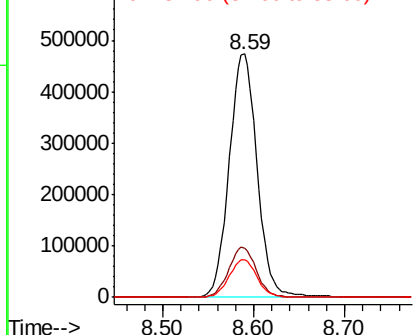
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051495.D
Acq: 25 Sep 2018 20:22

Instrument :
MSVOA_N
ClientSampleId :
PB113167TB

Tgt Ion:114 Resp: 1009465
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.6 0.0 31.4

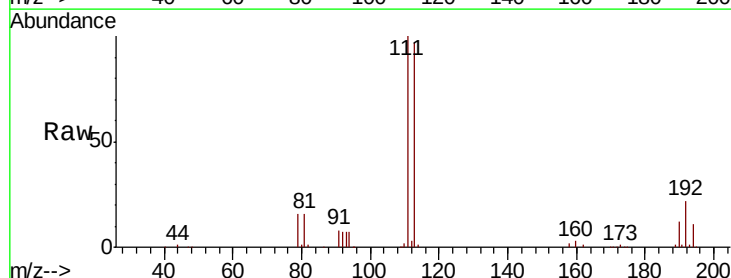


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

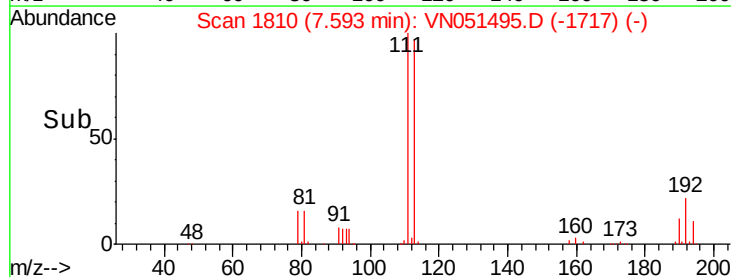
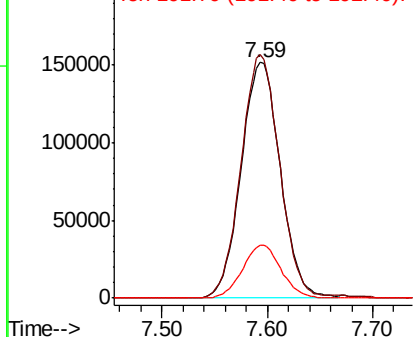


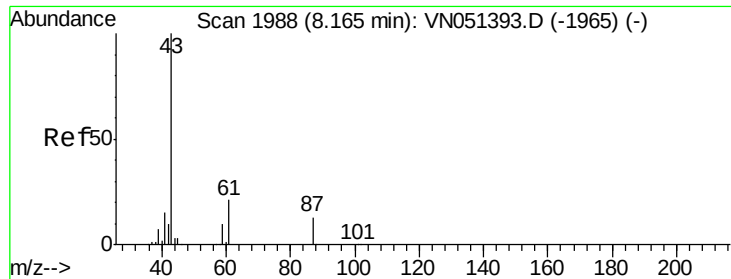
#35
Dibromofluoromethane
Concen: 48.626 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051495.D
Acq: 25 Sep 2018 20:22

Tgt Ion:113 Resp: 392522
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 22.2 18.0 27.0



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: 21.718 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051495.D

Acq: 25 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampled :

PB113167TB

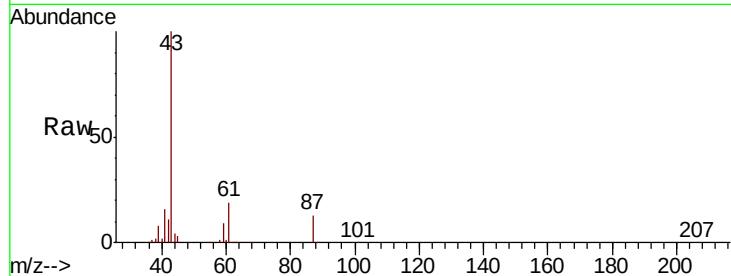
Tgt Ion: 43 Resp: 263959

Ion Ratio Lower Upper

43 100

61 19.5 16.8 25.2

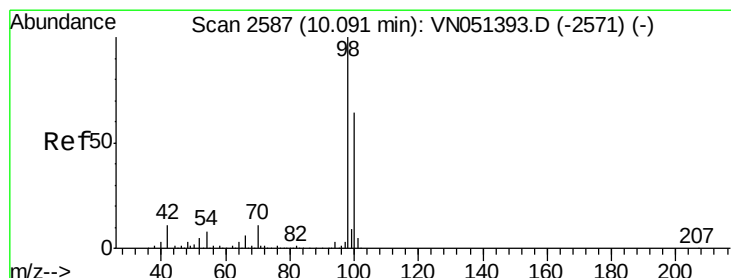
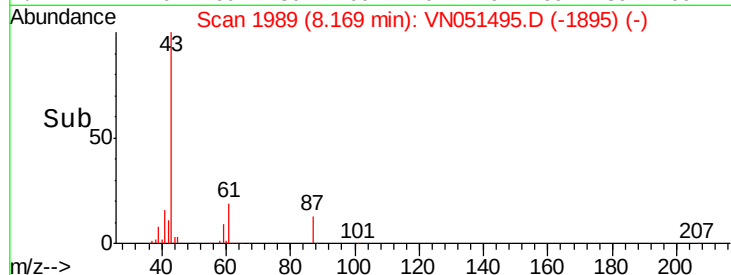
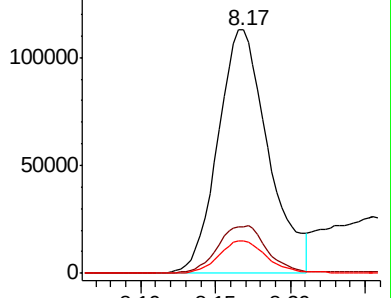
87 12.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#50

Toluene-d8

Concen: 46.793 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051495.D

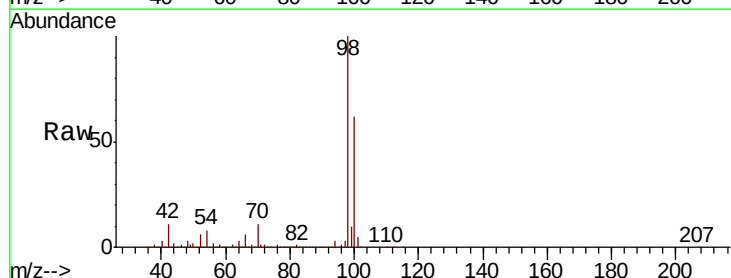
Acq: 25 Sep 2018 20:22

Tgt Ion: 98 Resp: 1422362

Ion Ratio Lower Upper

98 100

100 62.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

Ion 110.00 (109.70 to 110.70): VN051393.D (-2571) (-)

Ion 112.00 (111.70 to 112.70): VN051393.D (-2571) (-)

Ion 114.00 (113.70 to 114.70): VN051393.D (-2571) (-)

Ion 116.00 (115.70 to 116.70): VN051393.D (-2571) (-)

Ion 118.00 (117.70 to 118.70): VN051393.D (-2571) (-)

Ion 120.00 (119.70 to 120.70): VN051393.D (-2571) (-)

Ion 122.00 (121.70 to 122.70): VN051393.D (-2571) (-)

Ion 124.00 (123.70 to 124.70): VN051393.D (-2571) (-)

Ion 126.00 (125.70 to 126.70): VN051393.D (-2571) (-)

Ion 128.00 (127.70 to 128.70): VN051393.D (-2571) (-)

Ion 130.00 (129.70 to 130.70): VN051393.D (-2571) (-)

Ion 132.00 (131.70 to 132.70): VN051393.D (-2571) (-)

Ion 134.00 (133.70 to 134.70): VN051393.D (-2571) (-)

Ion 136.00 (135.70 to 136.70): VN051393.D (-2571) (-)

Ion 138.00 (137.70 to 138.70): VN051393.D (-2571) (-)

Ion 140.00 (139.70 to 140.70): VN051393.D (-2571) (-)

Ion 142.00 (141.70 to 142.70): VN051393.D (-2571) (-)

Ion 144.00 (143.70 to 144.70): VN051393.D (-2571) (-)

Ion 146.00 (145.70 to 146.70): VN051393.D (-2571) (-)

Ion 148.00 (147.70 to 148.70): VN051393.D (-2571) (-)

Ion 150.00 (149.70 to 150.70): VN051393.D (-2571) (-)

Ion 152.00 (151.70 to 152.70): VN051393.D (-2571) (-)

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Ion 160.00 (159.70 to 160.70): VN051393.D (-2571) (-)

Ion 162.00 (161.70 to 162.70): VN051393.D (-2571) (-)

Ion 164.00 (163.70 to 164.70): VN051393.D (-2571) (-)

Ion 166.00 (165.70 to 166.70): VN051393.D (-2571) (-)

Ion 168.00 (167.70 to 168.70): VN051393.D (-2571) (-)

Ion 170.00 (169.70 to 170.70): VN051393.D (-2571) (-)

Ion 172.00 (171.70 to 172.70): VN051393.D (-2571) (-)

Ion 174.00 (173.70 to 174.70): VN051393.D (-2571) (-)

Ion 176.00 (175.70 to 176.70): VN051393.D (-2571) (-)

Ion 178.00 (177.70 to 178.70): VN051393.D (-2571) (-)

Ion 180.00 (179.70 to 180.70): VN051393.D (-2571) (-)

Ion 182.00 (181.70 to 182.70): VN051393.D (-2571) (-)

Ion 184.00 (183.70 to 184.70): VN051393.D (-2571) (-)

Ion 186.00 (185.70 to 186.70): VN051393.D (-2571) (-)

Ion 188.00 (187.70 to 188.70): VN051393.D (-2571) (-)

Ion 190.00 (189.70 to 190.70): VN051393.D (-2571) (-)

Ion 192.00 (191.70 to 192.70): VN051393.D (-2571) (-)

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Ion 196.00 (195.70 to 196.70): VN051393.D (-2571) (-)

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Ion 200.00 (199.70 to 200.70): VN051393.D (-2571) (-)

Ion 202.00 (201.70 to 202.70): VN051393.D (-2571) (-)

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Ion 302.00 (301.70 to 302.70): VN051393.D (-2571) (-)

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Ion 342.00 (341.70 to 342.70): VN051393.D (-2571) (-)

Ion 344.00 (343.70 to 344.70): VN051393.D (-2571) (-)

Ion 346.00 (345.70 to 346.70): VN051393.D (-2571) (-)

Ion 348.00 (347.70 to 348.70): VN051393.D (-2571) (-)

Ion 350.00 (349.70 to 350.70): VN051393.D (-2571) (-)

Ion 352.00 (351.70 to 352.70): VN051393.D (-2571) (-)

Ion 354.00 (353.70 to 354.70): VN051393.D (-2571) (-)

Ion 356.00 (355.70 to 356.70): VN051393.D (-2571) (-)

Ion 358.00 (357.70 to 358.70): VN051393.D (-2571) (-)

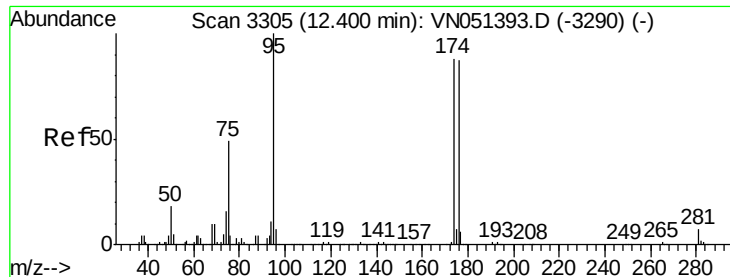
Ion 360.00 (359.70 to 360.70): VN051393.D (-2571) (-)

Ion 362.00 (361.70 to 362.70): VN051393.D (-2571) (-)

Ion 364.00 (363.70 to 364.70): VN051393.D (-2571) (-)

Ion 366.00 (365.70 to 366.70): VN051393.D (-2571) (-)

Ion 368.00 (367.70 to 368.70): VN051393.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 39.231 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051495.D

Acq: 25 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB113167TB

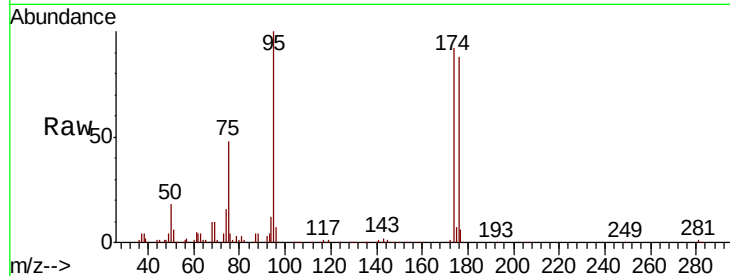
Tgt Ion: 95 Resp: 385779

Ion Ratio Lower Upper

95 100

174 91.4 0.0 181.6

176 87.9 0.0 176.4



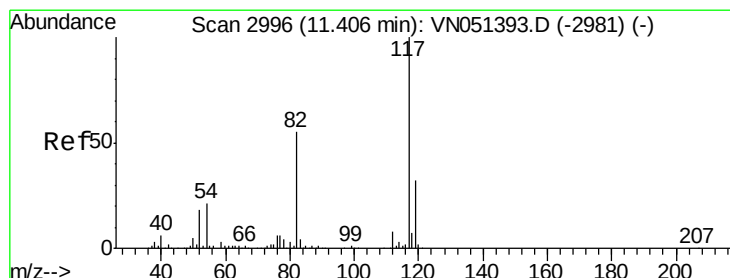
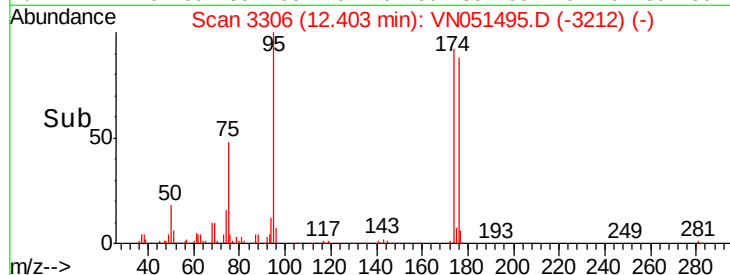
Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051495.D

Acq: 25 Sep 2018 20:22

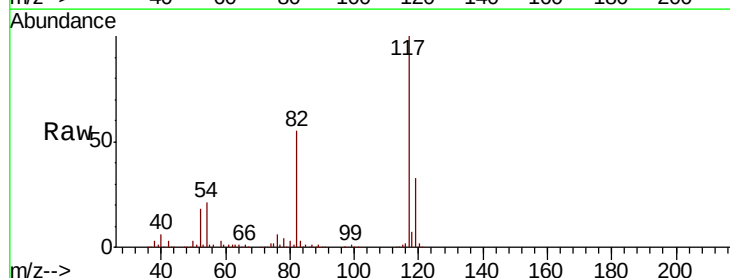
Tgt Ion: 117 Resp: 866938

Ion Ratio Lower Upper

117 100

82 54.5 44.2 66.2

119 33.0 25.9 38.9



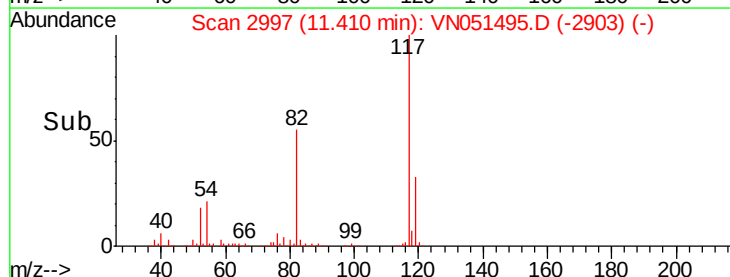
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

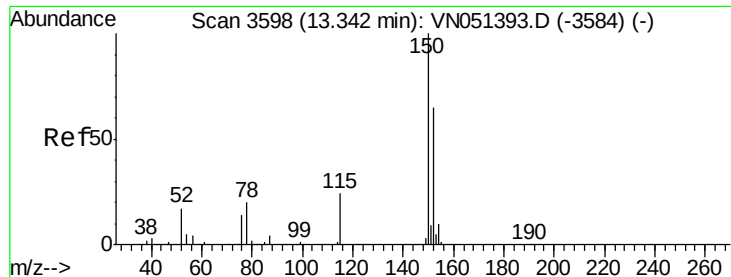
Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

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: VN051495.D

Acq: 25 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB113167TB

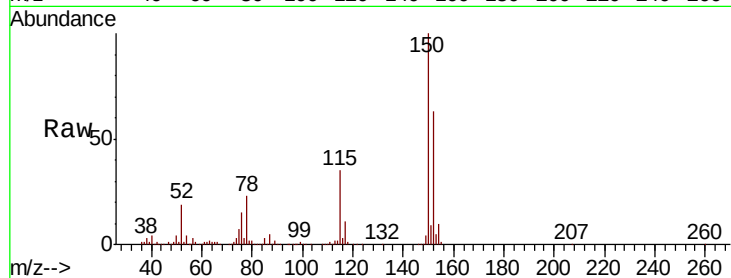
Tgt Ion:152 Resp: 305158

Ion Ratio Lower Upper

152 100

115 55.9 28.3 84.9

150 158.9 0.0 353.6



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

