

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051432.D
 Acq On : 23 Sep 2018 23:46
 Operator : MD\SY
 Sample : PB113124ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113124ZHE#03

Quant Time: Sep 24 08:15:12 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

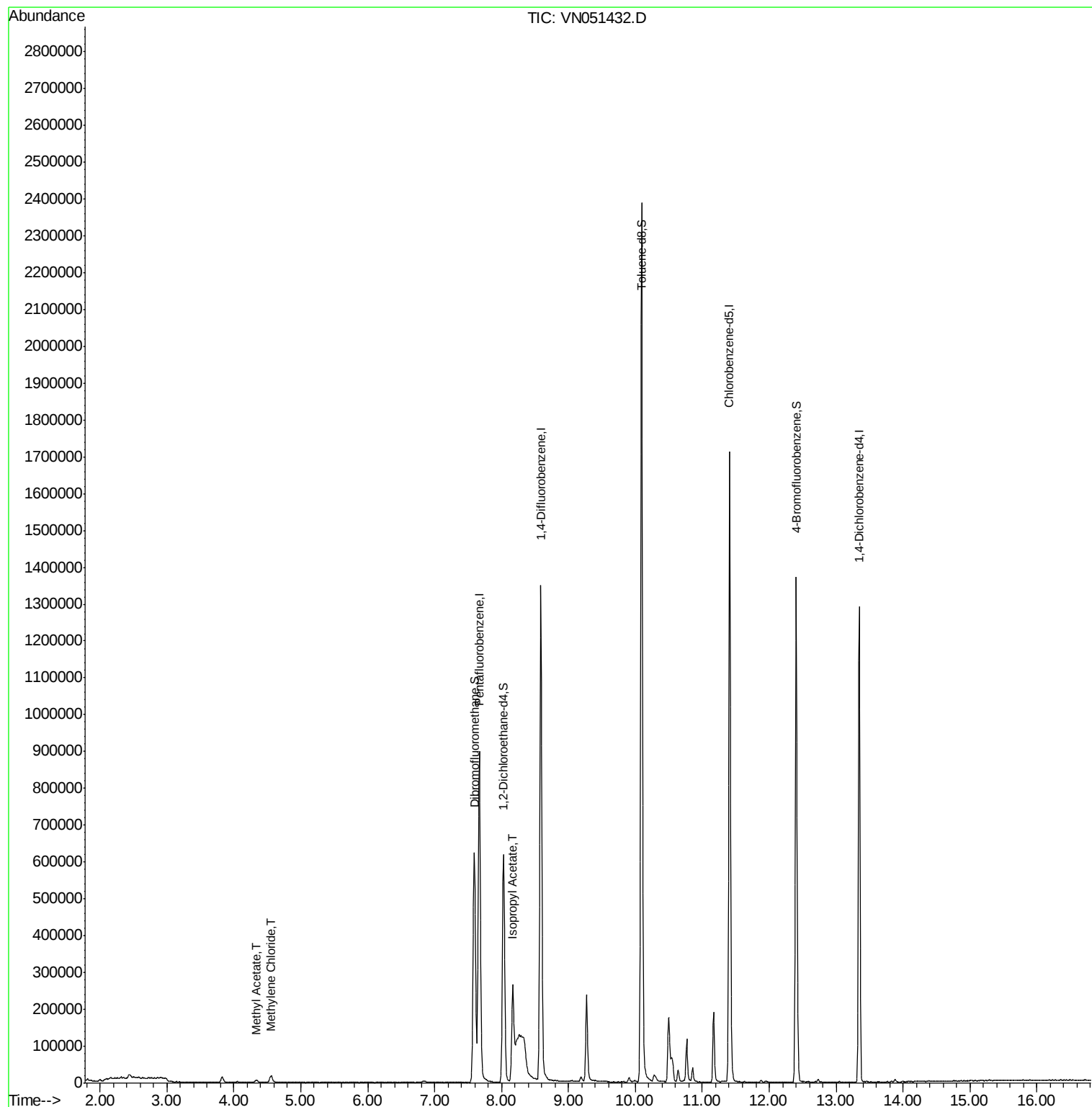
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	759395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1237785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1036983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	534245	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
35) Dibromofluoromethane	7.59	113	480132	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	10.09	98	1727391	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.40	95	456562	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.74%	
Target Compounds						
18) Methyl Acetate	4.34	43	14500	2.001	ug/l	96
20) Methylene Chloride	4.56	84	13670	1.452	ug/l	95
43) Isopropyl Acetate	8.17	43	345286	23.169	ug/l	92

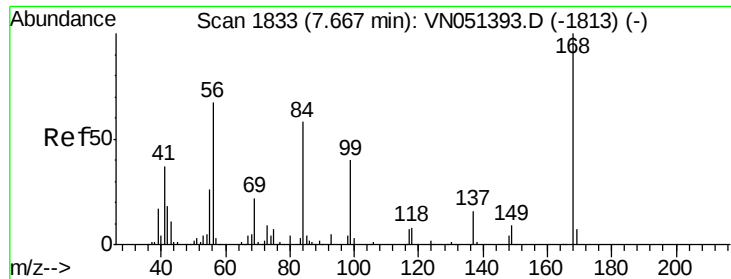
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051432.D

Acq: 23 Sep 2018 23:46

Instrument :

MSVOA_N

ClientSampleId :

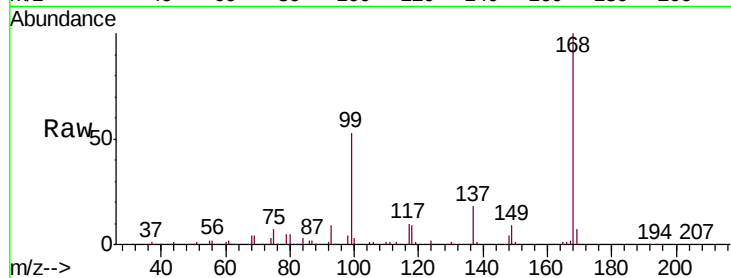
PB113124ZHE#03

Tgt Ion:168 Resp: 759395

Ion Ratio Lower Upper

168 100

99 52.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

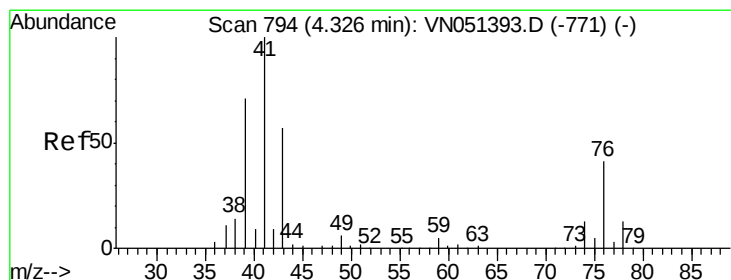
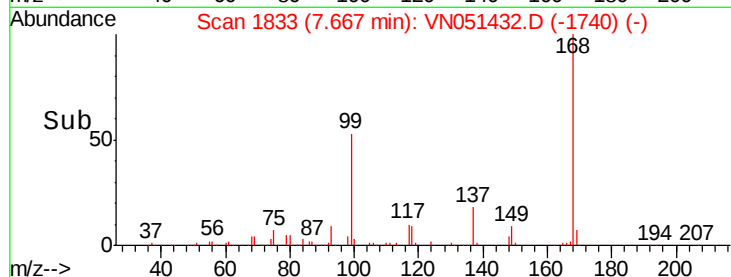
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.001 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051432.D

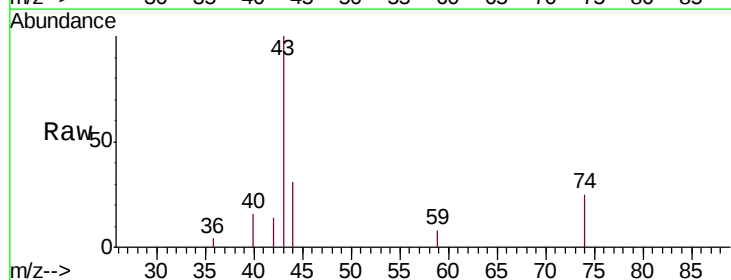
Acq: 23 Sep 2018 23:46

Tgt Ion: 43 Resp: 14500

Ion Ratio Lower Upper

43 100

74 21.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

5000

4000

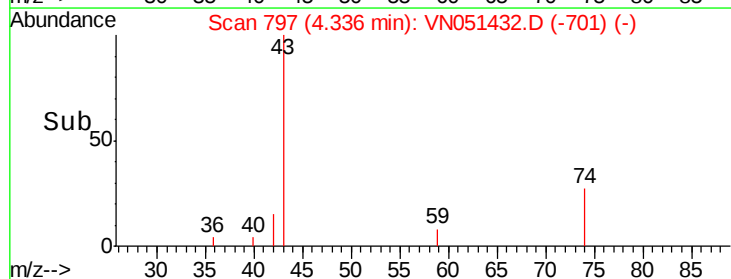
3000

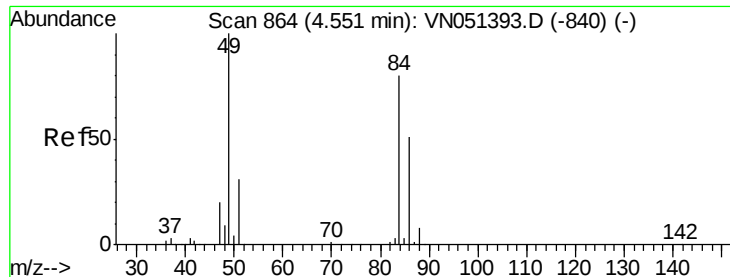
2000

1000

0

Time--> 4.30 4.40

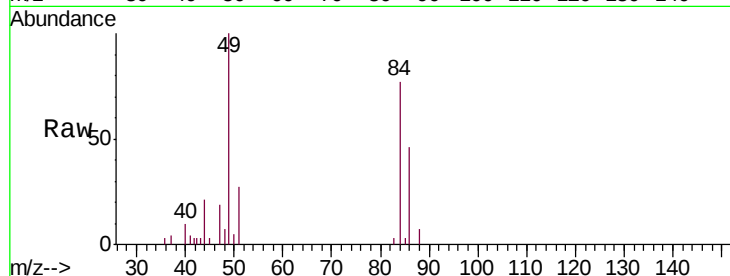




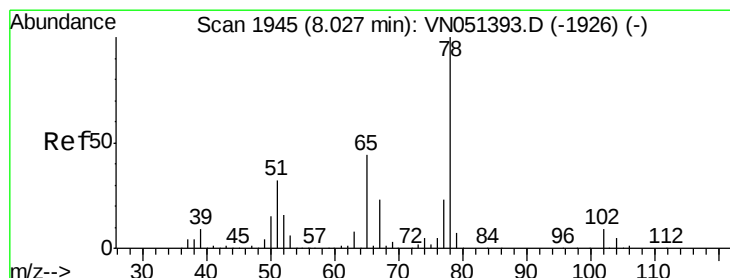
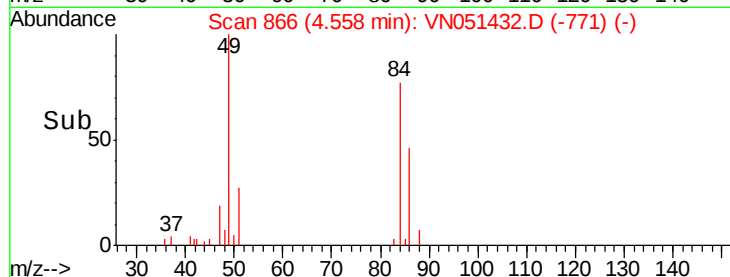
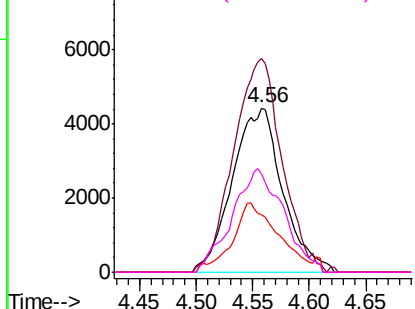
#20
Methylene Chloride
Concen: 1.452 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051432.D
Acq: 23 Sep 2018 23:46

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#03

Tgt Ion: 84 Resp: 13670
Ion Ratio Lower Upper
84 100
49 130.3 99.9 149.9
51 35.0 31.4 47.2
86 60.5 50.9 76.3

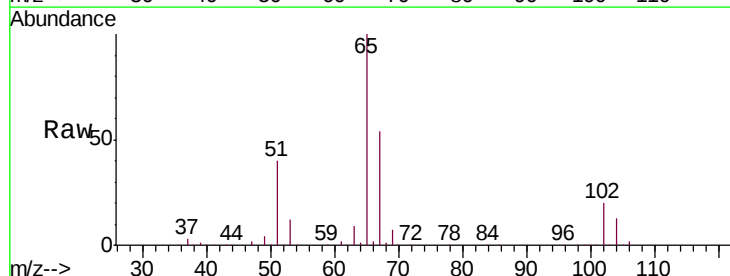


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

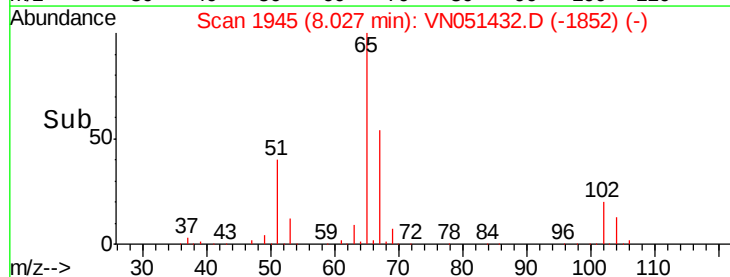
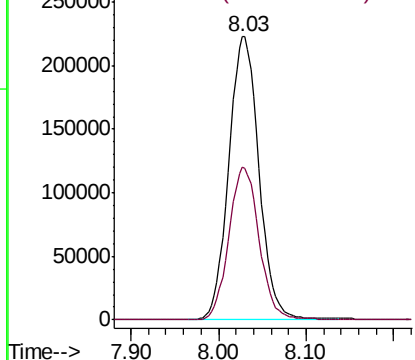


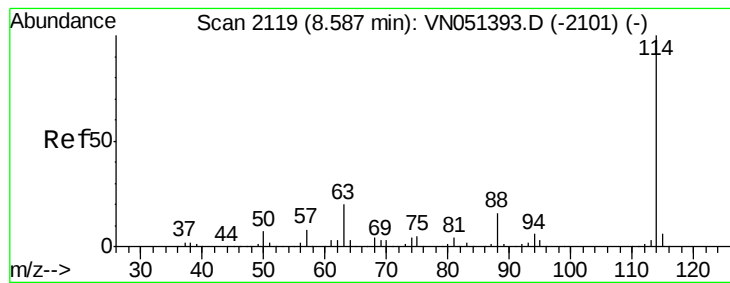
#33
1,2-Dichloroethane-d4
Concen: 56.161 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051432.D
Acq: 23 Sep 2018 23:46

Tgt Ion: 65 Resp: 534245
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051432.D

Acq: 23 Sep 2018 23:46

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#03

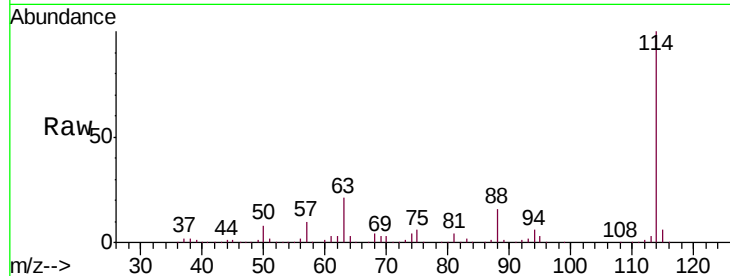
Tgt Ion:114 Resp: 1237785

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

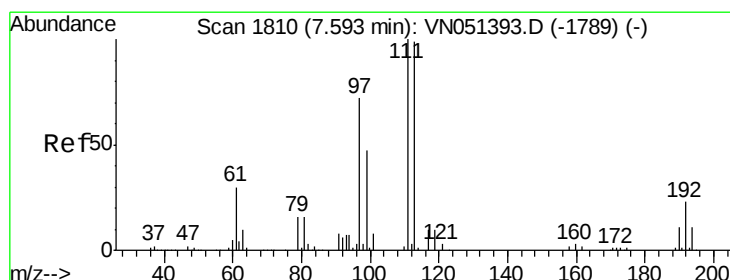
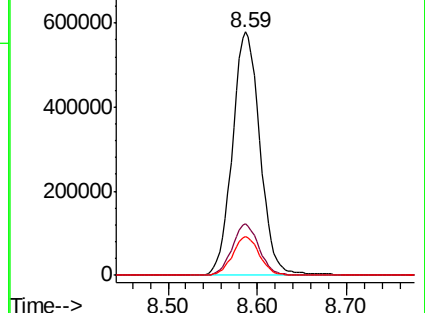
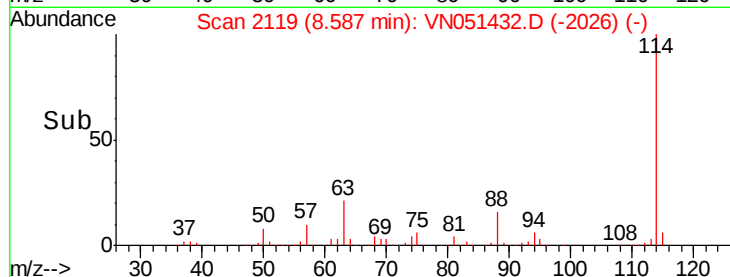
88 15.8 0.0 31.4



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: 48.508 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051432.D

Acq: 23 Sep 2018 23:46

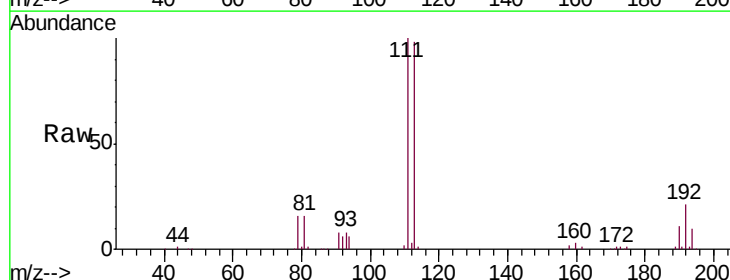
Tgt Ion:113 Resp: 480132

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

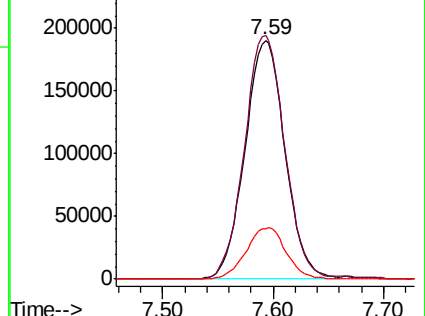
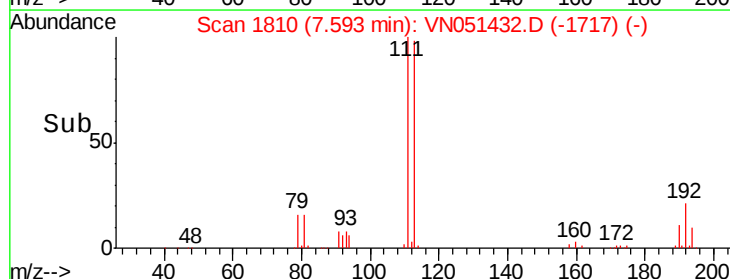
192 21.5 18.0 27.0

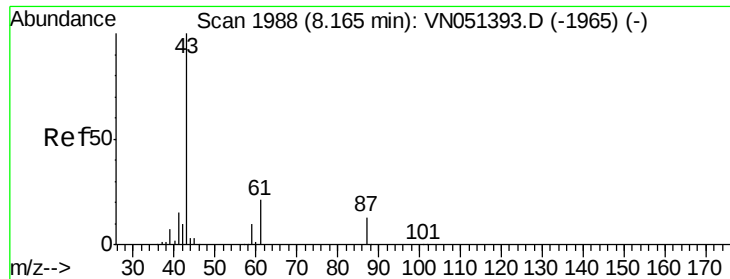


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 23.169 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051432.D

Acq: 23 Sep 2018 23:46

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#03

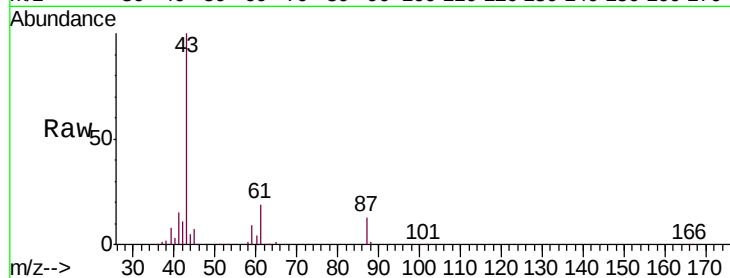
Tgt Ion: 43 Resp: 345286

Ion Ratio Lower Upper

43 100

61 17.0 16.8 25.2

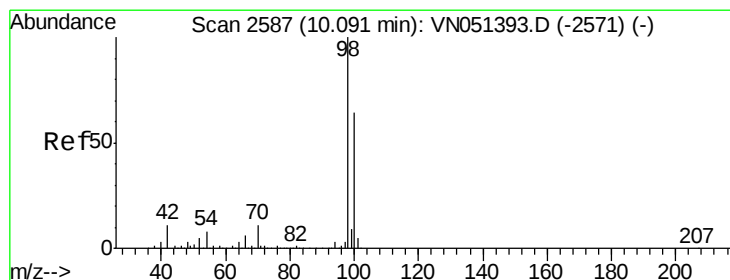
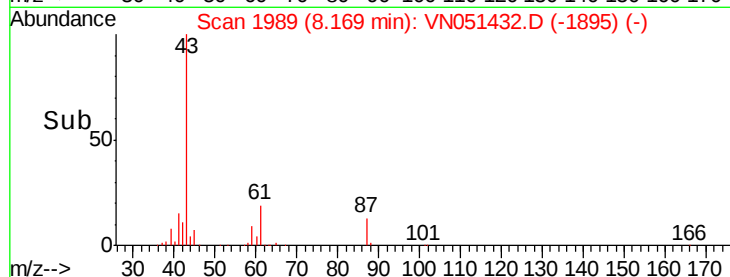
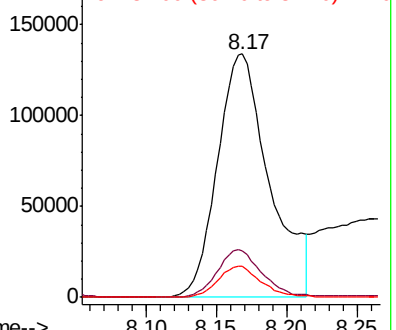
87 10.8 10.7 16.1



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: 46.345 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051432.D

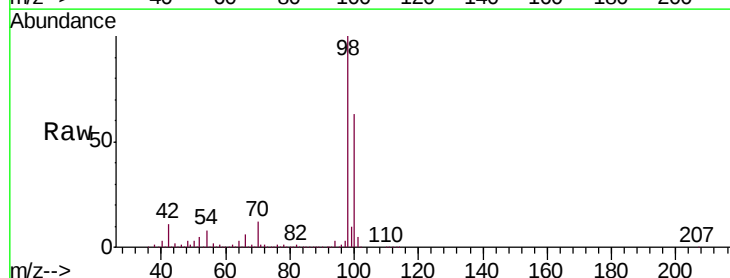
Acq: 23 Sep 2018 23:46

Tgt Ion: 98 Resp: 1727391

Ion Ratio Lower Upper

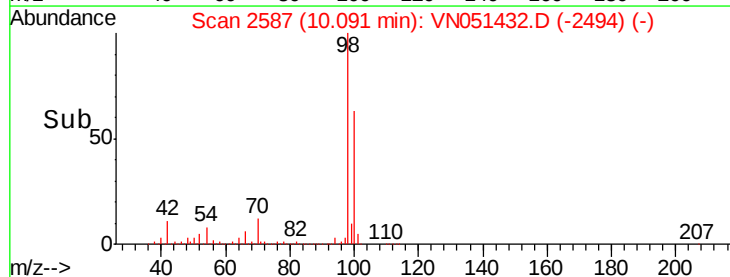
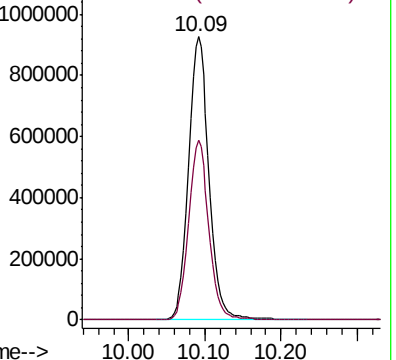
98 100

100 63.0 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) (-)





#62

4-Bromofluorobenzene

Concen: 37.865 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051432.D

Acq: 23 Sep 2018 23:46

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#03

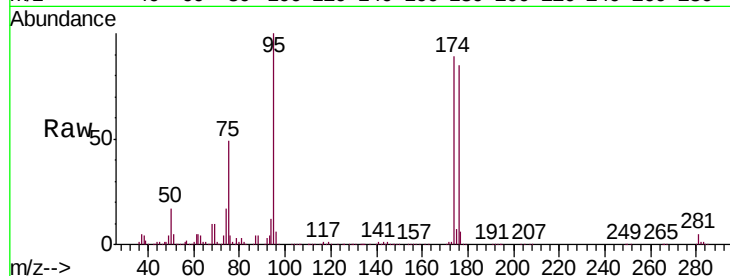
Tgt Ion: 95 Resp: 456562

Ion Ratio Lower Upper

95 100

174 89.7 0.0 181.6

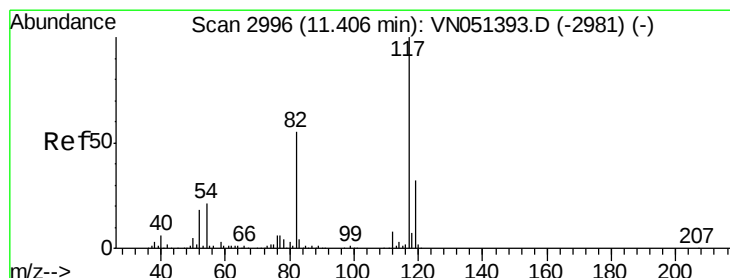
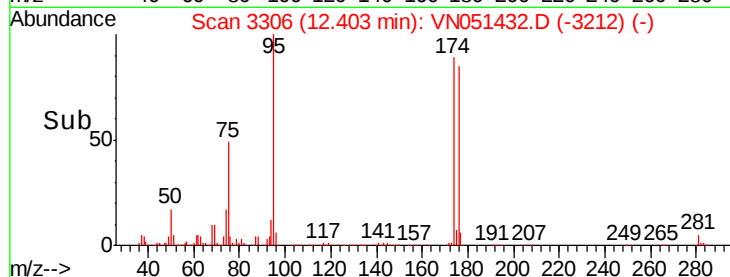
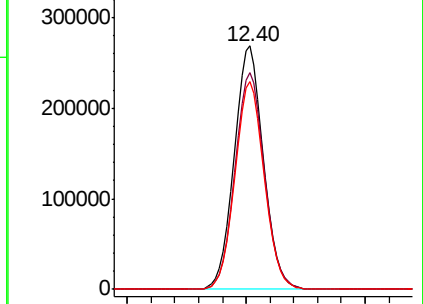
176 85.4 0.0 176.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051432.D

Acq: 23 Sep 2018 23:46

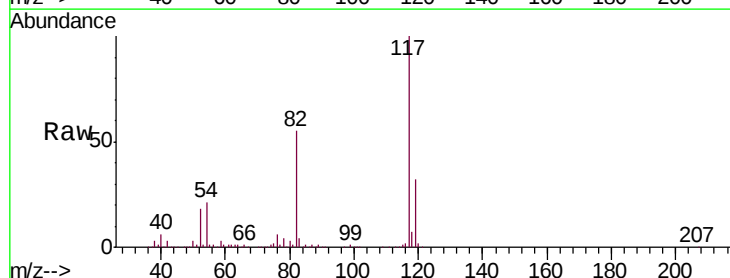
Tgt Ion: 117 Resp: 1036983

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

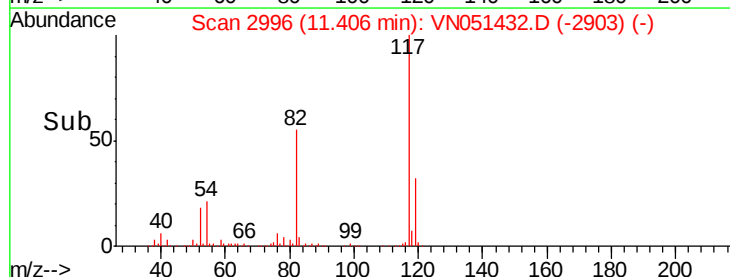
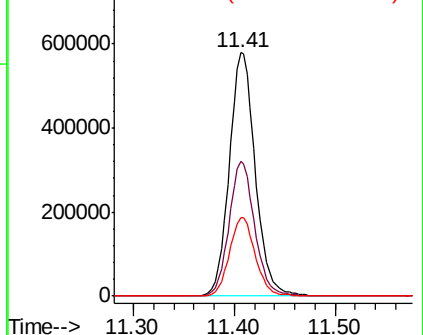
119 32.1 25.9 38.9

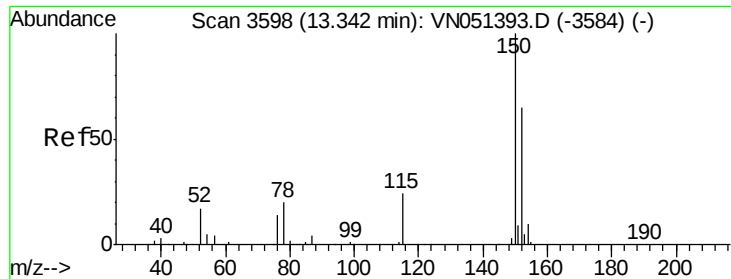


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051432.D

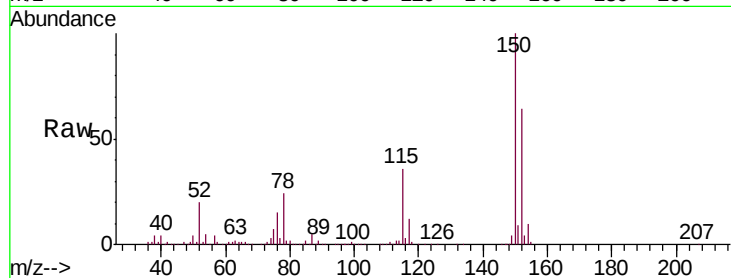
Acq: 23 Sep 2018 23:46

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#03



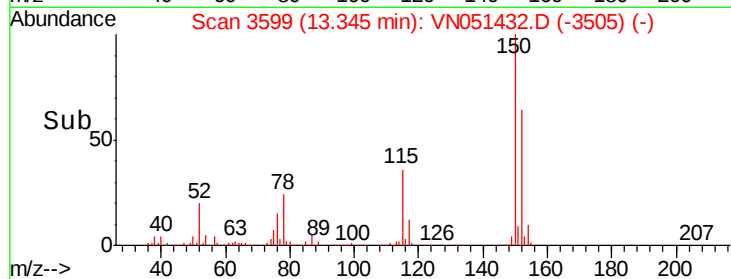
Tgt Ion:152 Resp: 355781

Ion Ratio Lower Upper

152 100

115 57.0 28.3 84.9

150 156.1 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

