

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051442.D
 Acq On : 24 Sep 2018 3:52
 Operator : MD\SY
 Sample : PB113124ZHE#13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113124ZHE#13

Quant Time: Sep 24 08:41:01 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

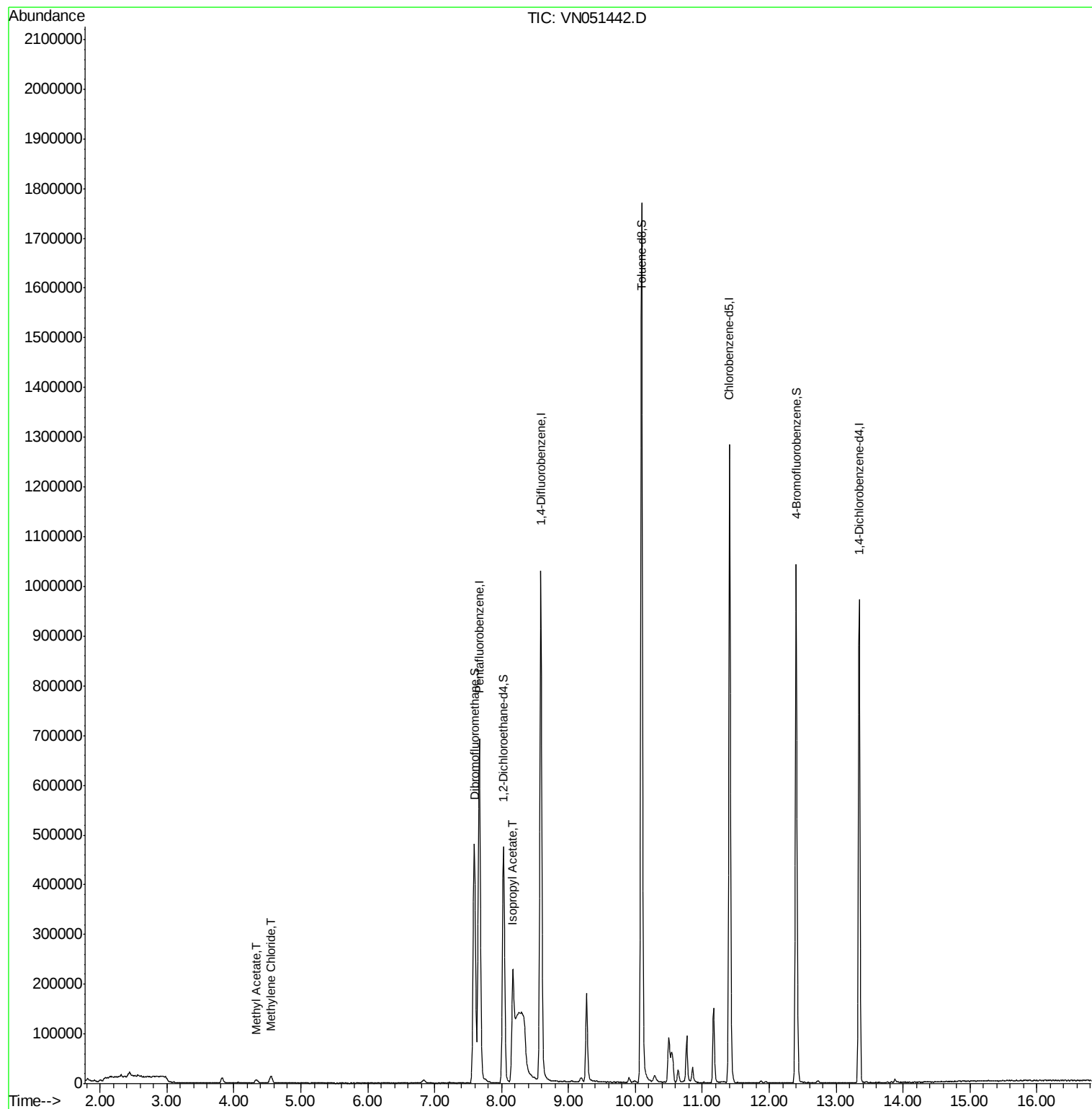
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	948768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414509	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
35) Dibromofluoromethane	7.59	113	370924	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	10.09	98	1309110	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	12.40	95	352554	38.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.30%	
Target Compounds						
18) Methyl Acetate	4.33	43	15097	2.657	ug/l	99
20) Methylene Chloride	4.56	84	10764	1.458	ug/l	84
43) Isopropyl Acetate	8.17	43	288066	25.218	ug/l #	90

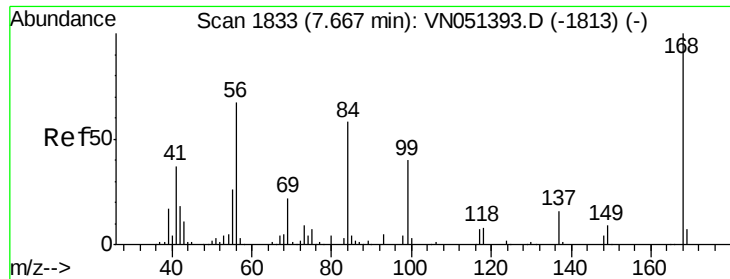
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051442.D

Acq: 24 Sep 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

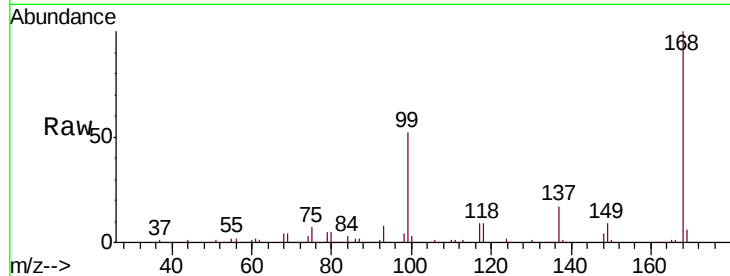
PB113124ZHE#13

Tgt Ion:168 Resp: 595489

Ion Ratio Lower Upper

168 100

99 51.6 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

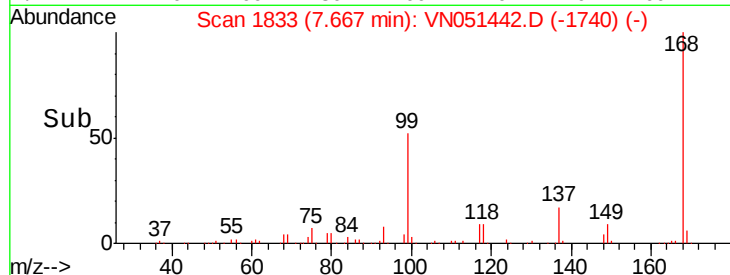
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.657 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051442.D

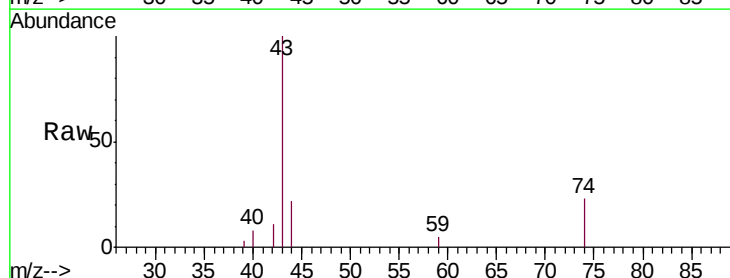
Acq: 24 Sep 2018 3:52

Tgt Ion: 43 Resp: 15097

Ion Ratio Lower Upper

43 100

74 23.9 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) (-)

4.33

5000

4000

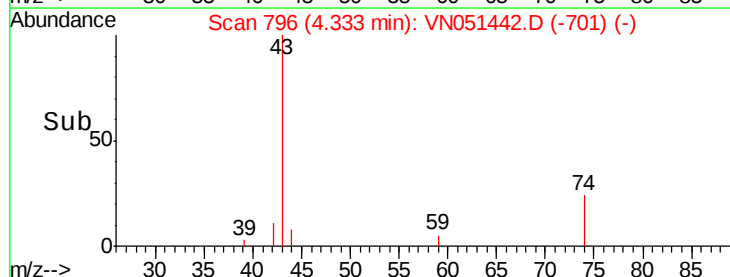
3000

2000

1000

0

Time-->

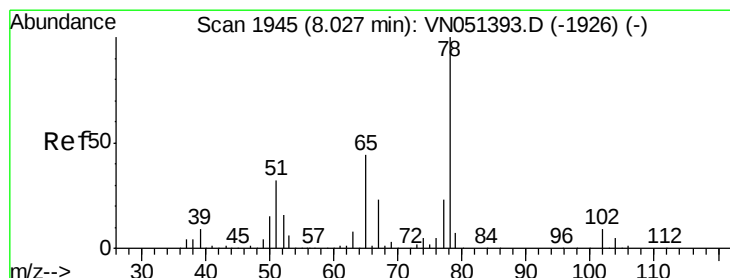
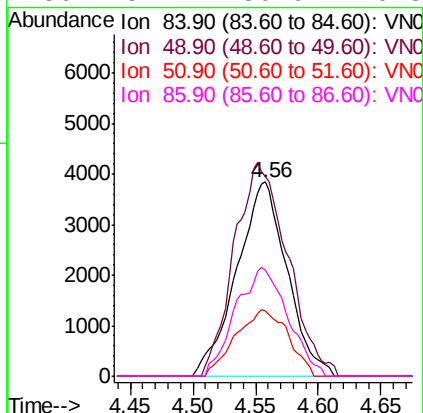
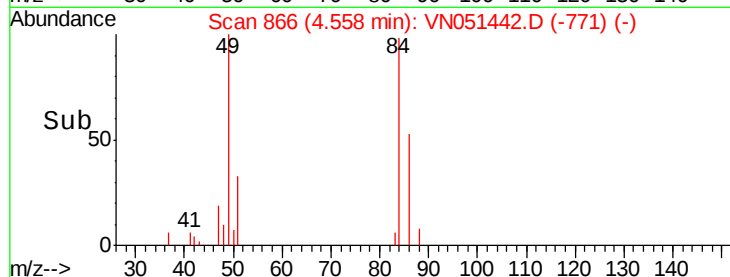
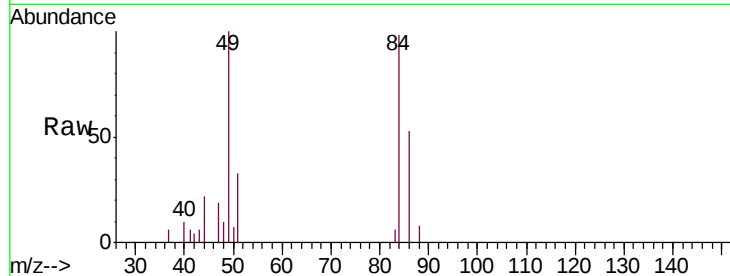




#20
Methylene Chloride
Concen: 1.458 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051442.D
Acq: 24 Sep 2018 3:52

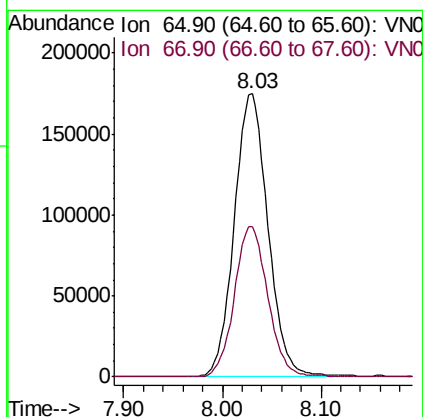
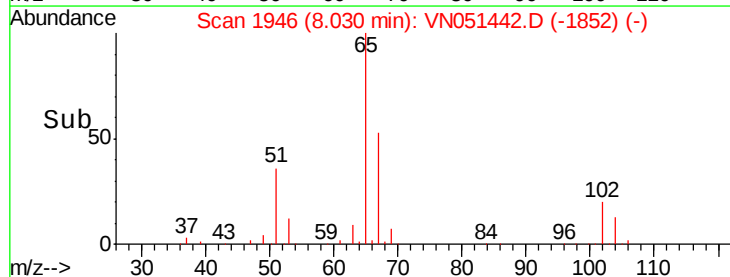
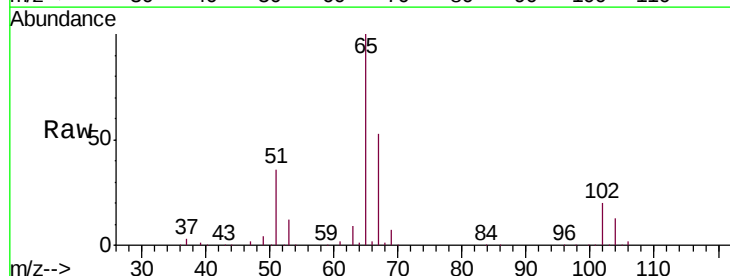
Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#13

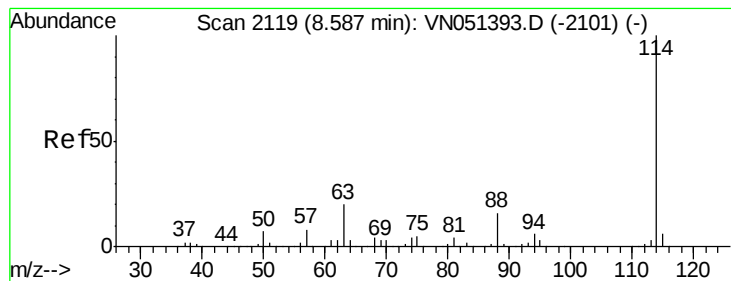
Tgt Ion: 84 Resp: 10764
Ion Ratio Lower Upper
84 100
49 102.5 99.9 149.9
51 33.6 31.4 47.2
86 54.7 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 55.567 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051442.D
Acq: 24 Sep 2018 3:52

Tgt Ion: 65 Resp: 414509
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051442.D

Acq: 24 Sep 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#13

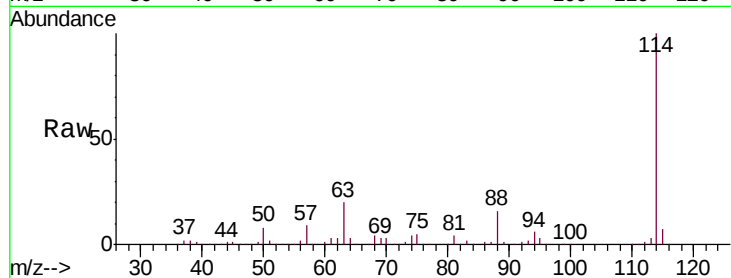
Tgt Ion:114 Resp: 948768

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

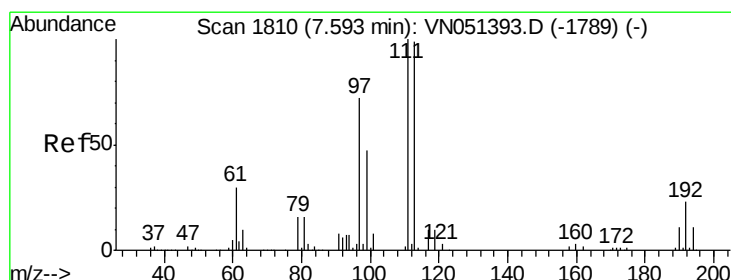
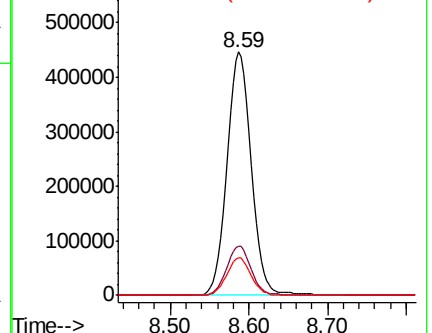
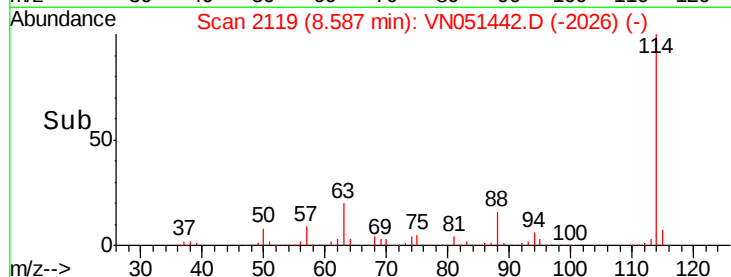
88 15.5 0.0 31.4



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: 48.890 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051442.D

Acq: 24 Sep 2018 3:52

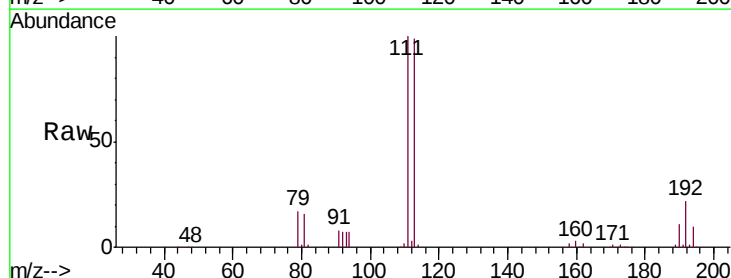
Tgt Ion:113 Resp: 370924

Ion Ratio Lower Upper

113 100

111 100.3 82.6 123.8

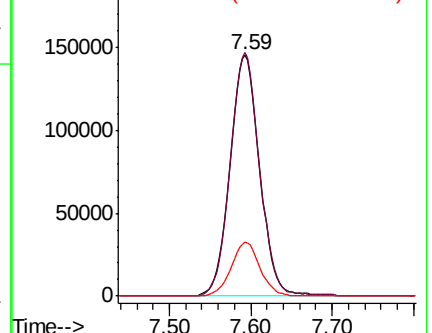
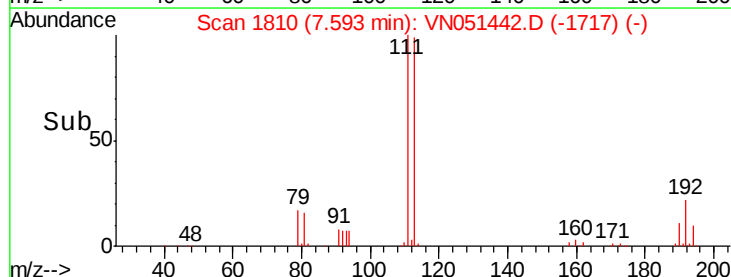
192 21.9 18.0 27.0

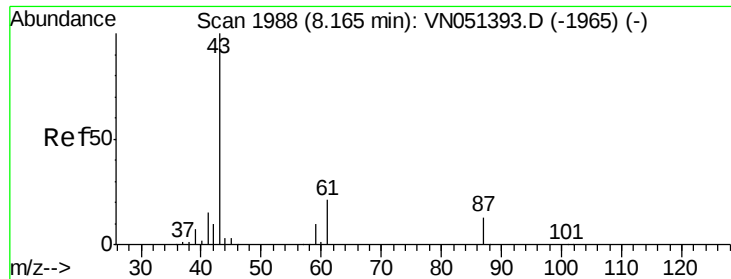


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 25.218 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051442.D

Acq: 24 Sep 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#13

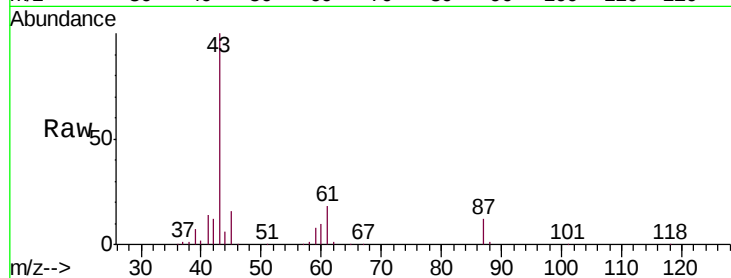
Tgt Ion: 43 Resp: 288066

Ion Ratio Lower Upper

43 100

61 15.8 16.8 25.2#

87 10.0 10.7 16.1#

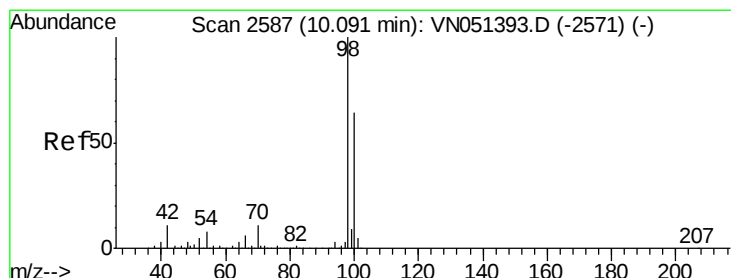
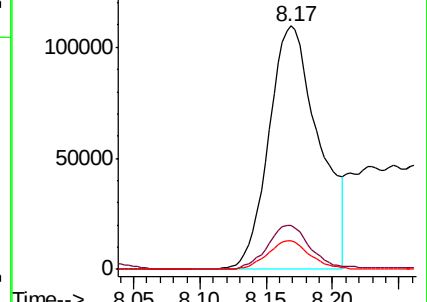
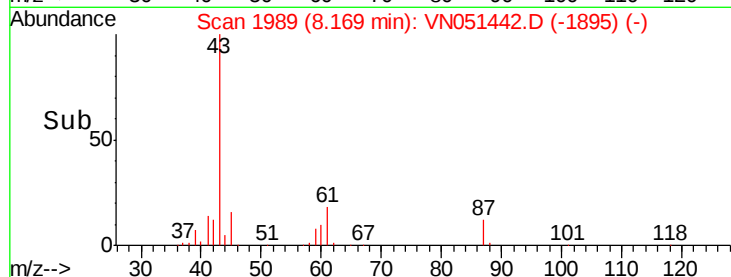


Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

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

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

Time-->



#50

Toluene-d8

Concen: 45.822 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051442.D

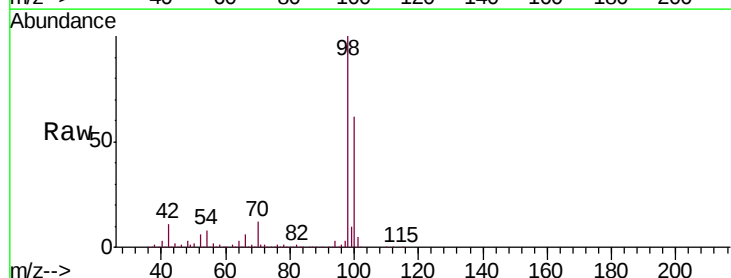
Acq: 24 Sep 2018 3:52

Tgt Ion: 98 Resp: 1309110

Ion Ratio Lower Upper

98 100

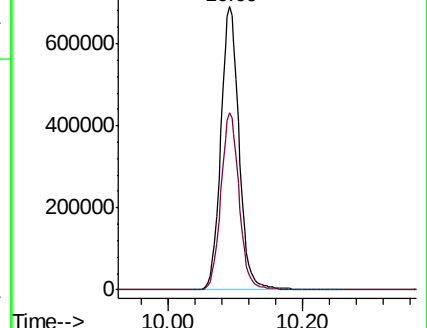
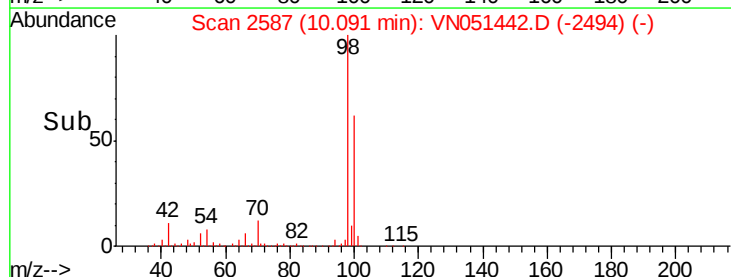
100 62.6 50.6 75.8



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

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

Time-->

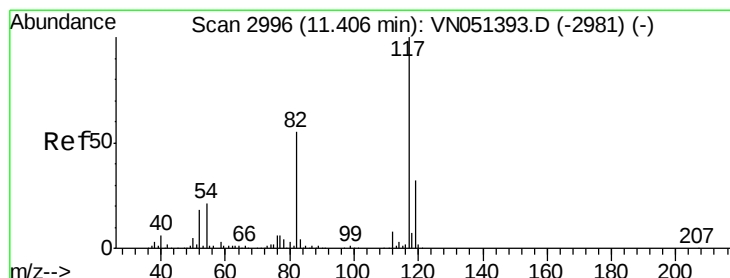
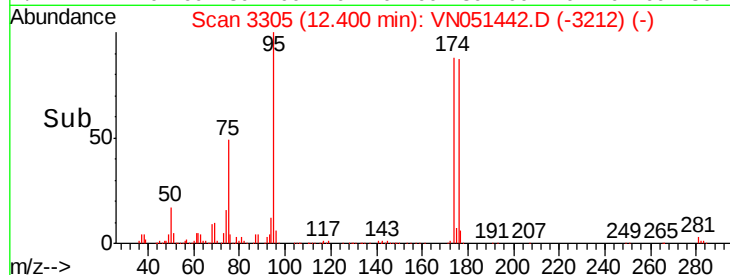
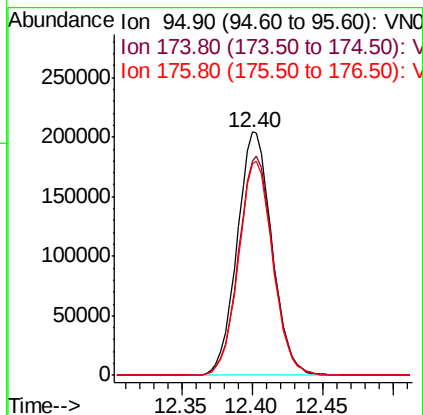
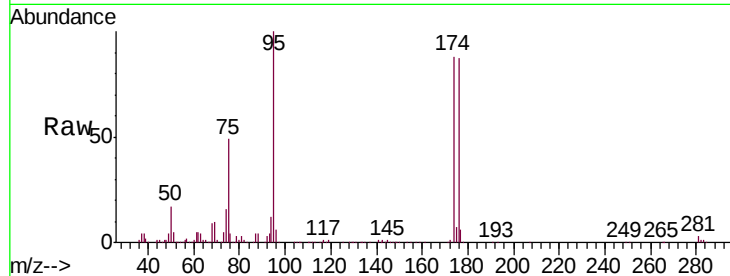




#62
4-Bromofluorobenzene
Concen: 38.146 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051442.D
Acq: 24 Sep 2018 3:52

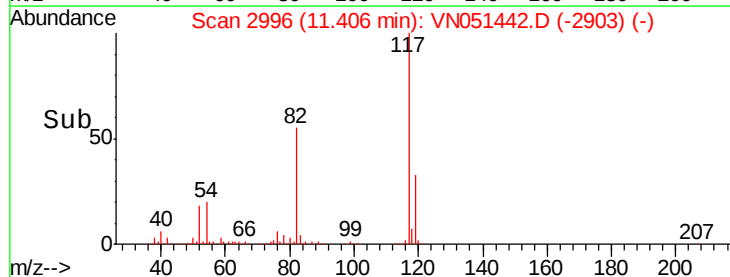
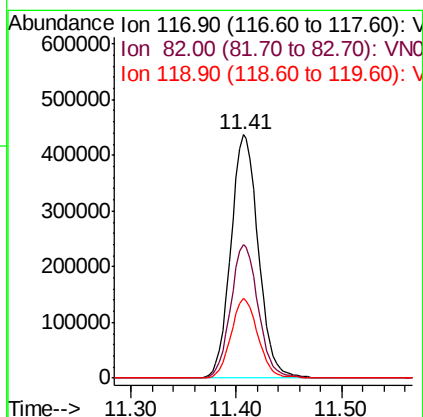
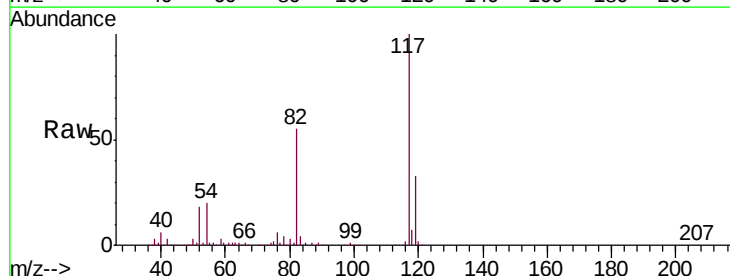
Instrument :
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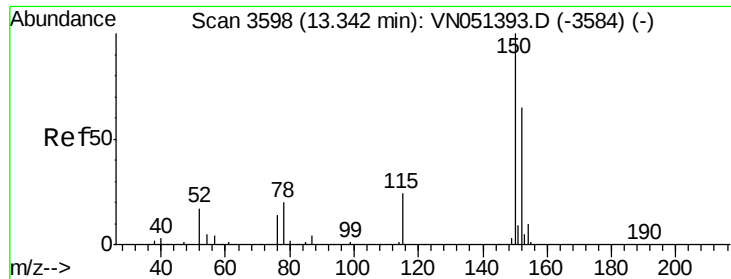
Tgt Ion: 95 Resp: 352554
Ion Ratio Lower Upper
95 100
174 89.7 0.0 181.6
176 86.8 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051442.D
Acq: 24 Sep 2018 3:52

Tgt Ion: 117 Resp: 788423
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051442.D

Acq: 24 Sep 2018 3:52

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#13

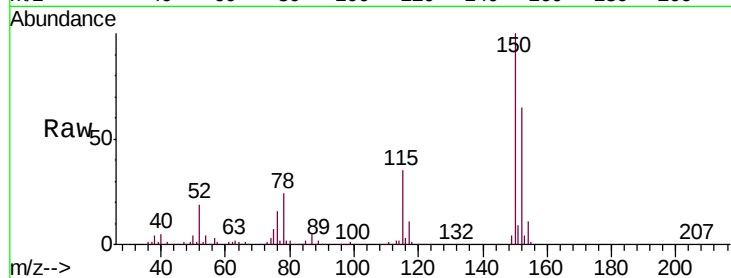
Tgt Ion:152 Resp: 278113

Ion Ratio Lower Upper

152 100

115 55.3 28.3 84.9

150 156.0 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

