

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051544.D
 Acq On : 26 Sep 2018 19:08
 Operator : MD\SY
 Sample : PB113219ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#01

Quant Time: Sep 27 08:24:49 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

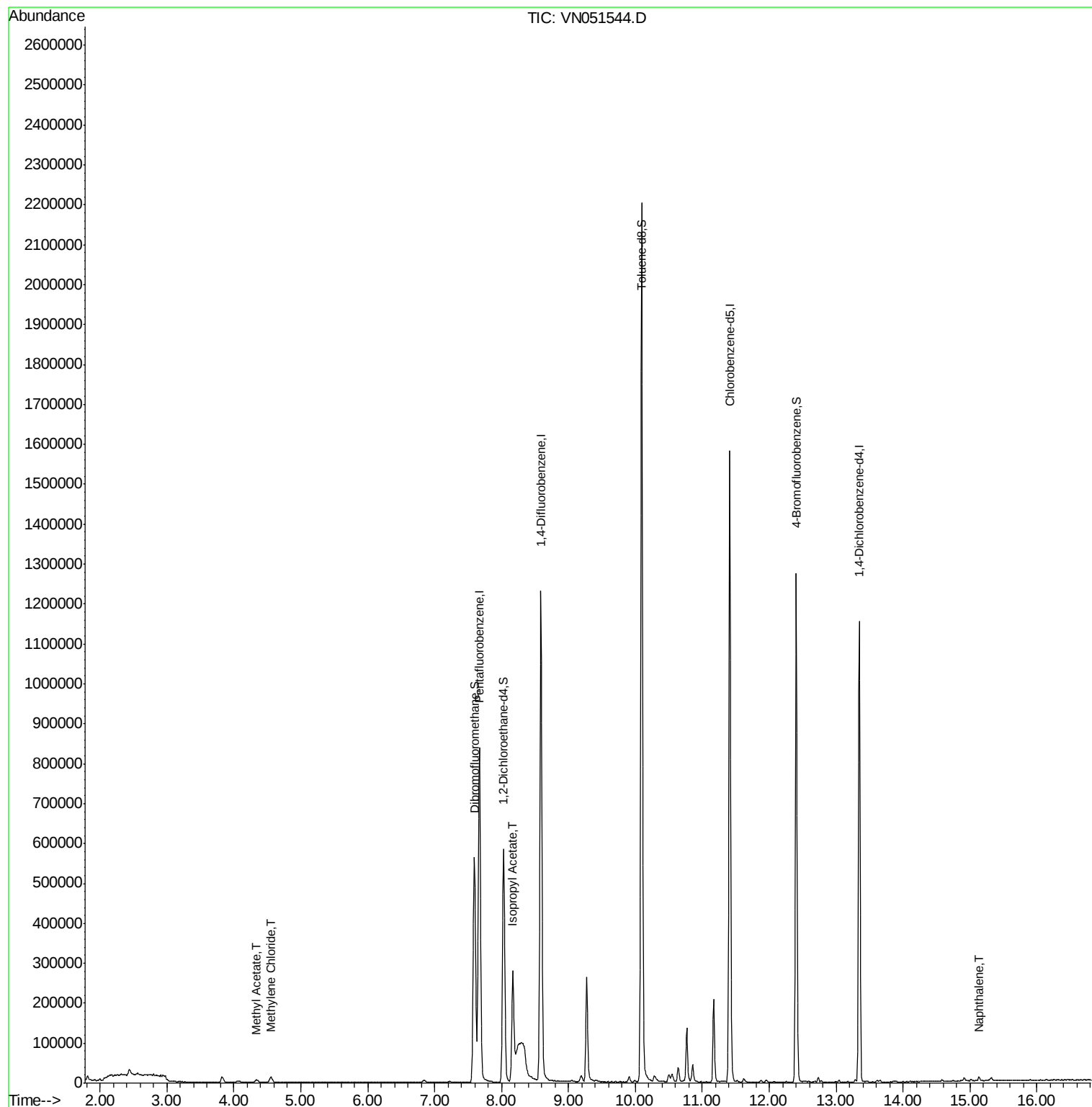
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	718656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1132035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	960804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	325735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	497987	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
35) Dibromofluoromethane	7.59	113	435139	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1600010	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
62) 4-Bromofluorobenzene	12.40	95	434314	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
Target Compounds						
18) Methyl Acetate	4.33	43	12432	1.813	ug/l #	71
20) Methylene Chloride	4.55	84	10447	1.173	ug/l #	92
43) Isopropyl Acetate	8.17	43	353968	25.971	ug/l	96
95) Naphthalene	15.14	128	6703	8.509	ug/l	98

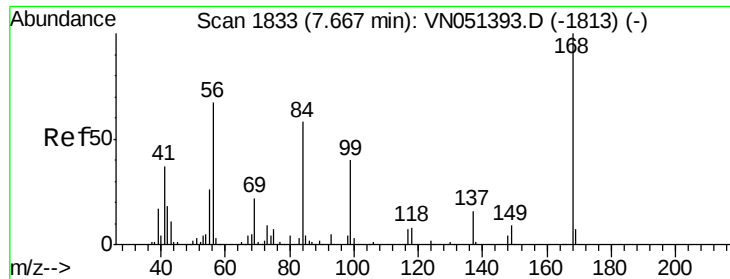
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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Quant Title : SW846 8260
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# 1834

Delta R.T. 0.00 min

Lab File: VN051544.D

Acq: 26 Sep 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

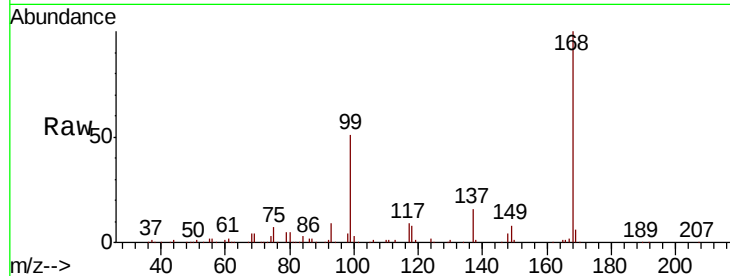
PB113219ZHE#01

Tot Ion:168 Resp: 718656

Ion Ratio Lower Upper

168 100

99 51.4 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

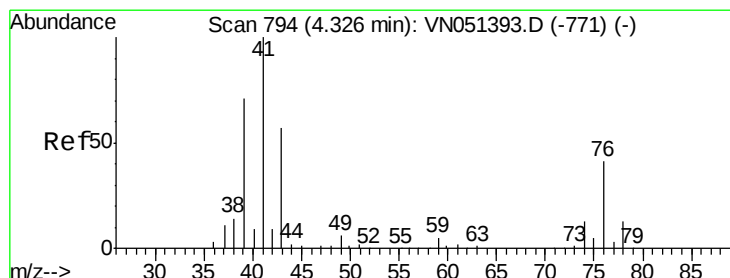
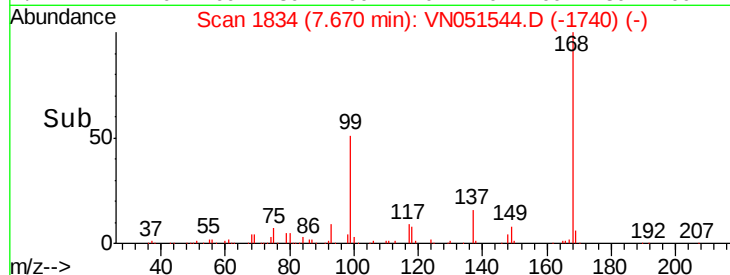
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 1.813 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051544.D

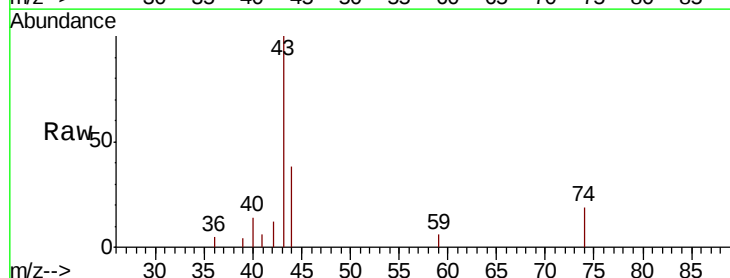
Acq: 26 Sep 2018 19:08

Tgt Ion: 43 Resp: 12432

Ion Ratio Lower Upper

43 100

74 9.2 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

4000

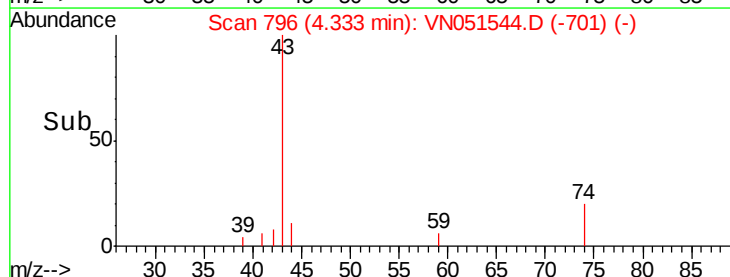
3000

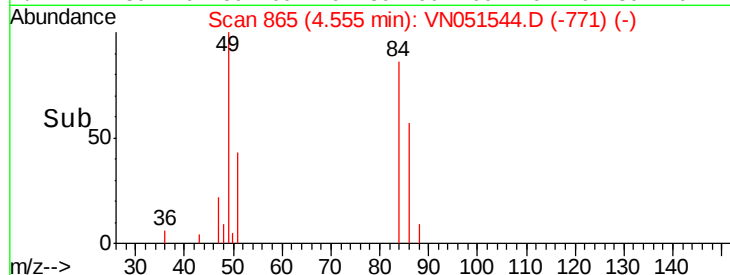
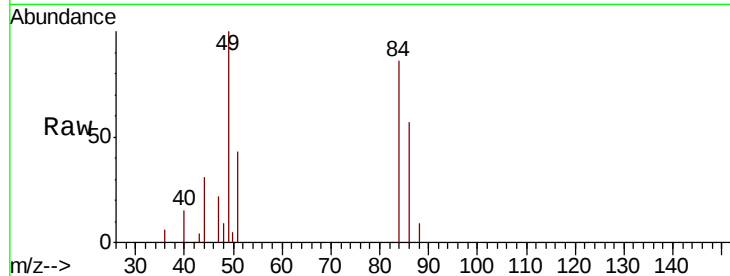
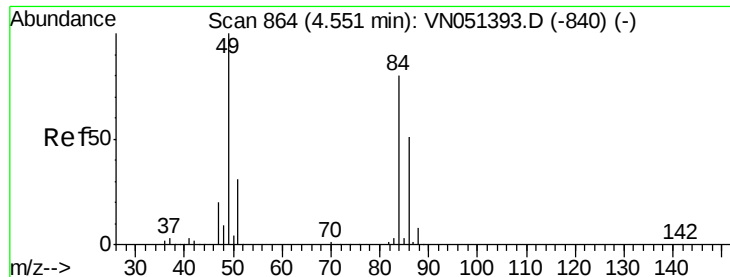
2000

1000

0

Time-->

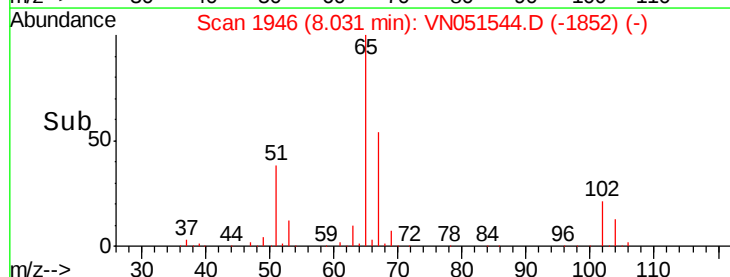
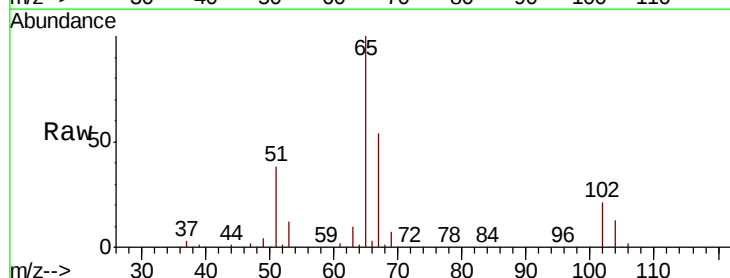
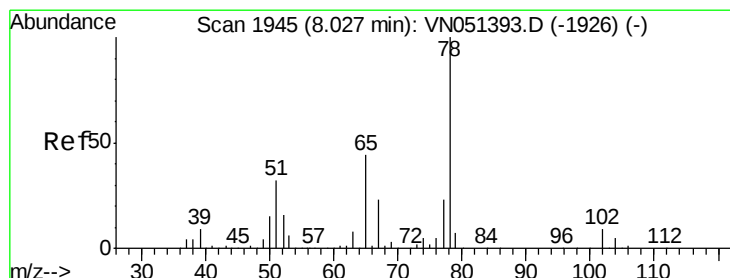
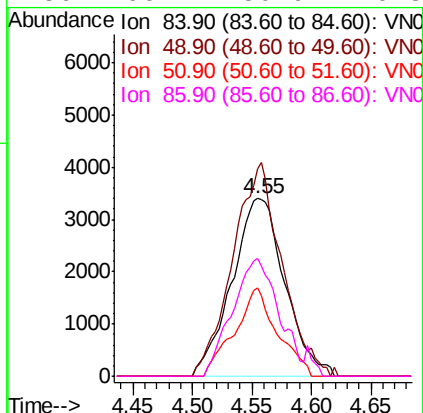




#20
Methvlene Chloride
Concen: 1.173 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051544.D
Acq: 26 Sep 2018 19:08

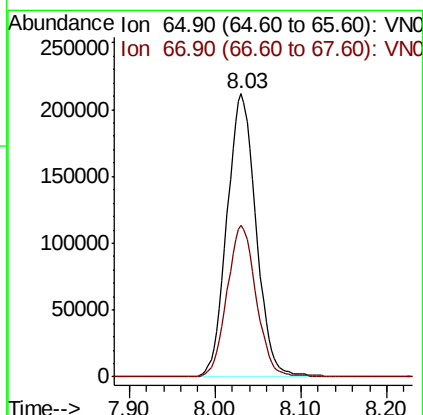
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#01

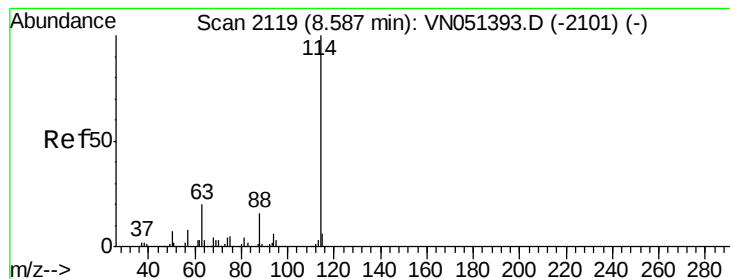
Tot Ion: 84 Resp: 10447
Ion Ratio Lower Upper
84 100
49 116.9 99.9 149.9
51 50.1 31.4 47.2#
86 66.4 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 55.317 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051544.D
Acq: 26 Sep 2018 19:08

Tgt Ion: 65 Resp: 497987
Ion Ratio Lower Upper
65 100
67 53.6 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: VN051544.D

Acq: 26 Sep 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#01

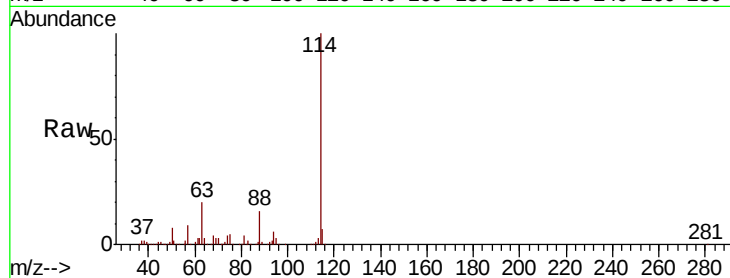
Tot Ion:114 Resp: 1132035

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

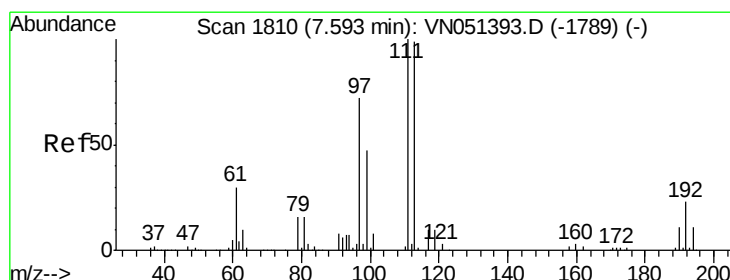
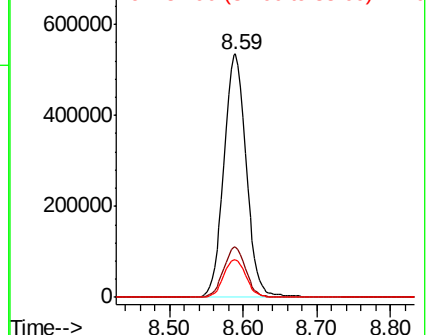
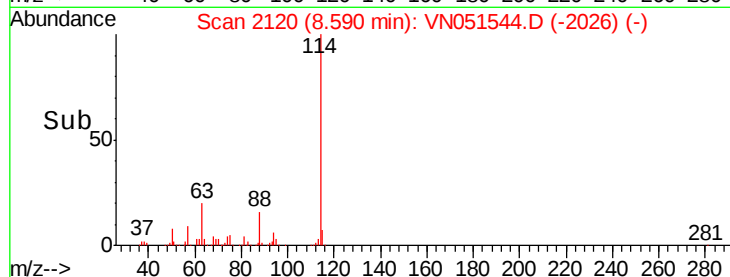
88 15.6 0.0 31.4



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: 48.069 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051544.D

Acq: 26 Sep 2018 19:08

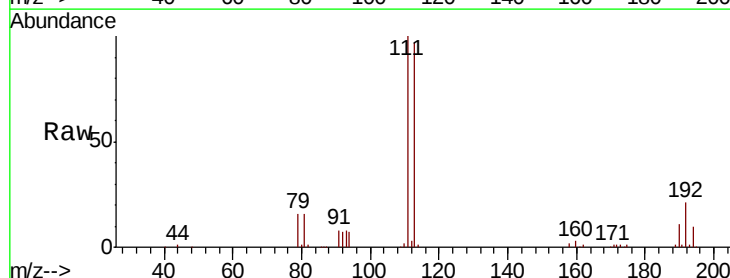
Tgt Ion:113 Resp: 435139

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

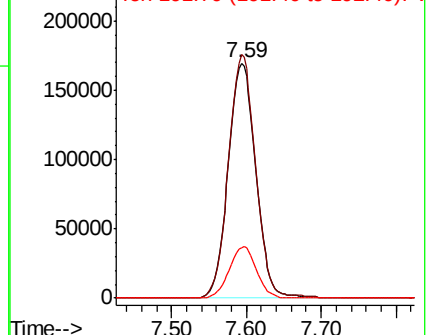
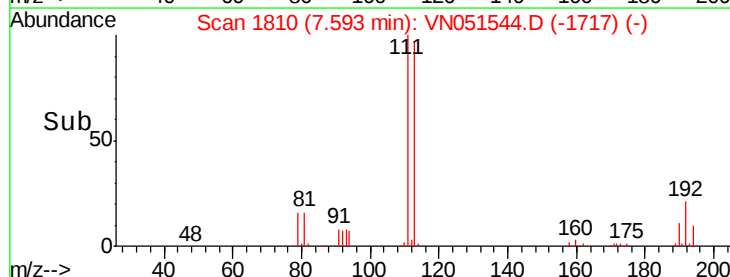
192 21.6 18.0 27.0

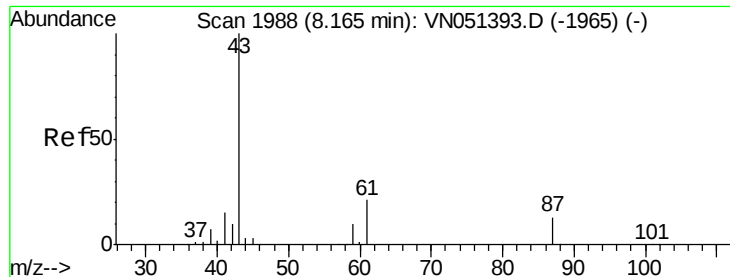


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 25.971 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051544.D

Acq: 26 Sep 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#01

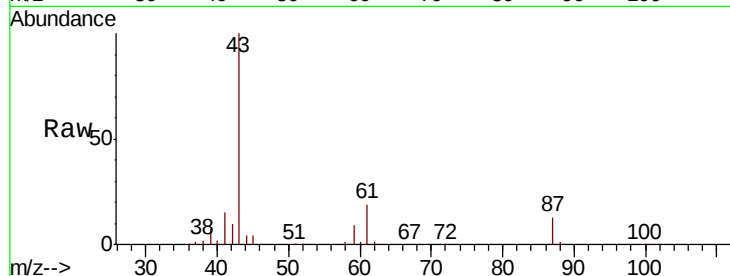
Tot Ion: 43 Resp: 353968

Ion Ratio Lower Upper

43 100

61 18.7 16.8 25.2

87 12.1 10.7 16.1

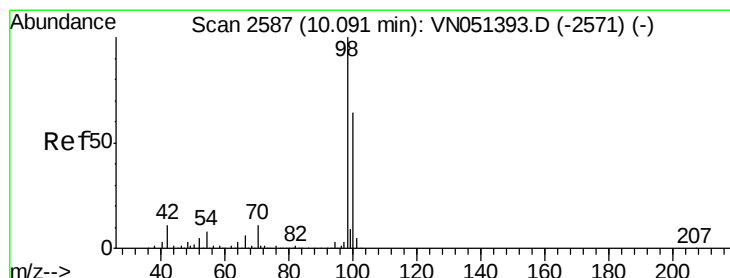
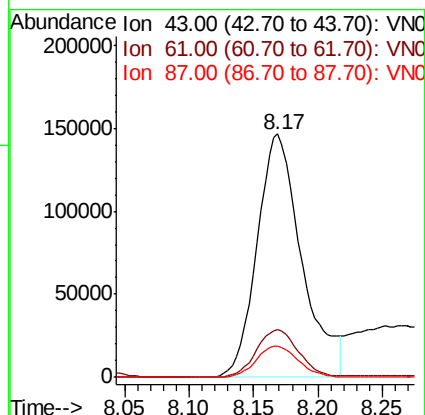
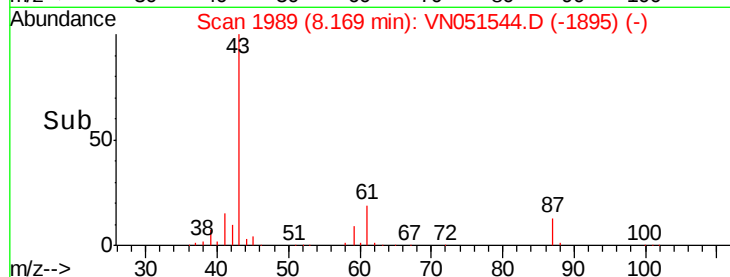


Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

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

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

8.17



#50

Toluene-d8

Concen: 46.938 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051544.D

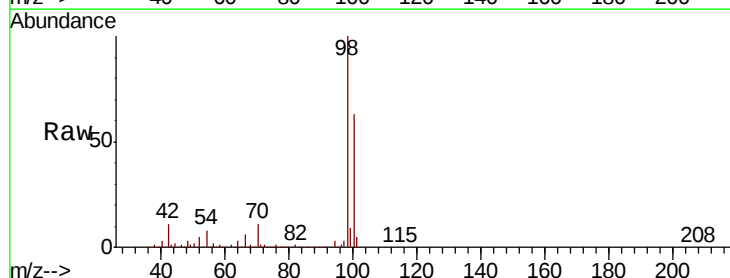
Acq: 26 Sep 2018 19:08

Tgt Ion: 98 Resp: 1600010

Ion Ratio Lower Upper

98 100

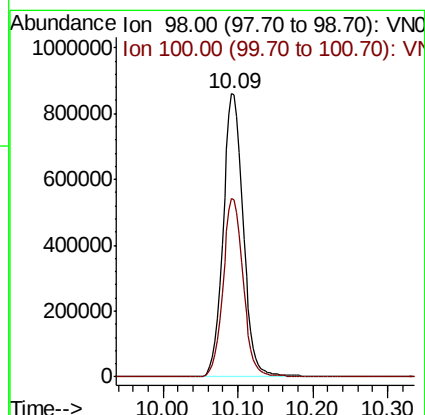
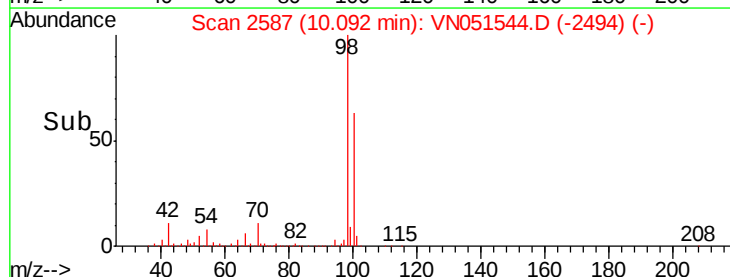
100 63.0 50.6 75.8

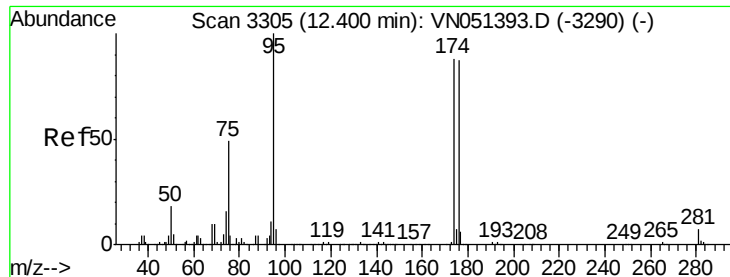


Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

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

10.09

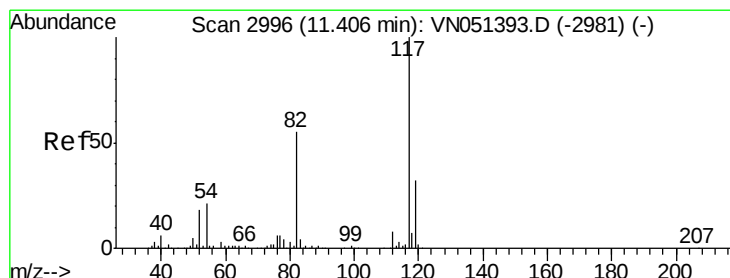
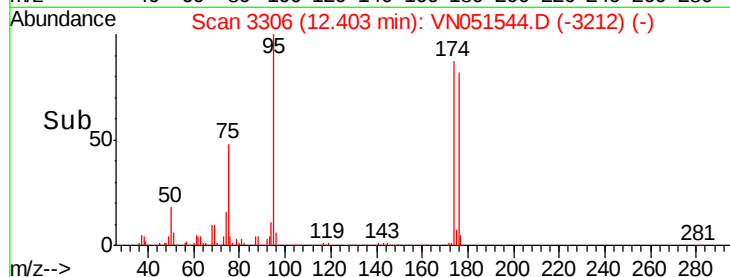
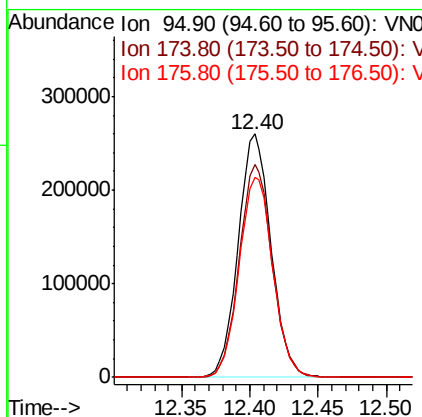
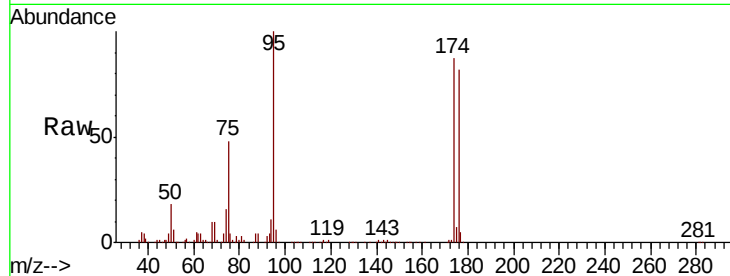




#62
4-Bromofluorobenzene
Concen: 39.385 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051544.D
Acq: 26 Sep 2018 19:08

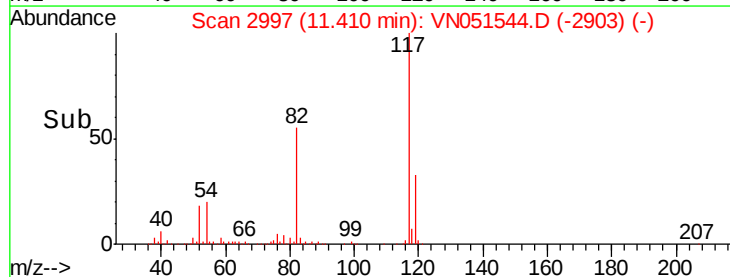
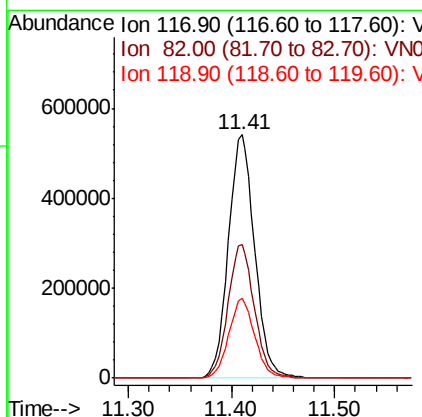
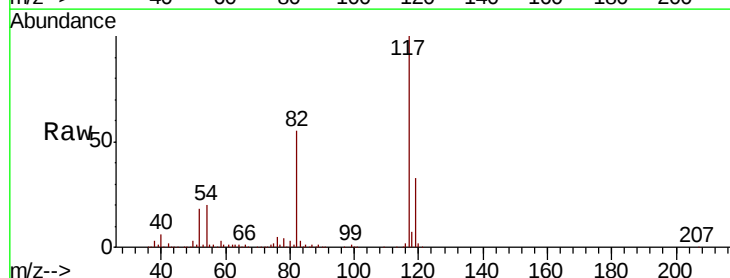
Instrument :
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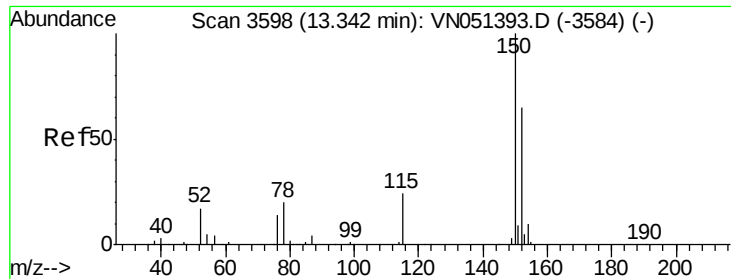
Tot Ion: 95 Resp: 434314
Ion Ratio Lower Upper
95 100
174 87.9 0.0 181.6
176 84.2 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051544.D
Acq: 26 Sep 2018 19:08

Tgt Ion: 117 Resp: 960804
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: VN051544.D

Acq: 26 Sep 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#01

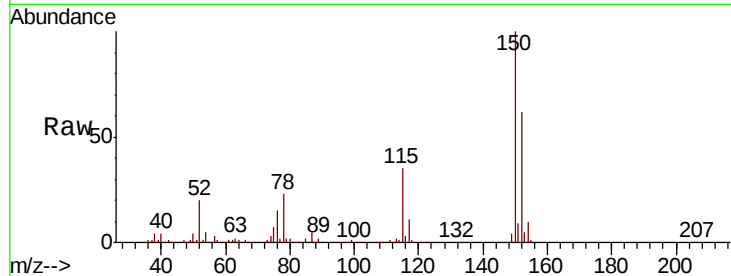
Tot Ion:152 Resp: 325735

Ion Ratio Lower Upper

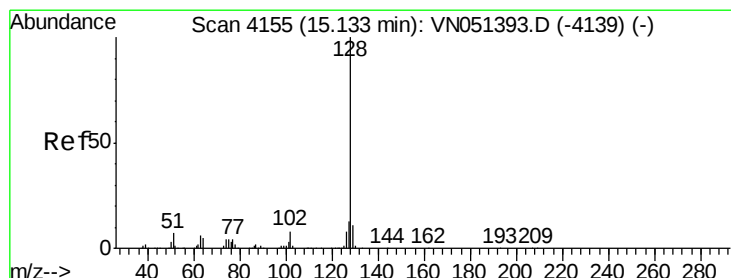
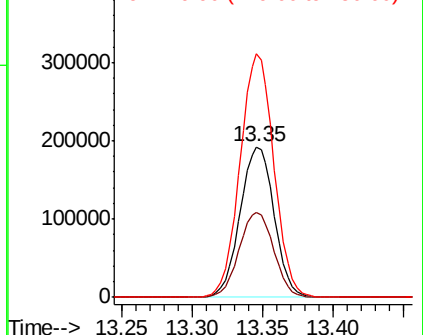
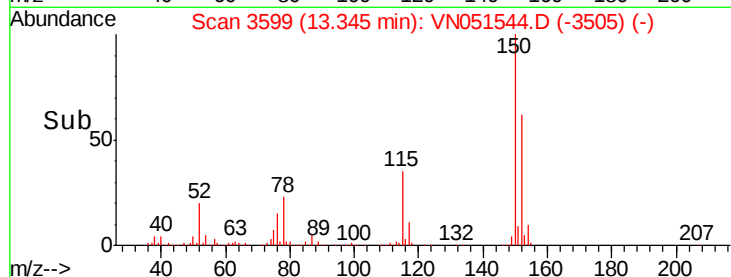
152 100

115 57.2 28.3 84.9

150 160.2 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



#95

Naphthalene

Concen: 8.509 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051544.D

Acq: 26 Sep 2018 19:08

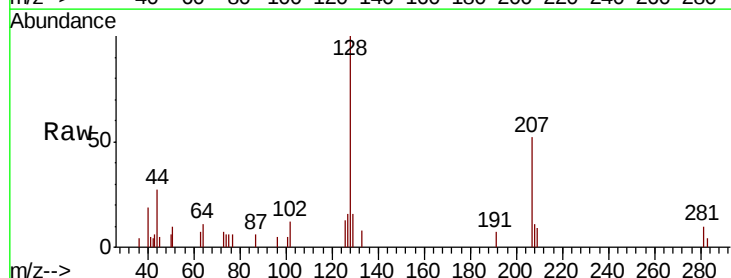
Tgt Ion:128 Resp: 6703

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 9.5 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

