

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051579.D
 Acq On : 27 Sep 2018 13:03
 Operator : MD\SY
 Sample : J5055-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-A

Quant Time: Sep 27 14:42:40 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

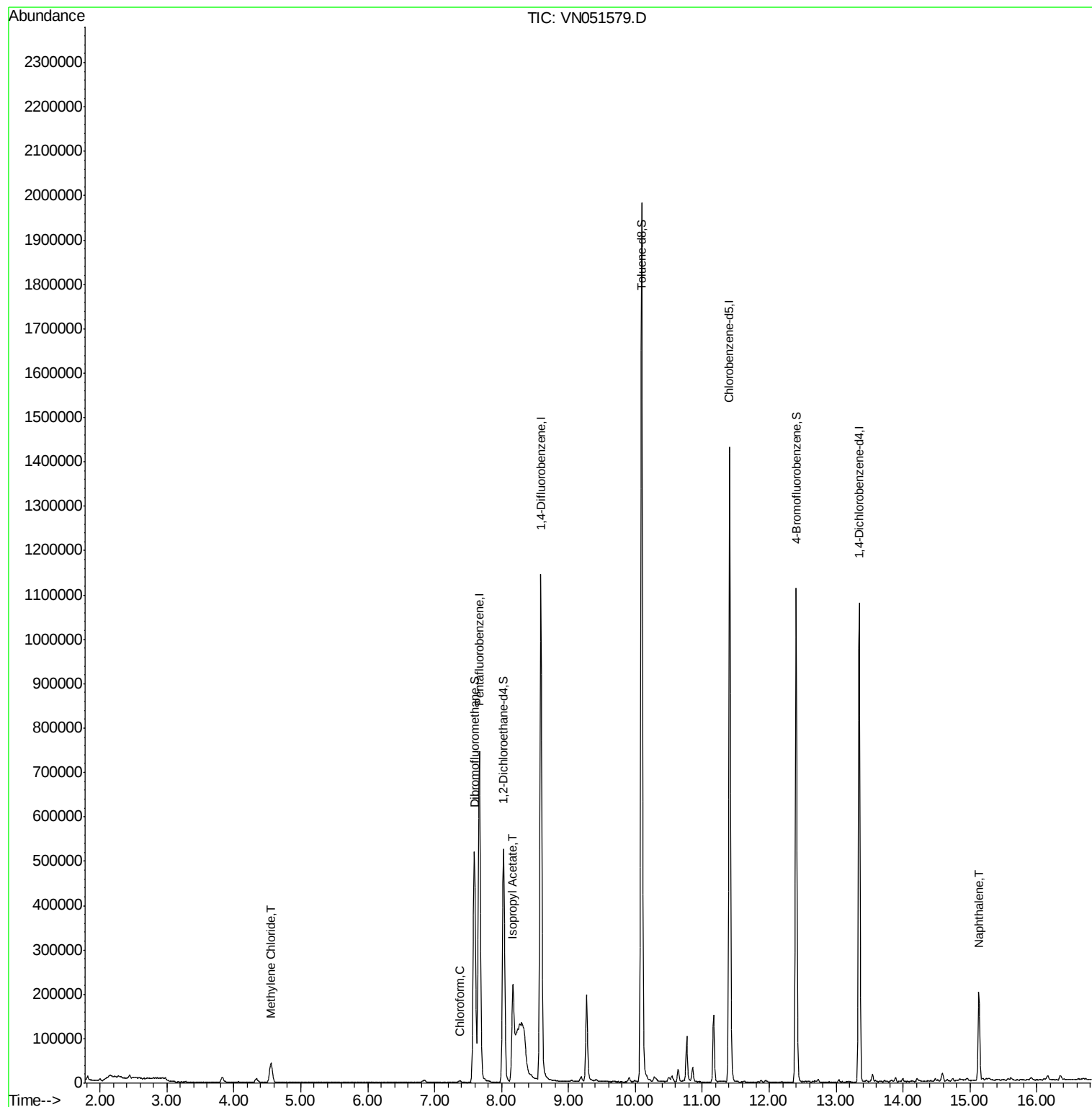
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	620677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1026630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452564	58.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.42%	
35) Dibromofluoromethane	7.59	113	396704	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.09	98	1421042	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	376474	37.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.30%	
Target Compounds						
20) Methylene Chloride	4.55	84	31877	4.143	ug/l	97
30) Chloroform	7.38	83	4610	0.348	ug/l	89
43) Isopropyl Acetate	8.17	43	282101	22.823	ug/l #	92
95) Naphthalene	15.13	128	169987	20.940	ug/l	98

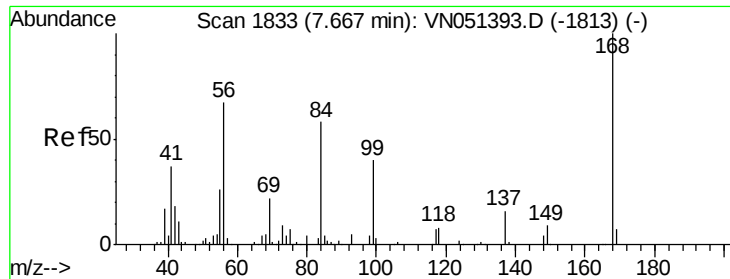
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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Instrument :
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Quant Title : SW846 8260
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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: VN051579.D

Acq: 27 Sep 2018 13:03

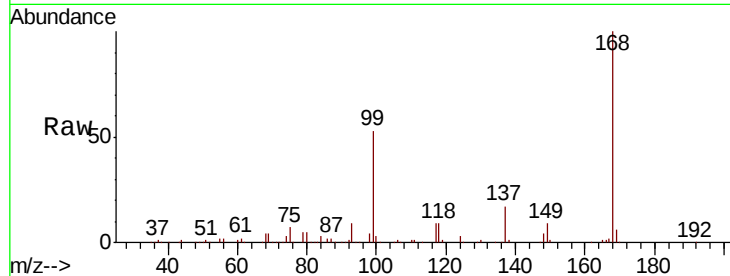
Instrument :
MSVOA_N
ClientSampled :
TP-A

Tot Ion:168 Resp: 620677

Ion Ratio Lower Upper

168 100

99 53.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

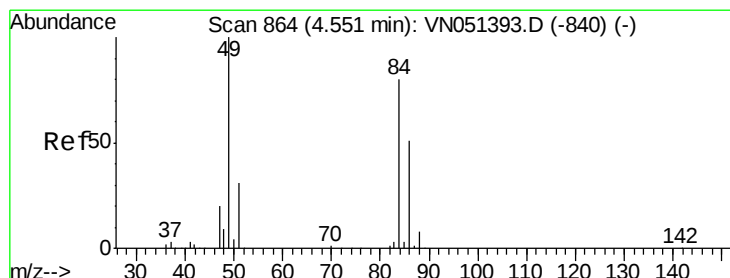
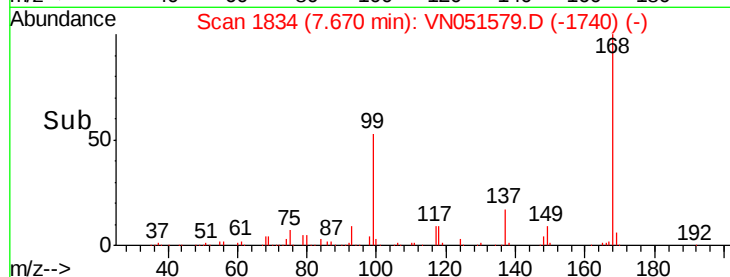
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 4.143 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051579.D

Acq: 27 Sep 2018 13:03

Tgt Ion: 84 Resp: 31877

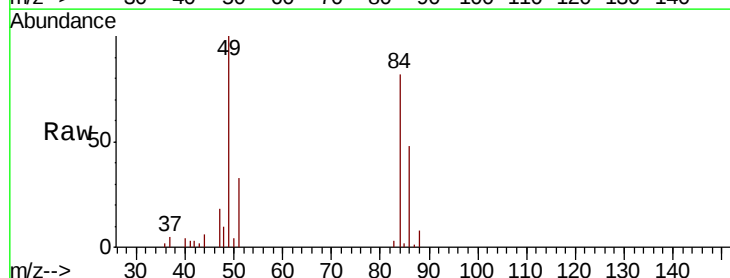
Ion Ratio Lower Upper

84 100

49 122.7 99.9 149.9

51 40.8 31.4 47.2

86 59.0 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

4.55

20000

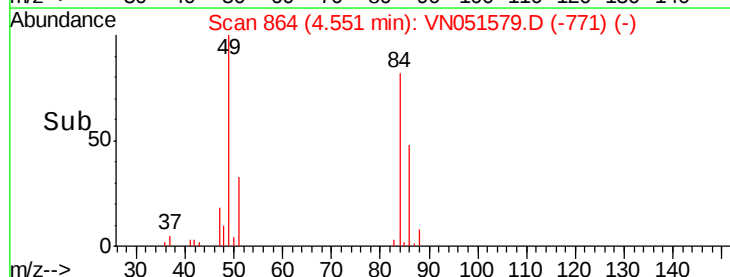
15000

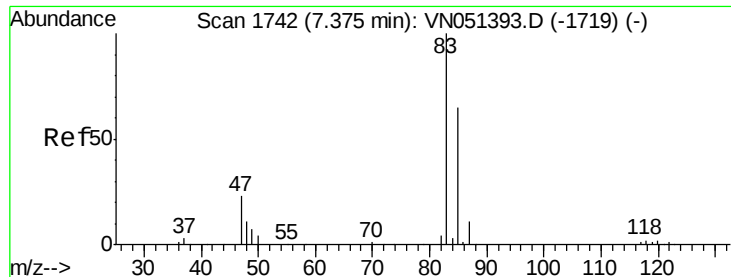
10000

5000

0

Time--> 4.45 4.50 4.55 4.60 4.65

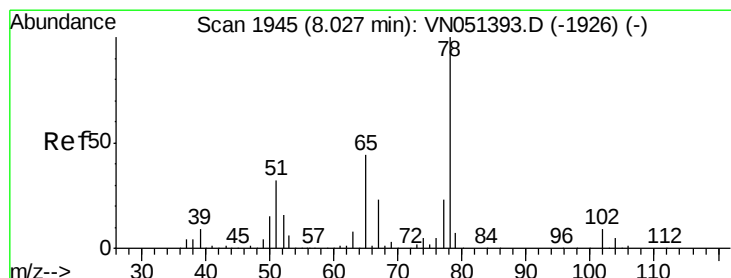
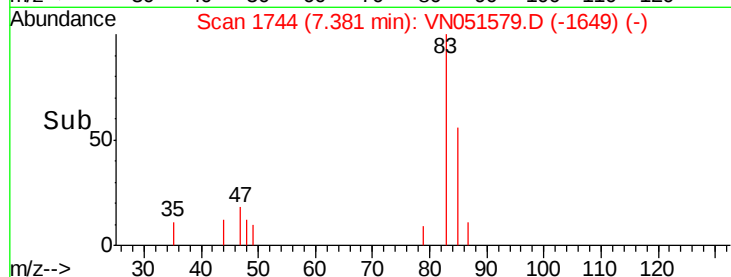
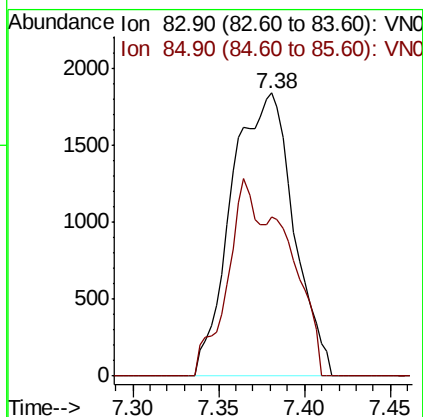
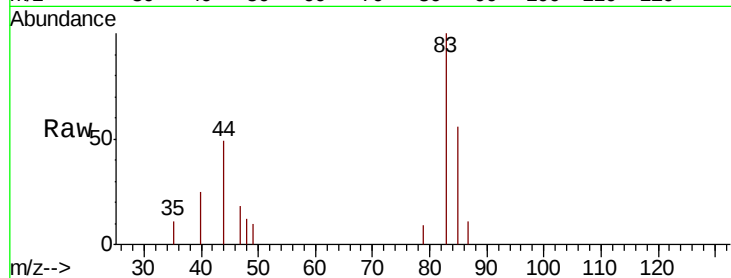




#30
Chloroform
Concen: 0.348 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN051579.D
Acq: 27 Sep 2018 13:03

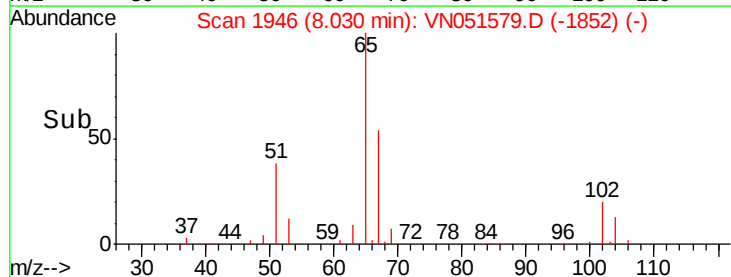
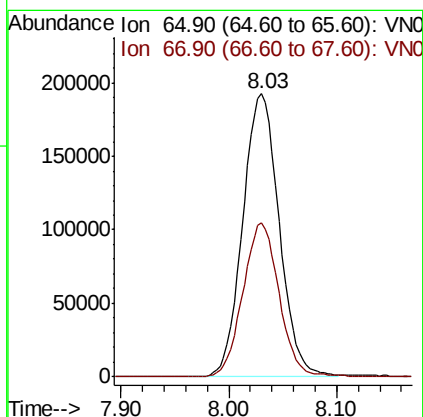
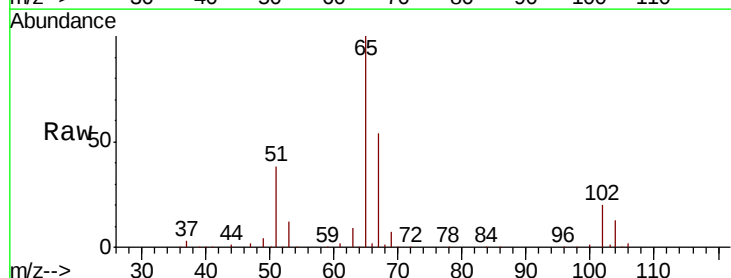
Instrument :
MSVOA_N
ClientSampled :
TP-A

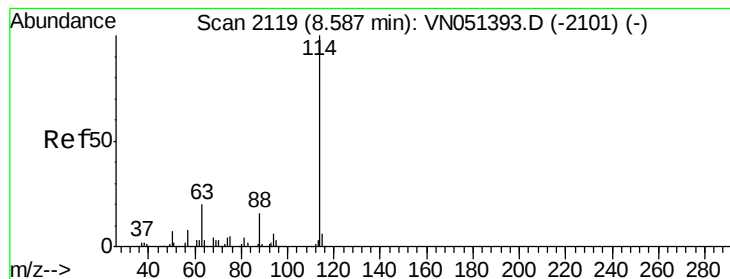
Tot Ion: 83 Resp: 4610
Ion Ratio Lower Upper
83 100
85 56.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 58.207 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051579.D
Acq: 27 Sep 2018 13:03

Tgt Ion: 65 Resp: 452564
Ion Ratio Lower Upper
65 100
67 54.3 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: VN051579.D

Acq: 27 Sep 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

TP-A

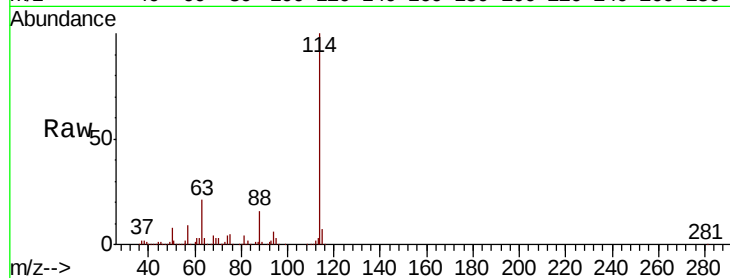
Tot Ion:114 Resp: 1026630

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

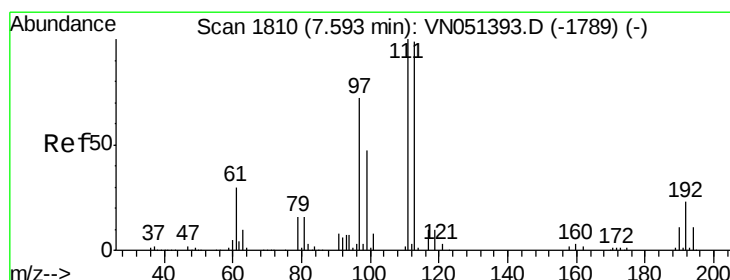
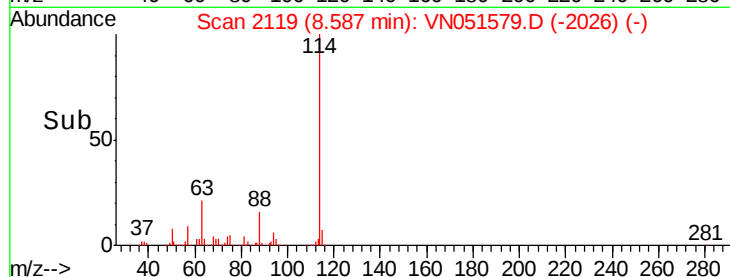
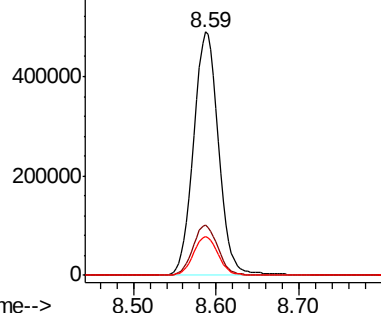
88 15.9 0.0 31.4



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: 48.323 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051579.D

Acq: 27 Sep 2018 13:03

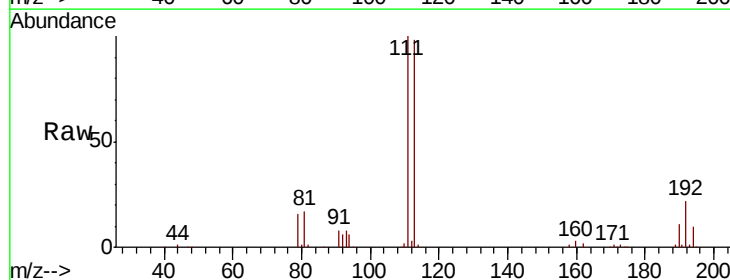
Tgt Ion:113 Resp: 396704

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

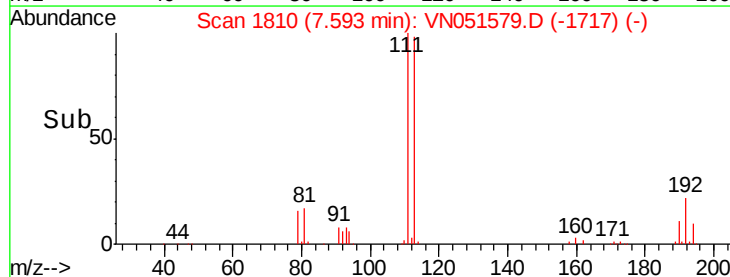
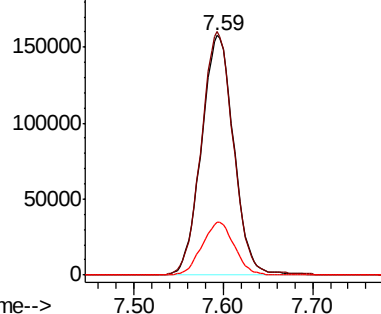
192 22.0 18.0 27.0

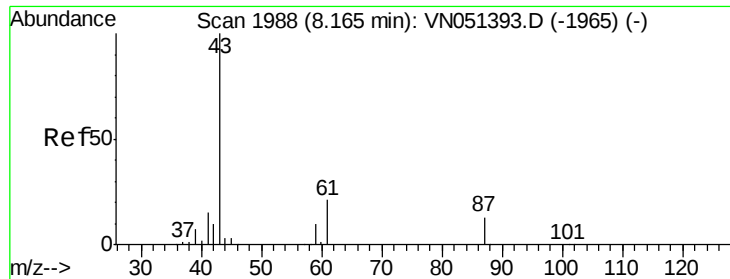


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.823 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051579.D

Acq: 27 Sep 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

TP-A

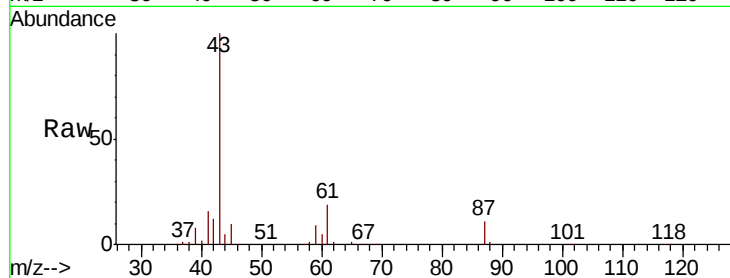
Tot Ion: 43 Resp: 282101

Ion Ratio Lower Upper

43 100

61 17.2 16.8 25.2

87 10.2 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

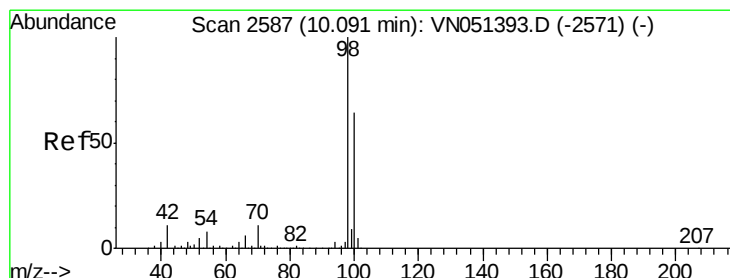
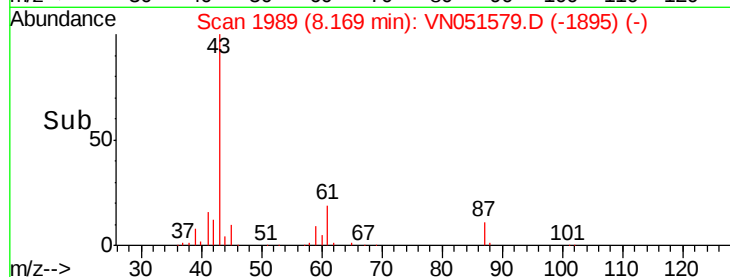
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 45.968 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051579.D

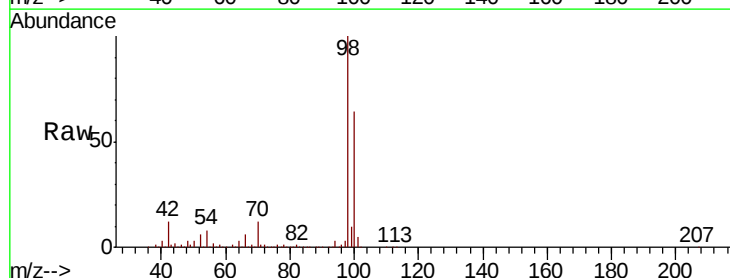
Acq: 27 Sep 2018 13:03

Tgt Ion: 98 Resp: 1421042

Ion Ratio Lower Upper

98 100

100 63.3 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

800000

600000

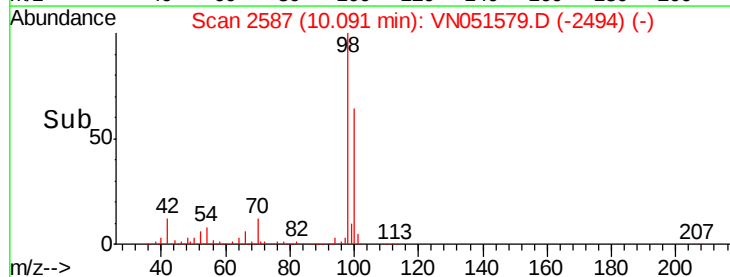
400000

200000

0

10.00 10.10 10.20 10.30

Time-->

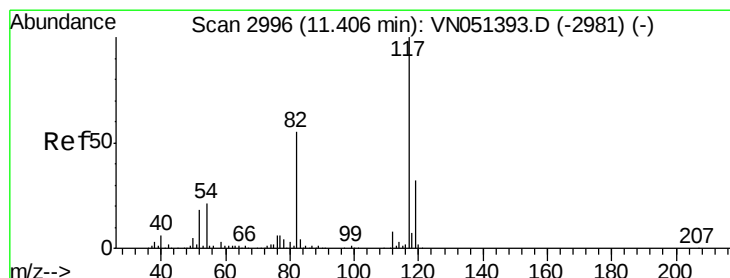
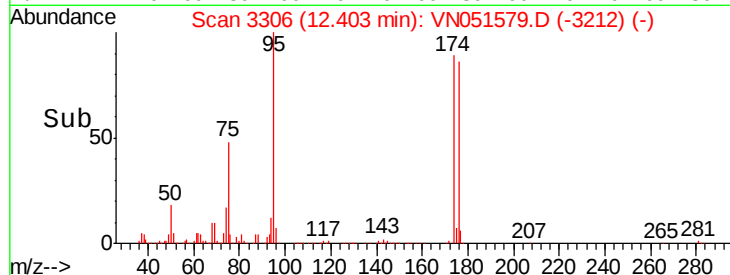
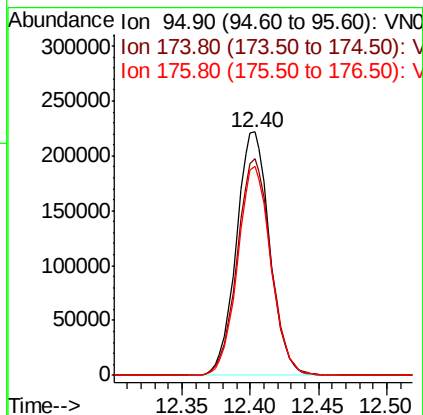
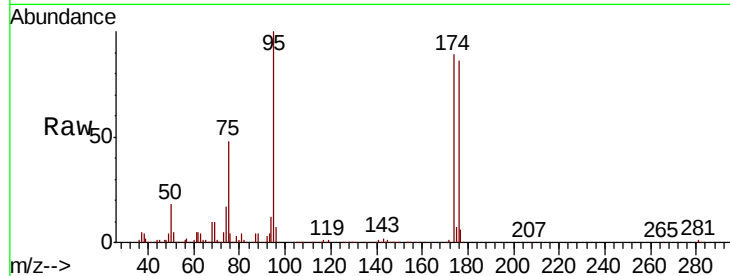




#62
4-Bromofluorobenzene
Concen: 37.645 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051579.D
Acq: 27 Sep 2018 13:03

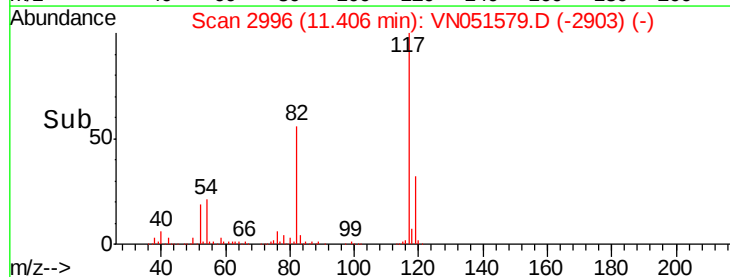
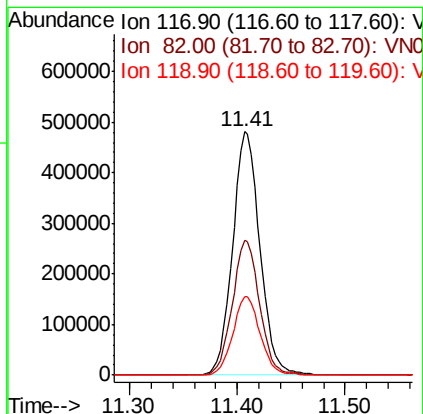
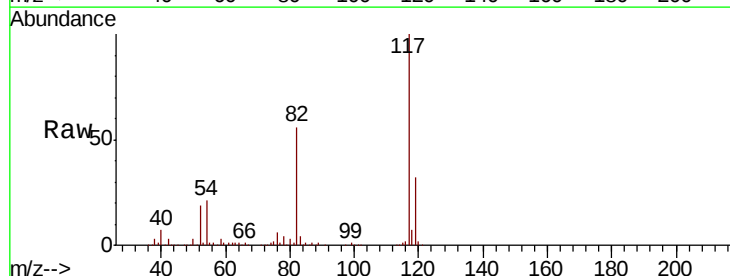
Instrument :
MSVOA_N
ClientSampleId :
TP-A

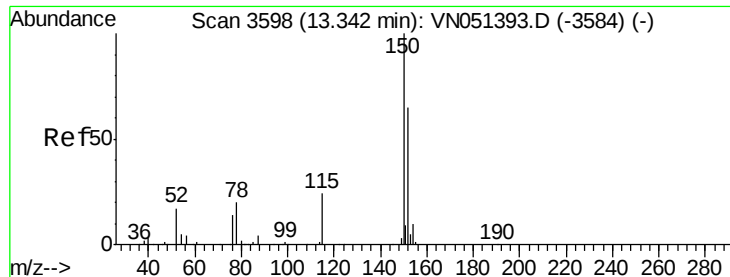
Tot Ion: 95 Resp: 376474
Ion Ratio Lower Upper
95 100
174 90.1 0.0 181.6
176 85.7 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051579.D
Acq: 27 Sep 2018 13:03

Tgt Ion: 117 Resp: 848484
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.4 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: VN051579.D

Acq: 27 Sep 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

TP-A

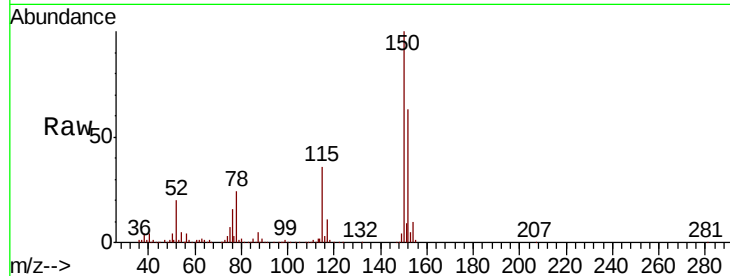
Tot Ion:152 Resp: 297490

Ion Ratio Lower Upper

152 100

115 57.5 28.3 84.9

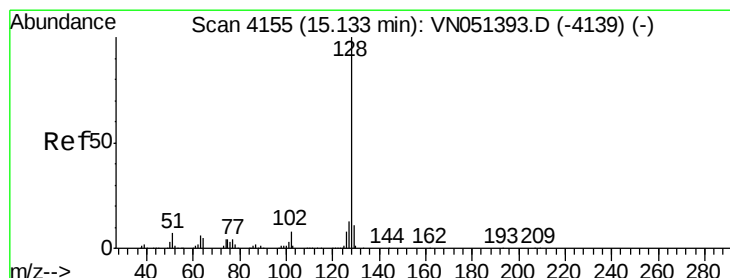
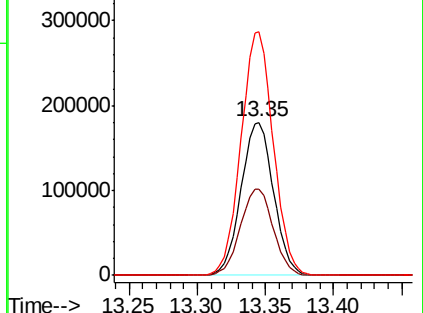
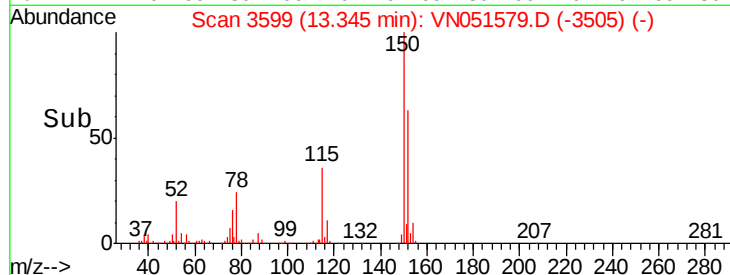
150 158.3 0.0 353.6



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: 20.940 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051579.D

Acq: 27 Sep 2018 13:03

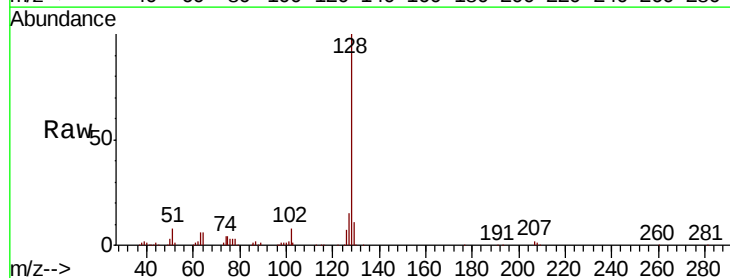
Tgt Ion:128 Resp: 169987

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

129 11.0 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

