

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051572.D
 Acq On : 27 Sep 2018 10:11
 Operator : MD\SY
 Sample : J5081-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

Quant Time: Sep 27 11:45:16 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

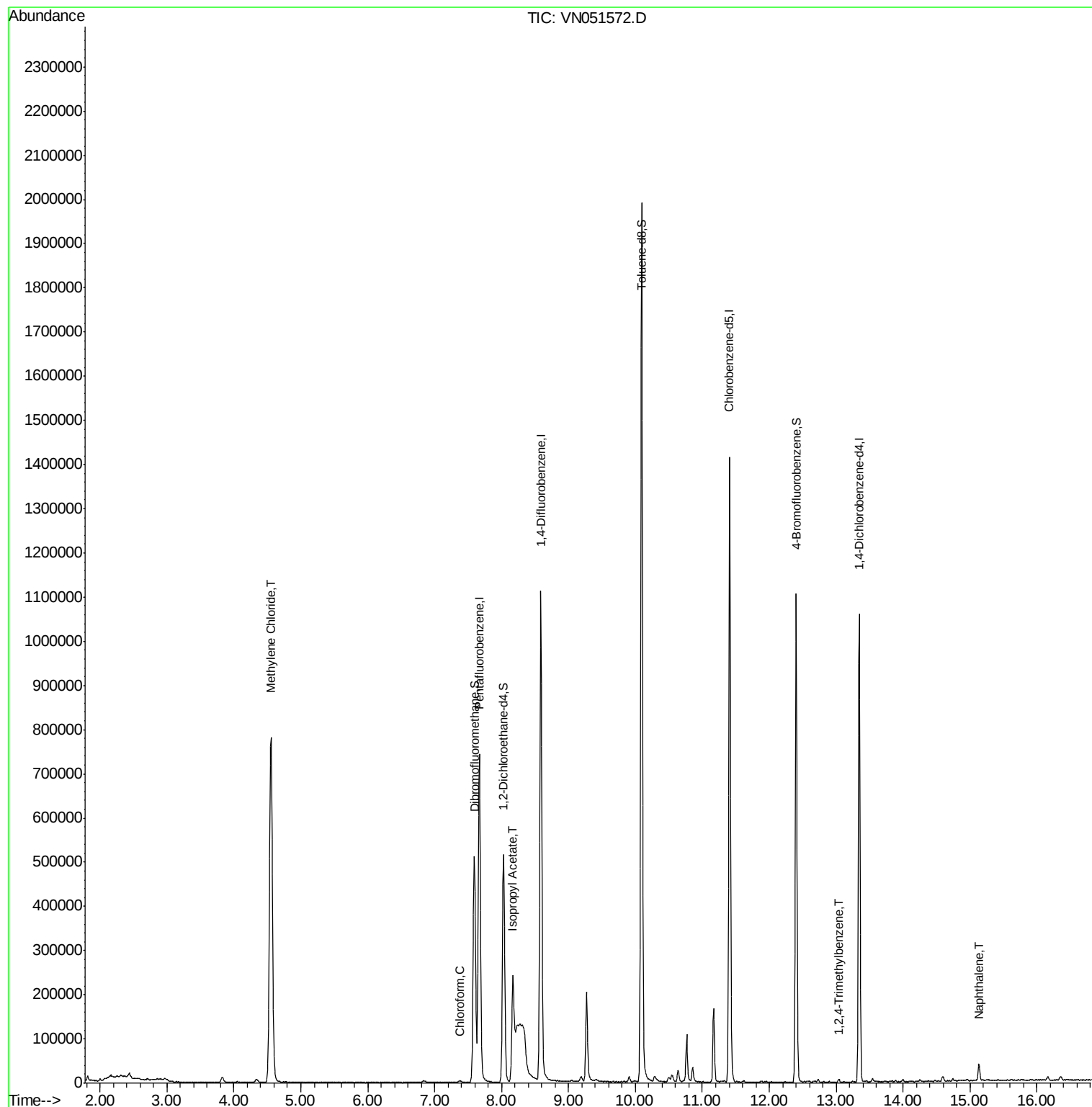
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	633212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1016318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	852406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	302995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	450371	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	7.59	113	393151	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	1416810	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.40	95	376093	37.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.98%	
Target Compounds						
20) Methylene Chloride	4.55	84	583292	74.312	ug/l	97
30) Chloroform	7.38	83	4773	0.353	ug/l	93
43) Isopropyl Acetate	8.17	43	318357	26.018	ug/l #	90
84) 1,2,4-Trimethylbenzene	13.04	105	4205	0.200	ug/l	98
95) Naphthalene	15.13	128	32248	10.446	ug/l	98

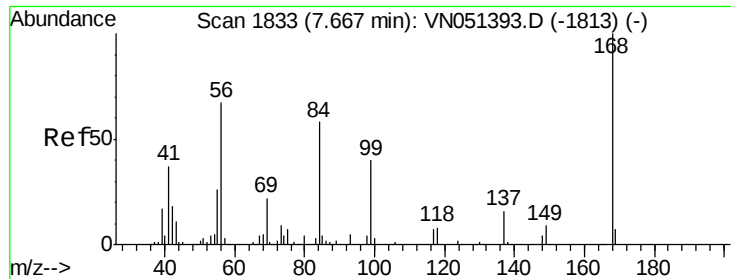
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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Quant Time: Sep 27 11:45:16 2018
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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: VN051572.D

Acq: 27 Sep 2018 10:11

Instrument :

MSVOA_N

ClientSampleId :

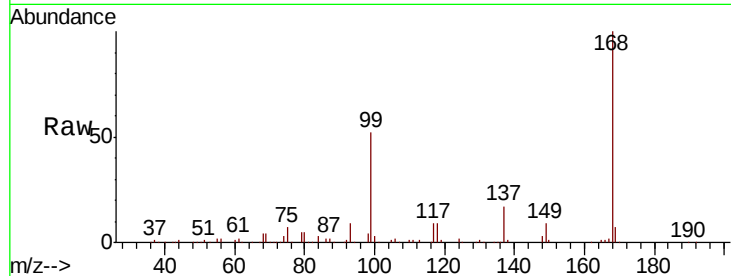
TP-1-S

Tot Ion:168 Resp: 633212

Ion Ratio Lower Upper

168 100

99 52.3 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

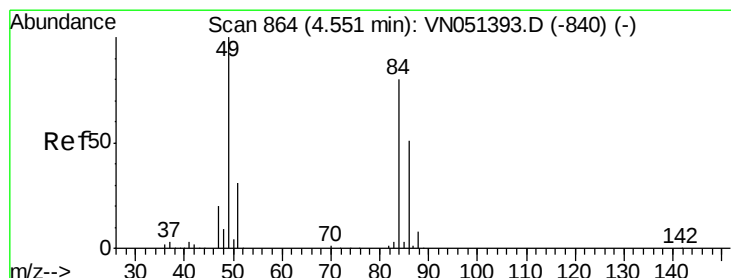
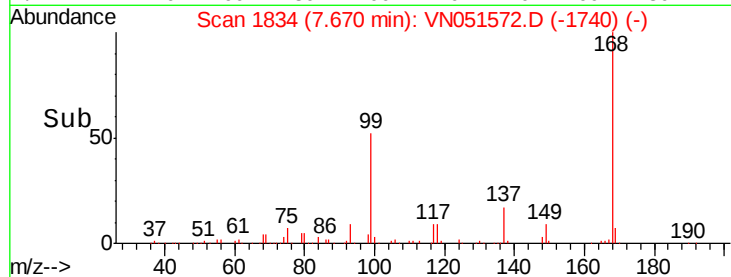
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 74.312 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051572.D

Acq: 27 Sep 2018 10:11

Tgt Ion: 84 Resp: 583292

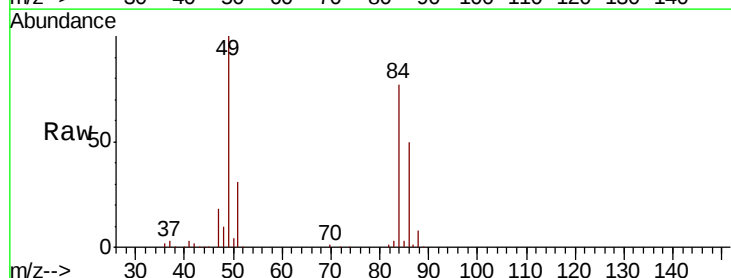
Ion Ratio Lower Upper

84 100

49 129.6 99.9 149.9

51 39.7 31.4 47.2

86 65.2 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

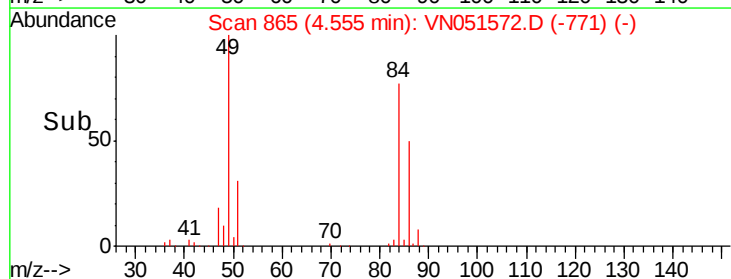
300000

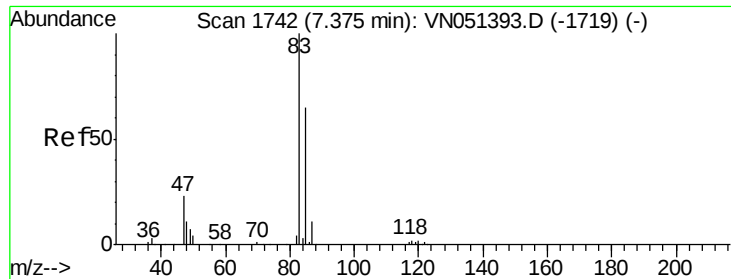
200000

100000

0

Time-->

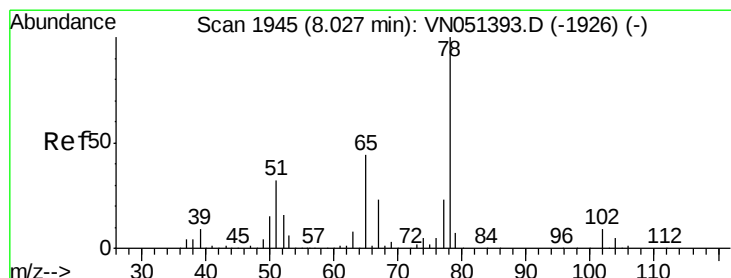
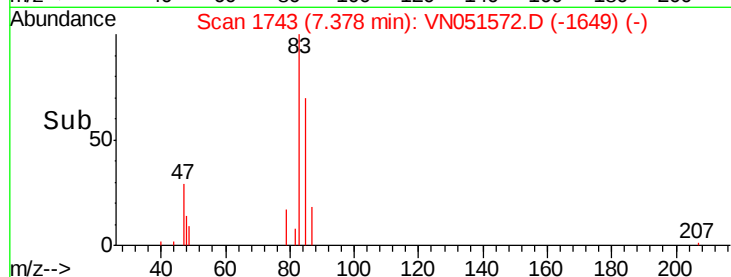
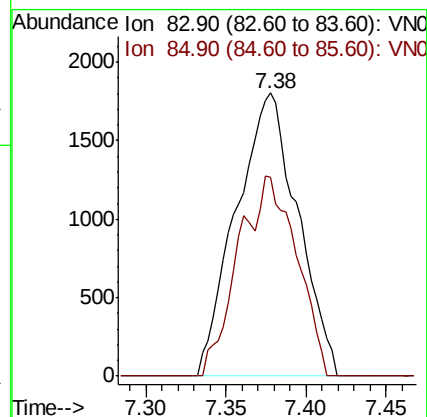
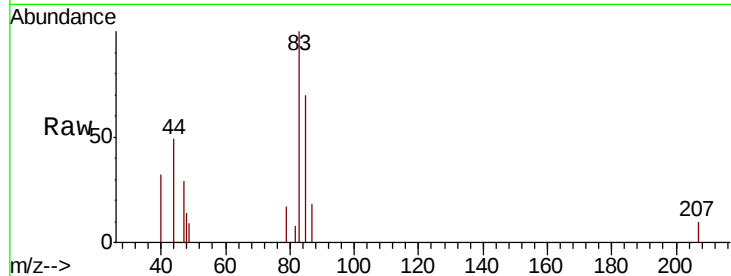




#30
Chloroform
Concen: 0.353 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051572.D
Acq: 27 Sep 2018 10:11

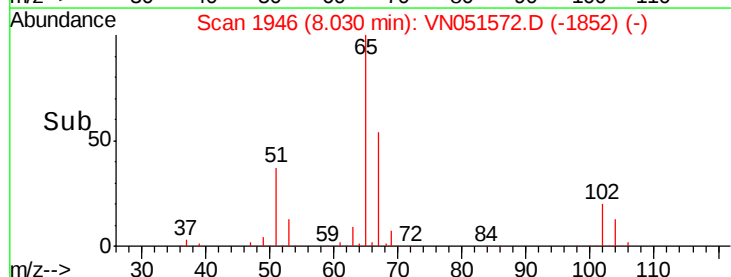
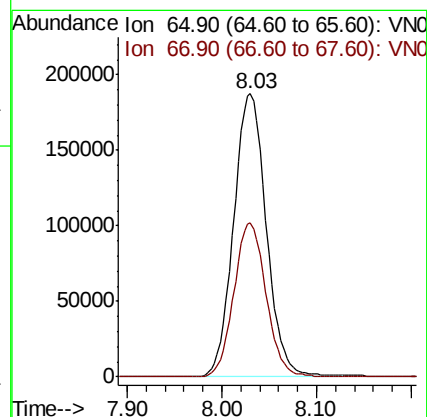
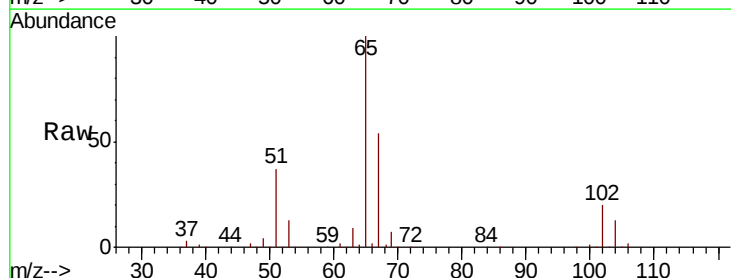
Instrument :
MSVOA_N
ClientSampled :
TP-1-S

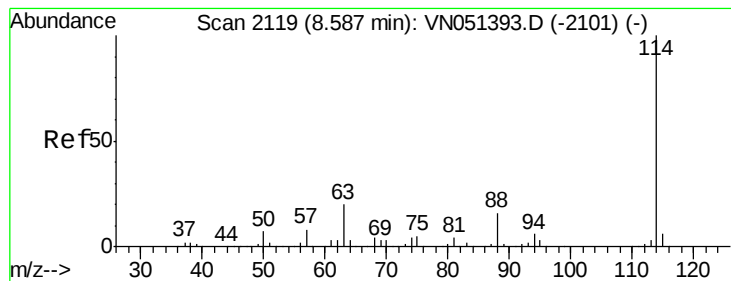
Tot Ion: 83 Resp: 4773
Ion Ratio Lower Upper
83 100
85 70.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 56.778 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051572.D
Acq: 27 Sep 2018 10:11

Tgt Ion: 65 Resp: 450371
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# 2119

Delta R.T. -0.00 min

Lab File: VN051572.D

Acq: 27 Sep 2018 10:11

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

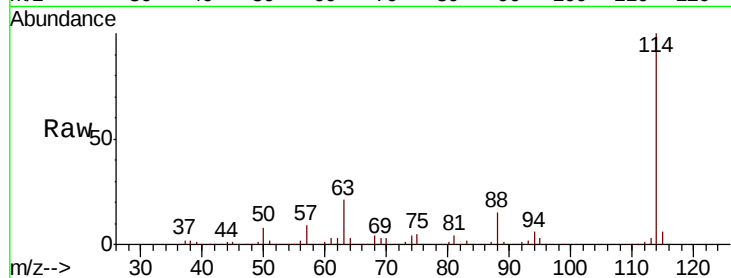
Tot Ion:114 Resp: 1016318

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

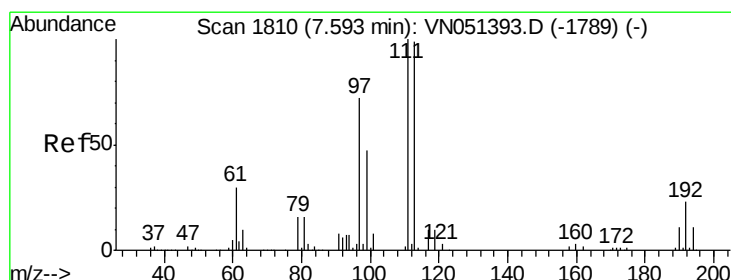
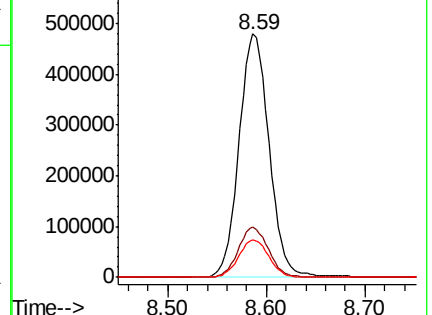
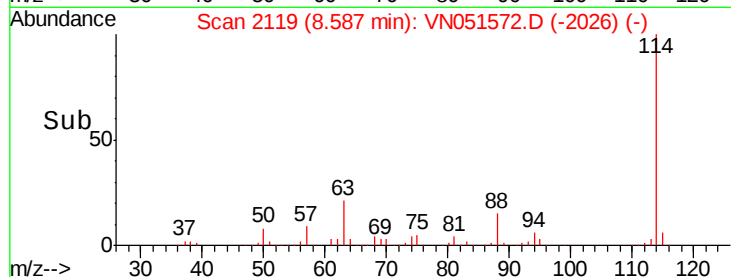
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.376 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051572.D

Acq: 27 Sep 2018 10:11

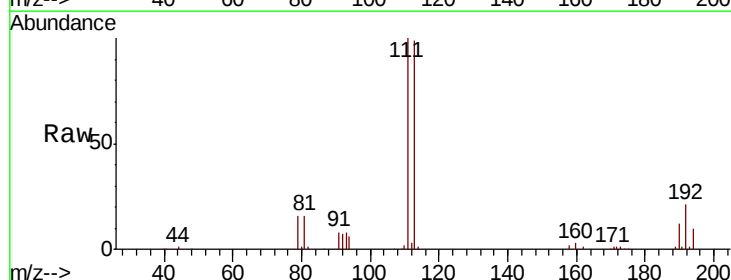
Tgt Ion:113 Resp: 393151

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

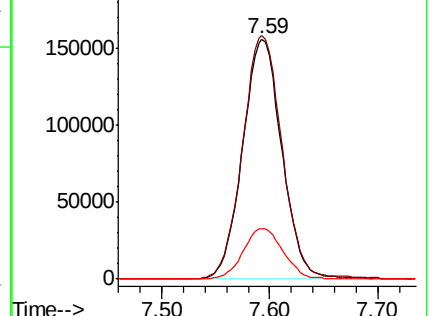
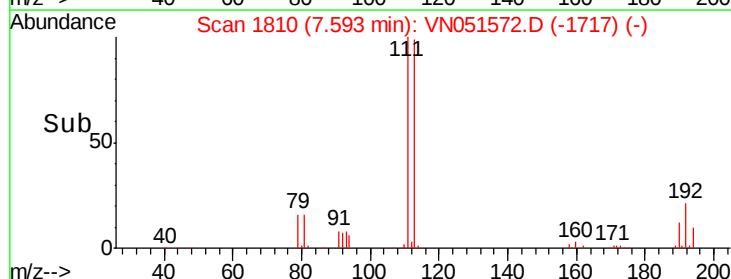
192 21.6 18.0 27.0

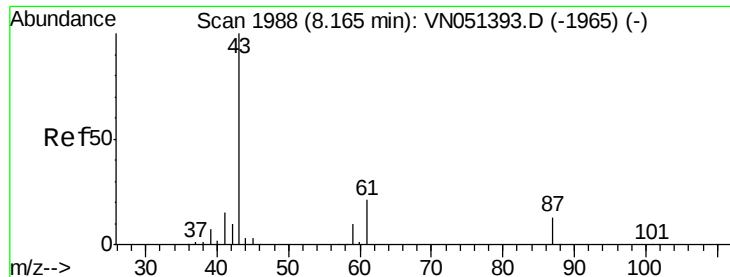


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 26.018 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051572.D

Acq: 27 Sep 2018 10:11

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

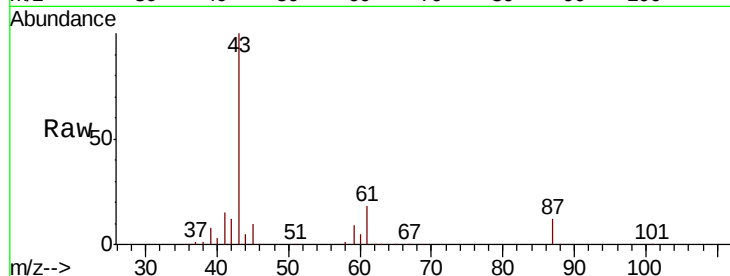
Tot Ion: 43 Resp: 318357

Ion Ratio Lower Upper

43 100

61 16.1 16.8 25.2#

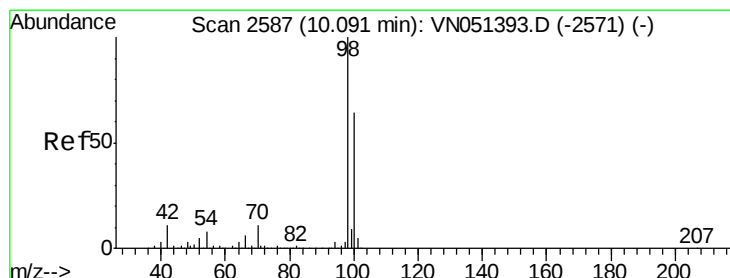
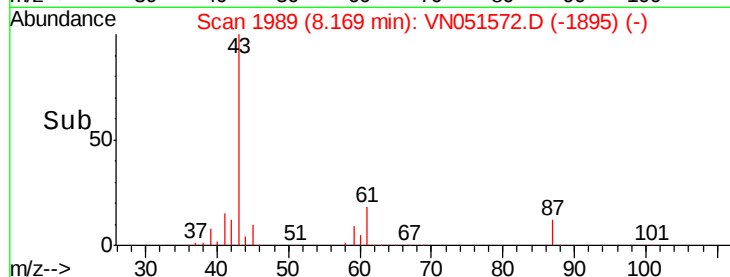
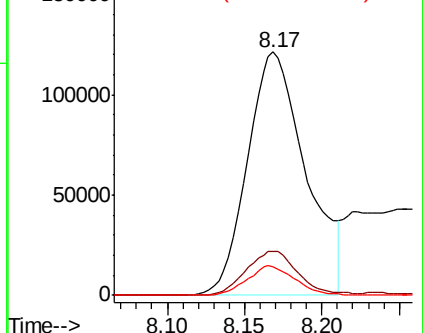
87 10.0 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 46.296 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051572.D

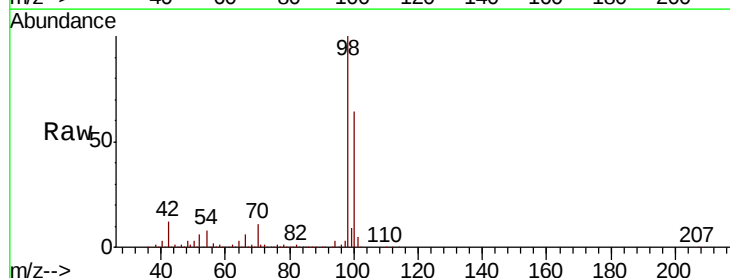
Acq: 27 Sep 2018 10:11

Tgt Ion: 98 Resp: 1416810

Ion Ratio Lower Upper

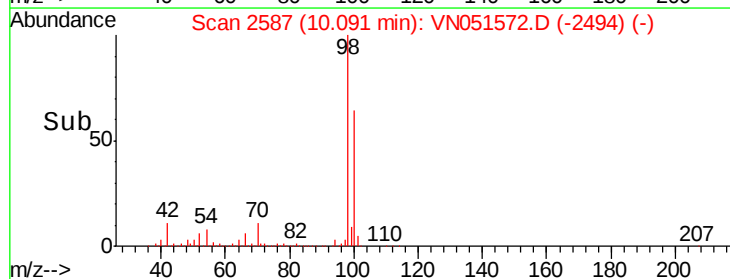
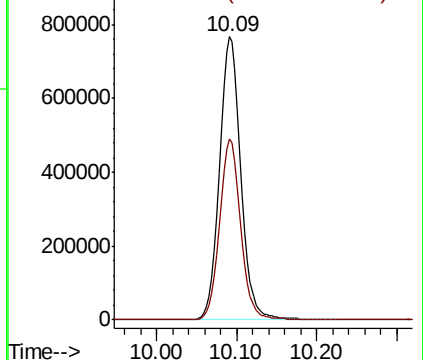
98 100

100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.988 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051572.D

Acq: 27 Sep 2018 10:11

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

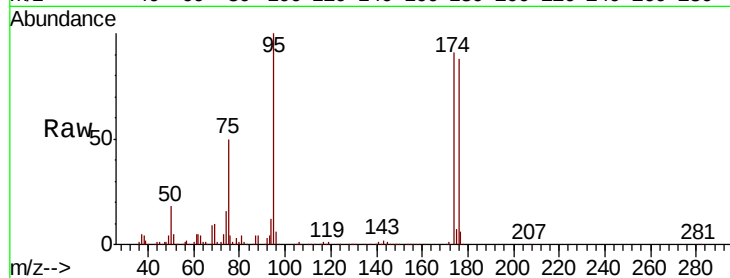
Tot Ion: 95 Resp: 376093

Ion Ratio Lower Upper

95 100

174 89.7 0.0 181.6

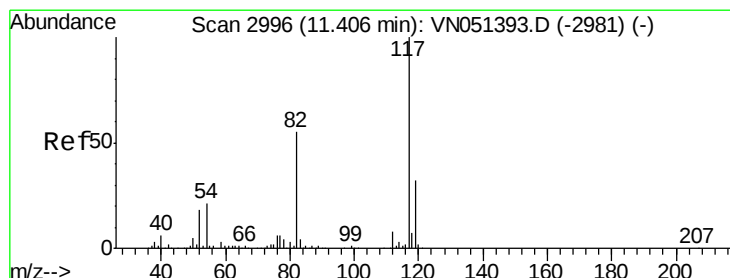
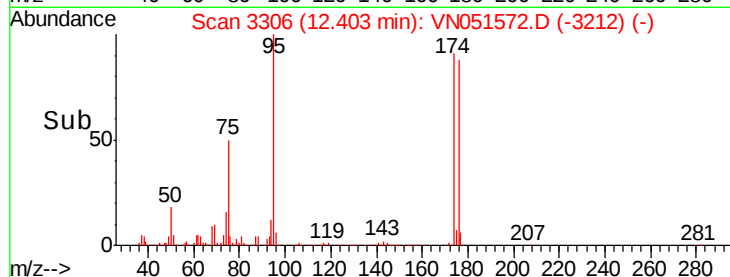
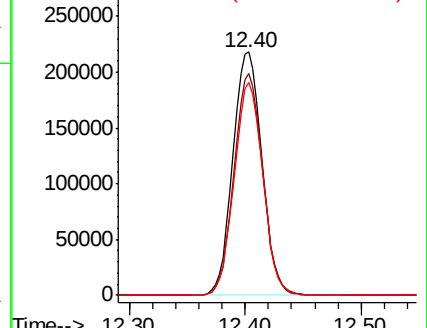
176 86.1 0.0 176.4



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# 2997

Delta R.T. 0.00 min

Lab File: VN051572.D

Acq: 27 Sep 2018 10:11

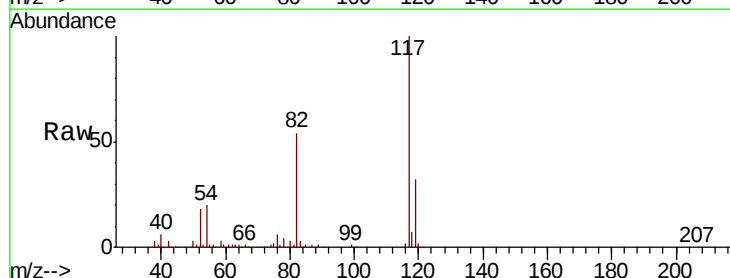
Tgt Ion: 117 Resp: 852406

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

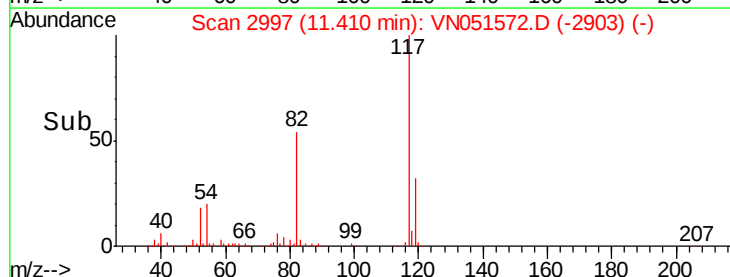
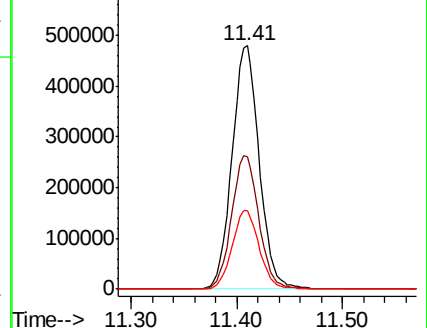
119 32.2 25.9 38.9

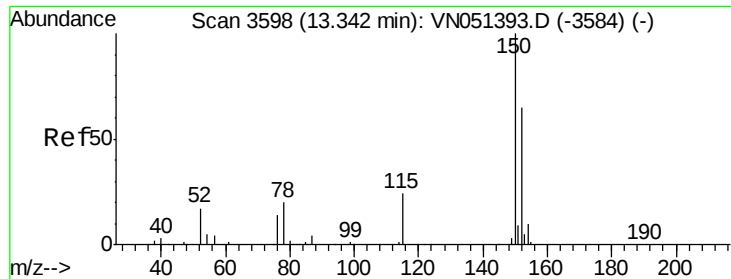


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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: VN051572.D

Acq: 27 Sep 2018 10:11

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

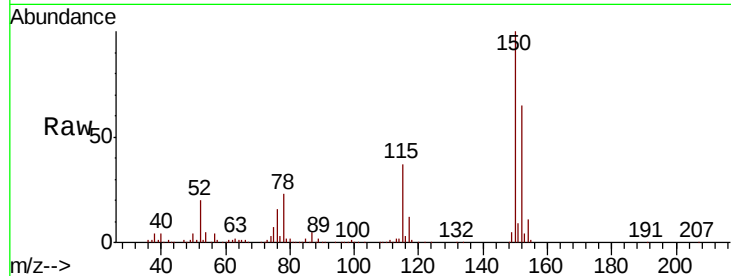
Tot Ion:152 Resp: 302995

Ion Ratio Lower Upper

152 100

115 56.9 28.3 84.9

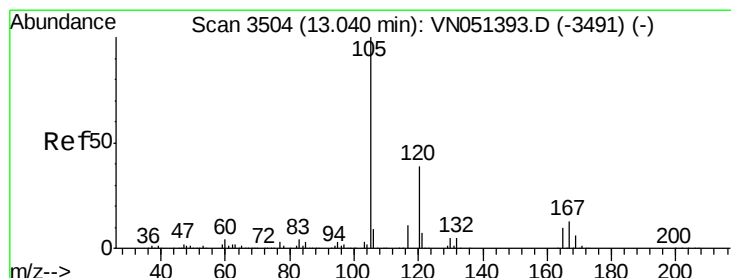
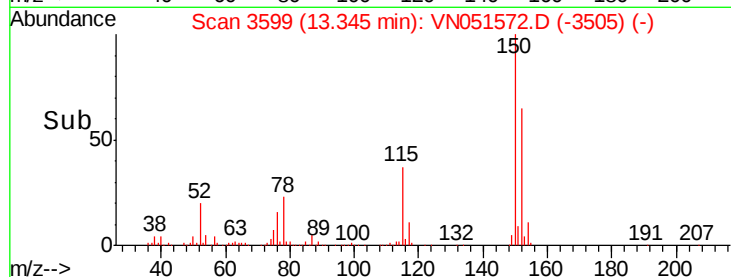
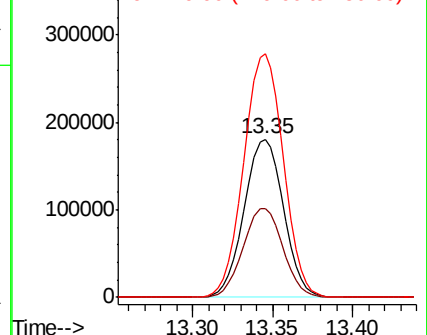
150 155.1 0.0 353.6



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



#84

1,2,4-Trimethylbenzene

Concen: 0.200 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN051572.D

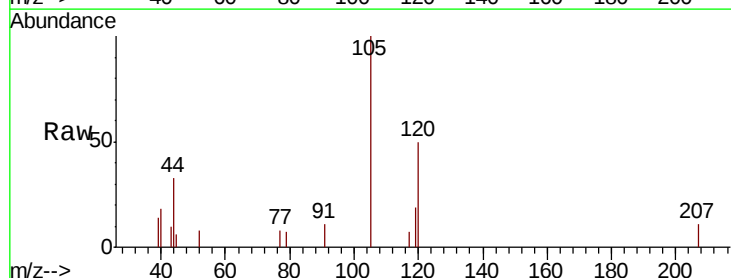
Acq: 27 Sep 2018 10:11

Tgt Ion:105 Resp: 4205

Ion Ratio Lower Upper

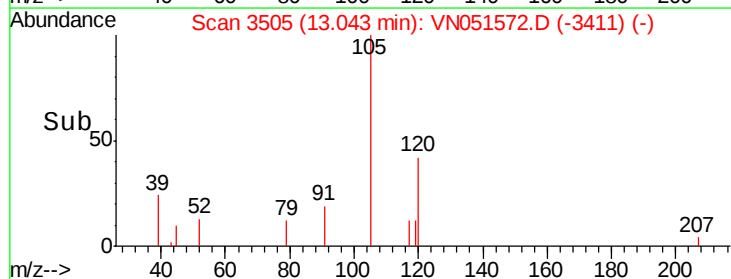
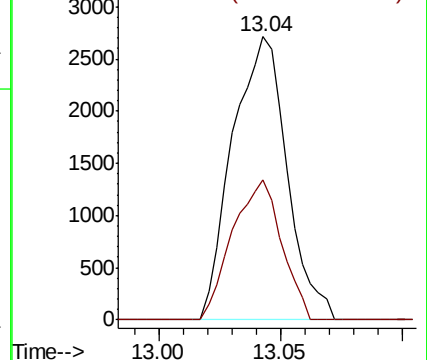
105 100

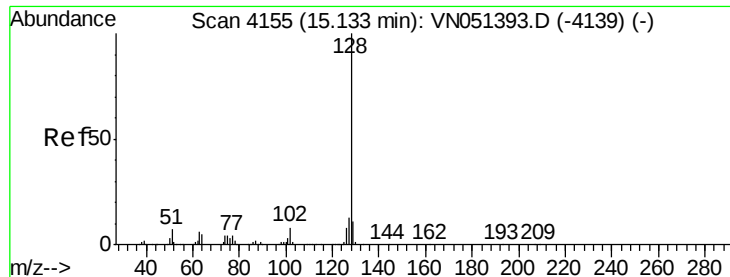
120 44.8 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

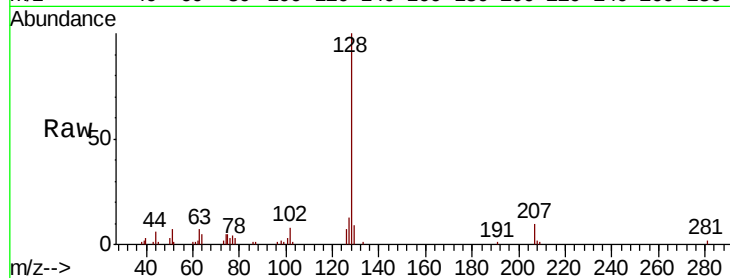




#95
Naphthalene
Concen: 10.446 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051572.D
Acq: 27 Sep 2018 10:11

Instrument :
MSVOA_N
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.2	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

