

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051596.D
 Acq On : 27 Sep 2018 20:57
 Operator : MD\SY
 Sample : J5081-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Quant Time: Sep 28 02:23:30 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

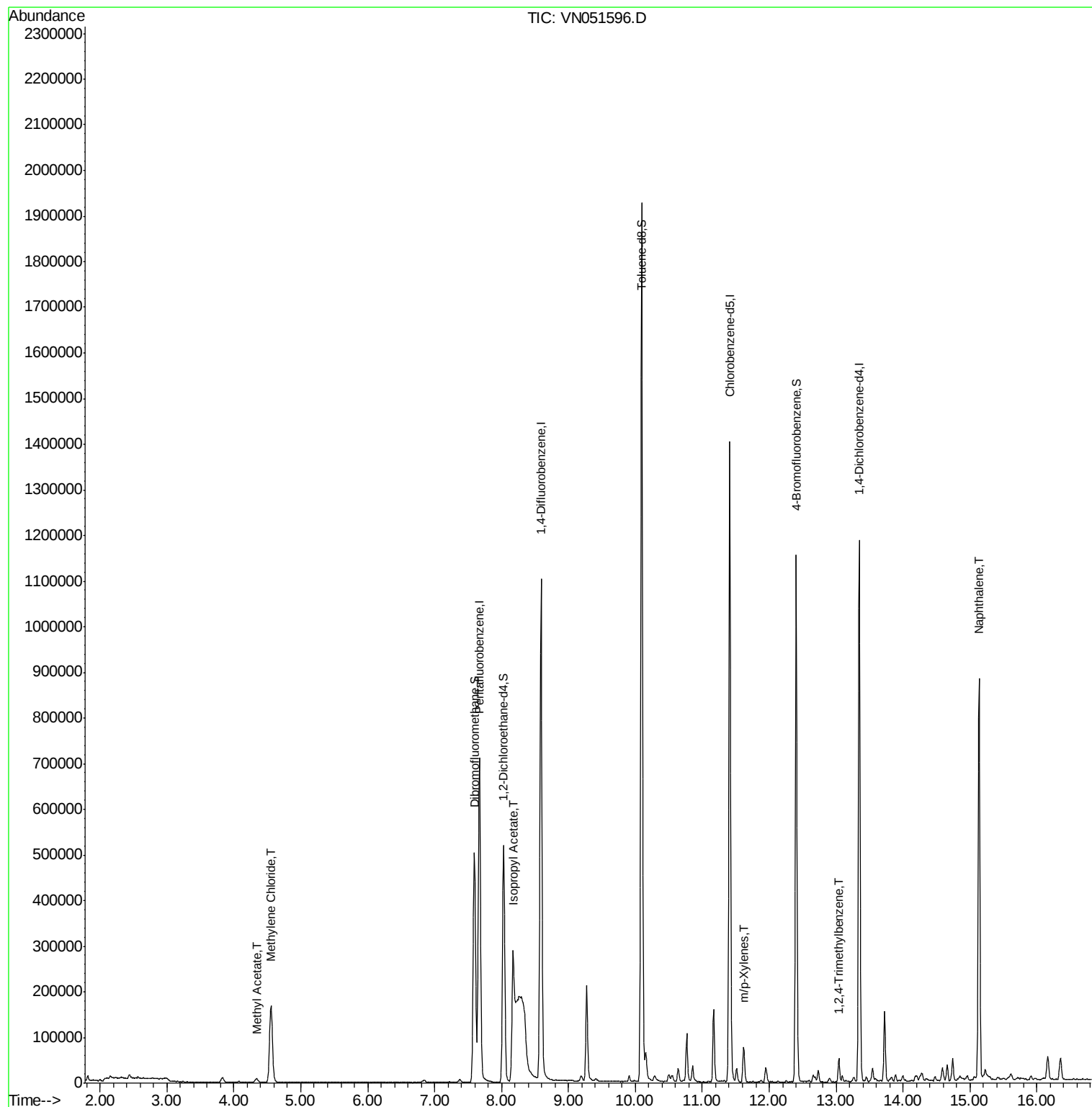
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	842888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	326496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440060	58.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.96%	
35) Dibromofluoromethane	7.59	113	385984	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.09	98	1384536	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	12.40	95	385116	39.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.58%	
Target Compounds						
18) Methyl Acetate	4.34	43	17203	3.028	ug/l	99
20) Methylene Chloride	4.55	84	122888	16.646	ug/l	98
43) Isopropyl Acetate	8.17	43	403354	33.293	ug/l #	85
68) m/p-Xylenes	11.62	106	24893	1.766	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	29119	1.286	ug/l	98
95) Naphthalene	15.14	128	742890	59.396	ug/l	99

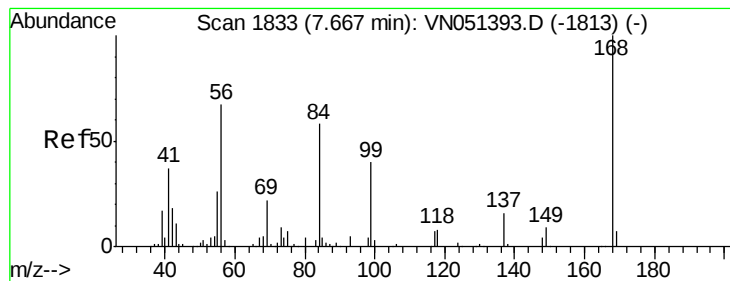
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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Acq On : 27 Sep 2018 20:57
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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# 1833

Delta R.T. -0.00 min

Lab File: VN051596.D

Acq: 27 Sep 2018 20:57

Instrument :

MSVOA_N

ClientSampleId :

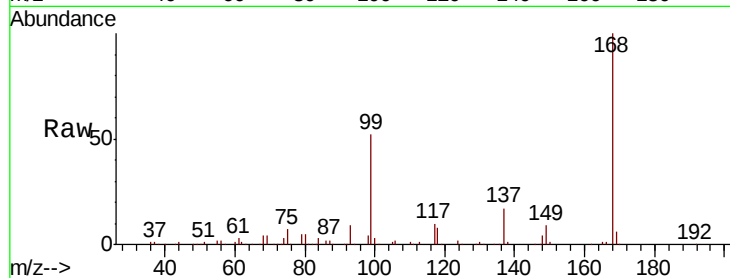
TP-2-S

Tot Ion:168 Resp: 595573

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): VN

7.67

250000

200000

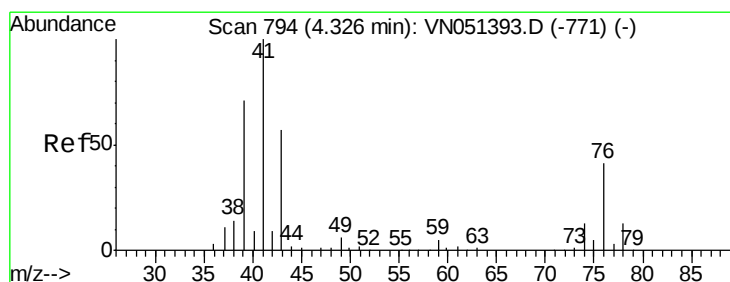
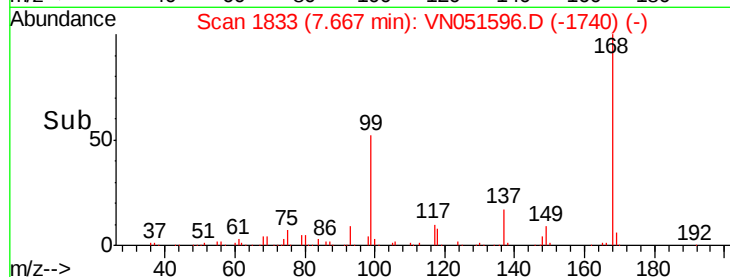
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 3.028 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051596.D

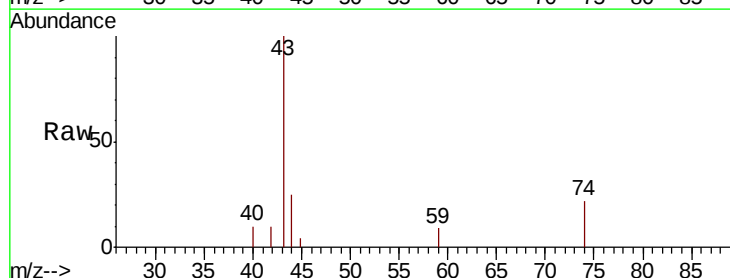
Acq: 27 Sep 2018 20:57

Tgt Ion: 43 Resp: 17203

Ion Ratio Lower Upper

43 100

74 23.1 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

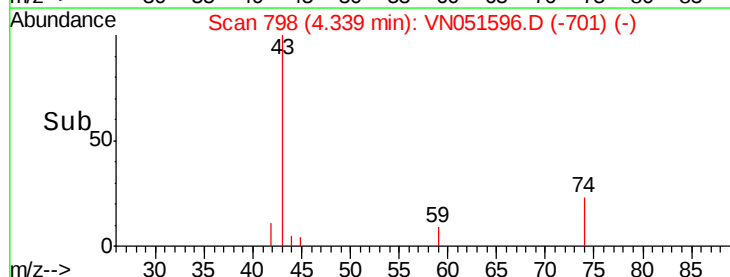
6000

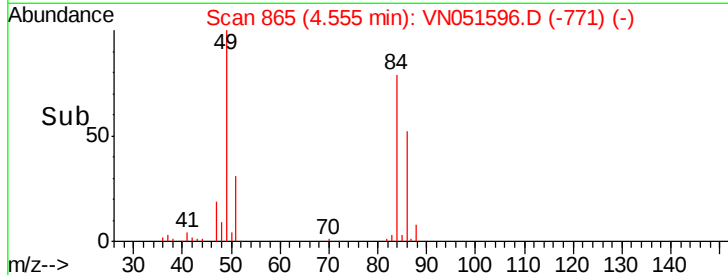
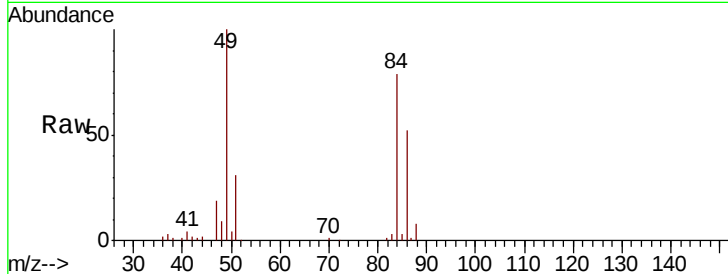
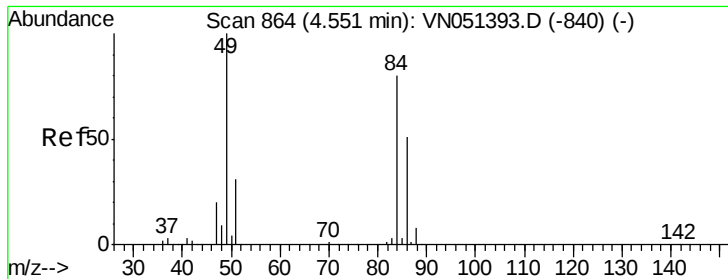
4000

2000

0

Time-->

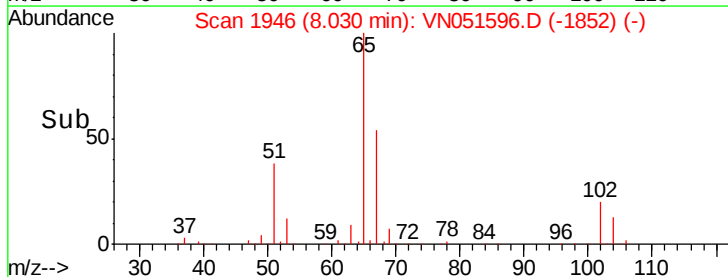
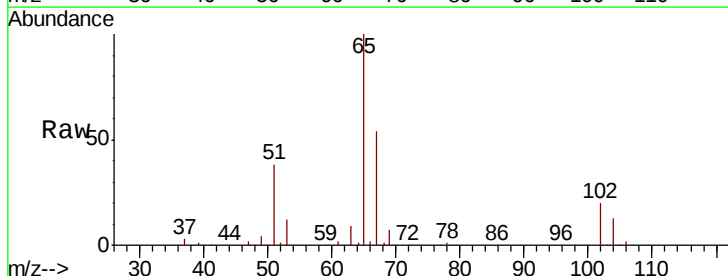
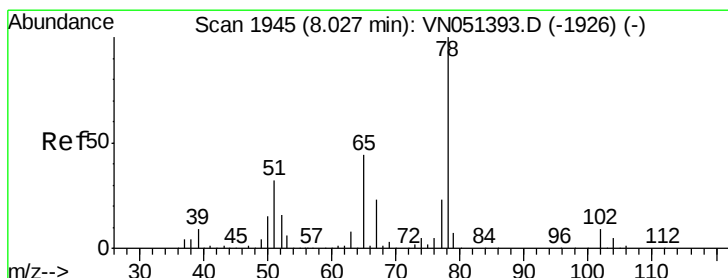
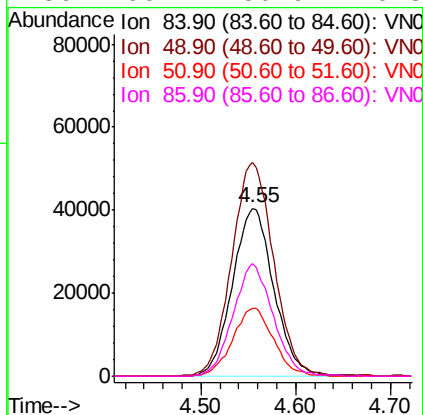




#20
Methylene Chloride
Concen: 16.646 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051596.D
Acq: 27 Sep 2018 20:57

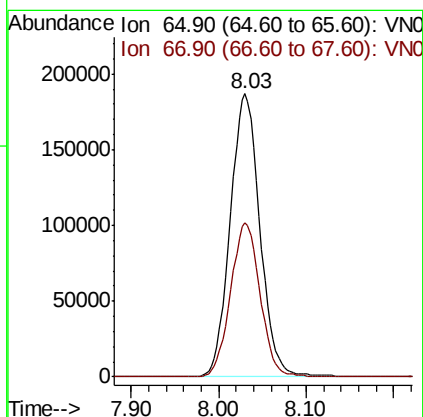
Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

Tot Ion: 84 Resp: 122888
Ion Ratio Lower Upper
84 100
49 126.4 99.9 149.9
51 40.0 31.4 47.2
86 66.7 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 58.984 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051596.D
Acq: 27 Sep 2018 20:57

Tgt Ion: 65 Resp: 440060
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8

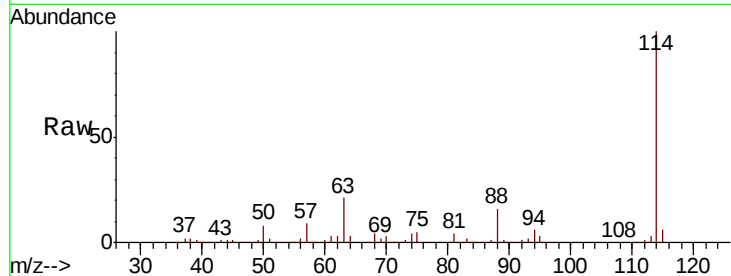




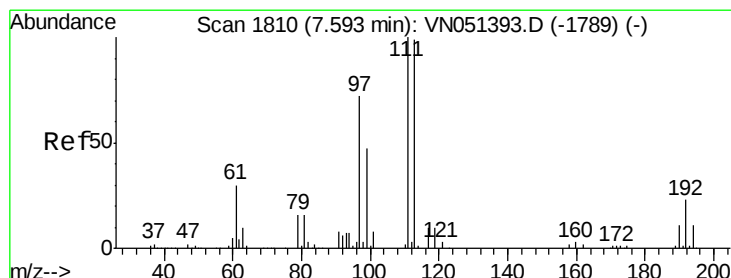
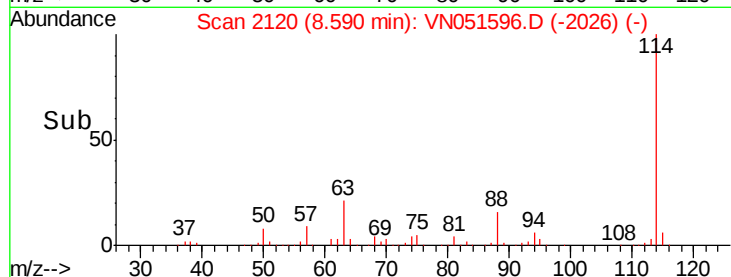
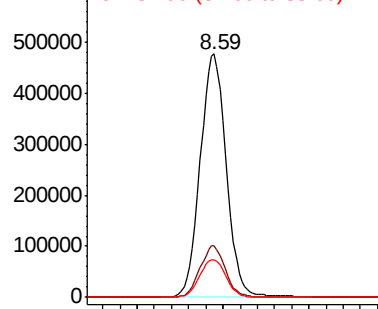
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051596.D
 Acq: 27 Sep 2018 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Tot Ion:114 Resp: 1006283
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.2
 88 15.5 0.0 31.4

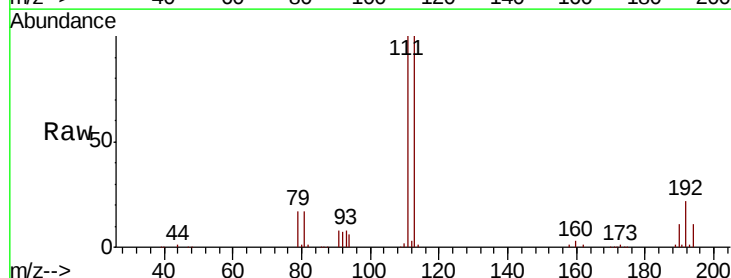


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

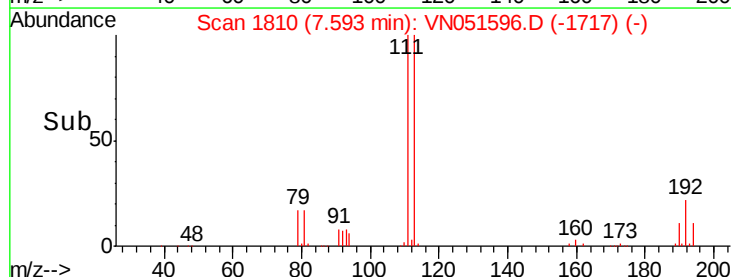
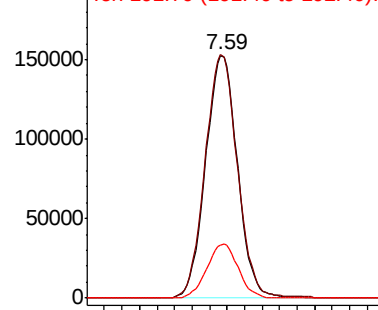


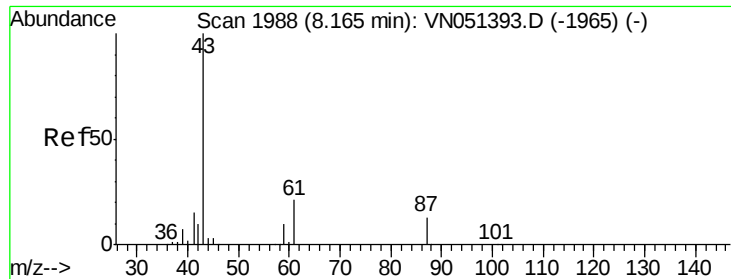
#35
 Dibromofluoromethane
 Concen: 47.967 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051596.D
 Acq: 27 Sep 2018 20:57

Tgt Ion:113 Resp: 385984
 Ion Ratio Lower Upper
 113 100
 111 101.7 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: 33.293 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051596.D

Acq: 27 Sep 2018 20:57

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

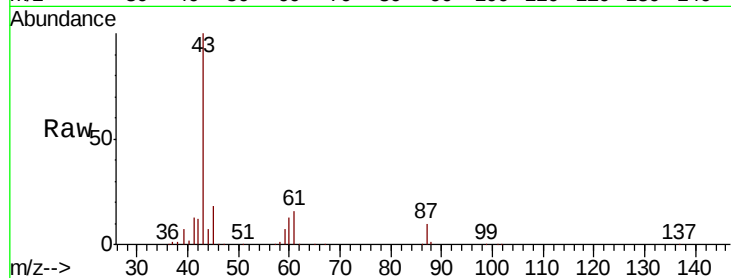
Tot Ion: 43 Resp: 403354

Ion Ratio Lower Upper

43 100

61 13.5 16.8 25.2#

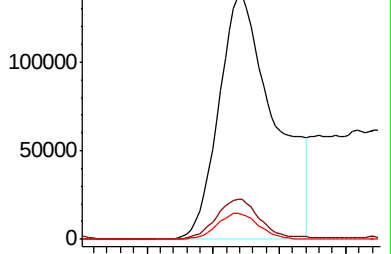
87 8.1 10.7 16.1#



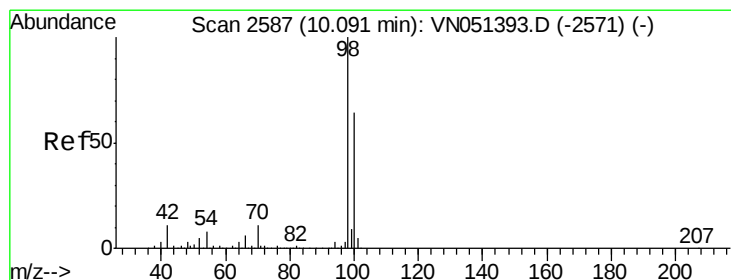
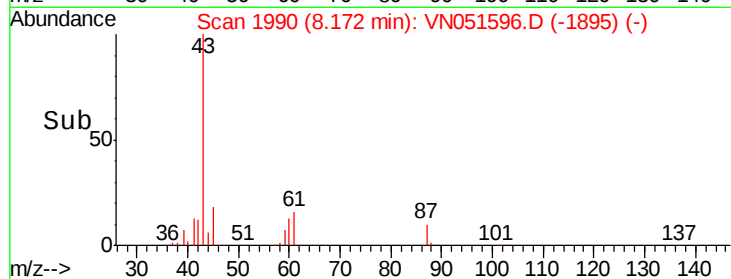
Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

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

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



Time-->



#50

Toluene-d8

Concen: 45.692 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051596.D

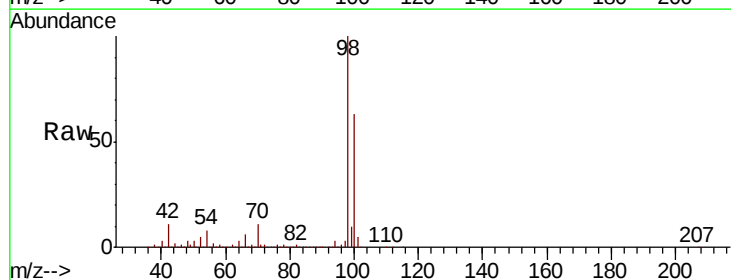
Acq: 27 Sep 2018 20:57

Tgt Ion: 98 Resp: 1384536

Ion Ratio Lower Upper

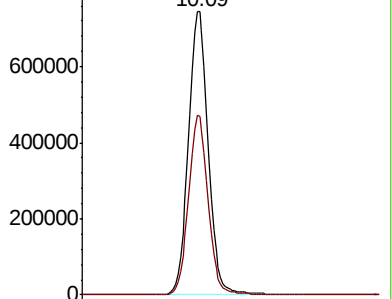
98 100

100 62.5 50.6 75.8

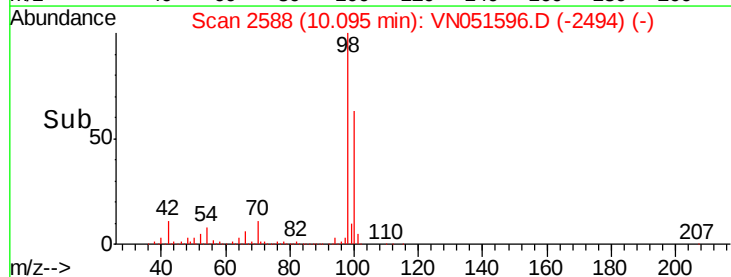


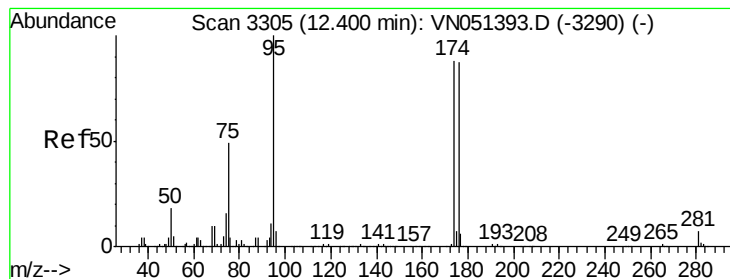
Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

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



Time-->





#62

4-Bromofluorobenzene

Concen: 39.288 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051596.D

Acq: 27 Sep 2018 20:57

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

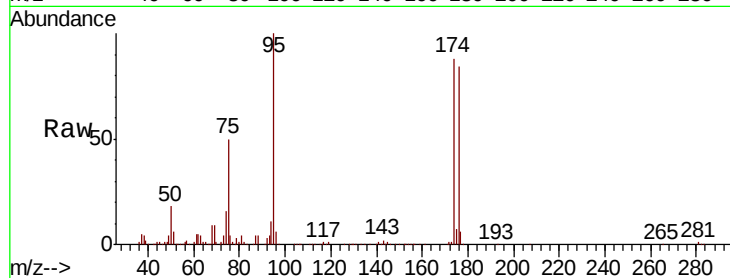
Tot Ion: 95 Resp: 385116

Ion Ratio Lower Upper

95 100

174 87.8 0.0 181.6

176 84.5 0.0 176.4

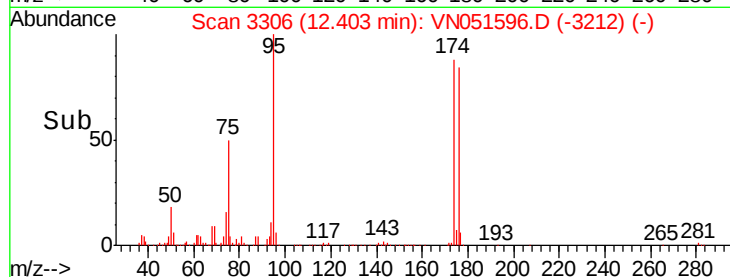


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

Time-->

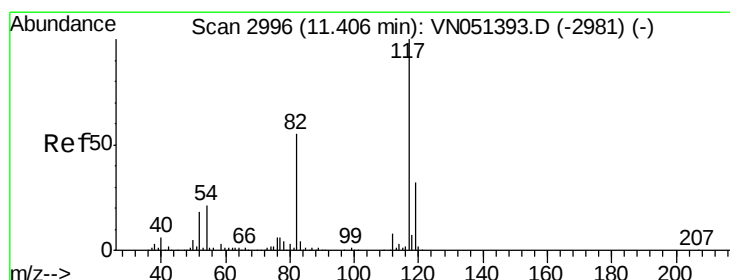


Abundance Ion 94.90 (94.60 to 95.60): VN051596.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051596.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051596.D (-3212) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051596.D

Acq: 27 Sep 2018 20:57

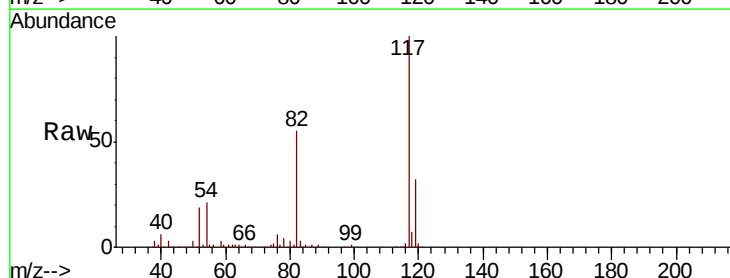
Tgt Ion: 117 Resp: 842888

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

119 31.7 25.9 38.9

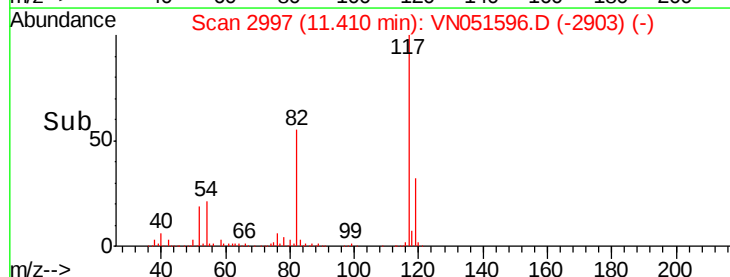


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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

Time-->

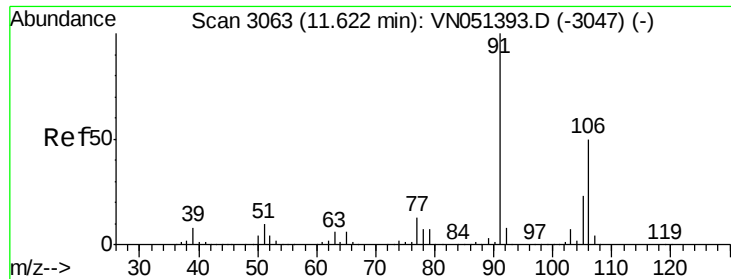


Abundance Ion 116.90 (116.60 to 117.60): VN051596.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051596.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051596.D (-2903) (-)

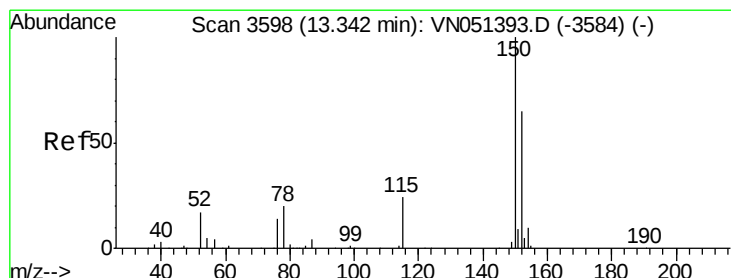
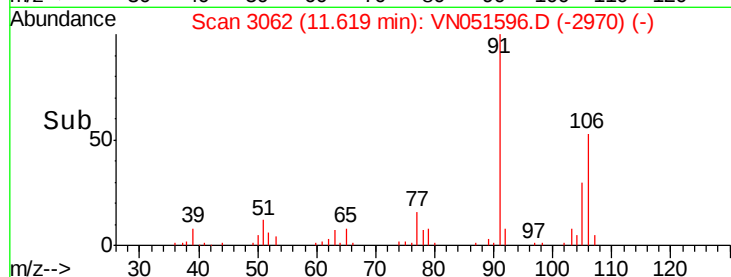
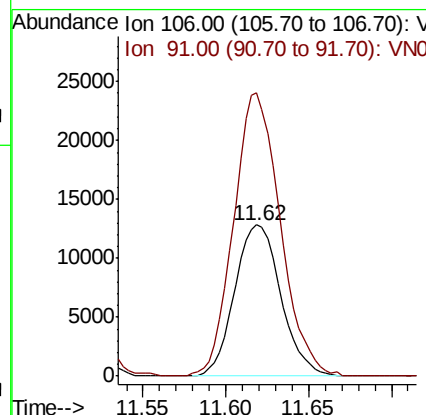
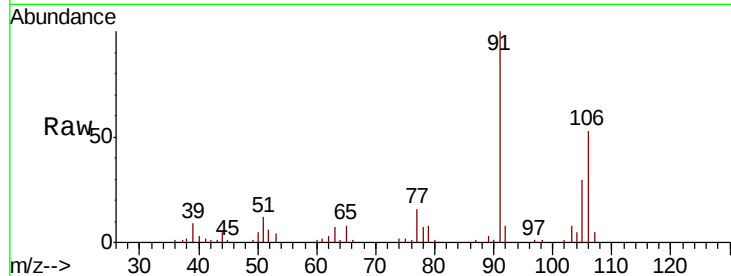
Time-->



#68
m/p-Xvlenes
Concen: 1.766 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051596.D
Acq: 27 Sep 2018 20:57

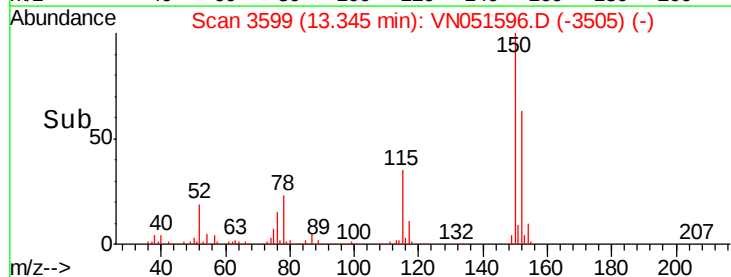
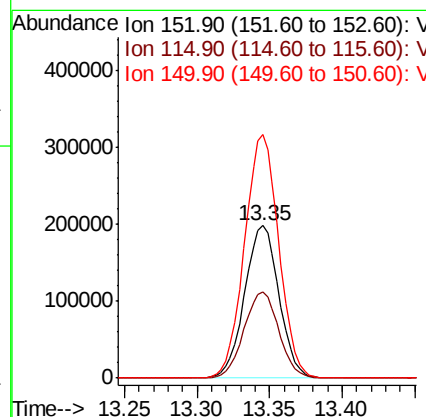
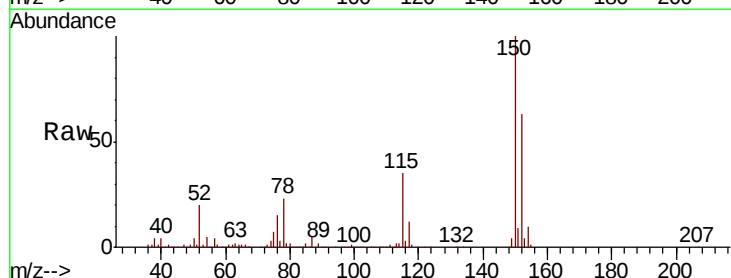
Instrument :
MSVOA_N
ClientSampled :
TP-2-S

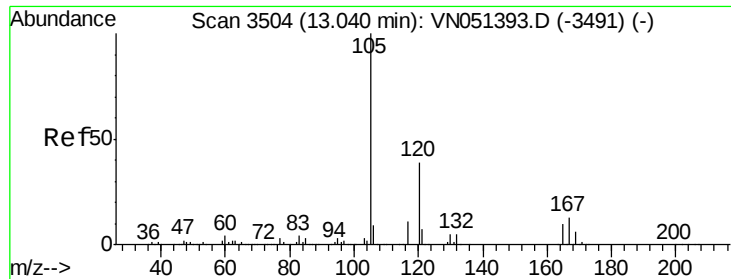
Tot Ion:106 Resp: 24893
Ion Ratio Lower Upper
106 100
91 189.1 161.3 241.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051596.D
Acq: 27 Sep 2018 20:57

Tgt Ion:152 Resp: 326496
Ion Ratio Lower Upper
152 100
115 57.5 28.3 84.9
150 159.3 0.0 353.6

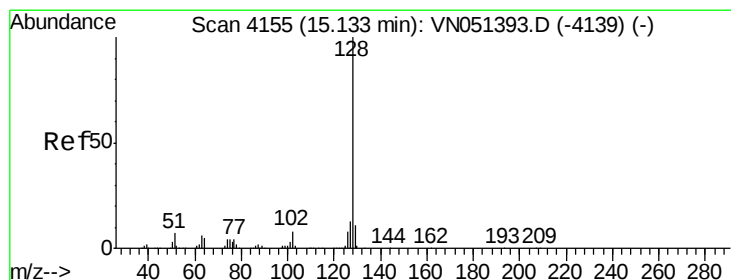
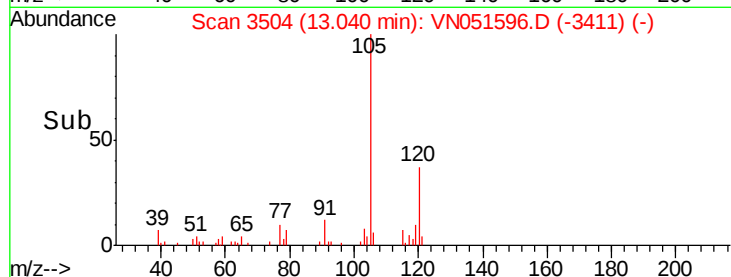
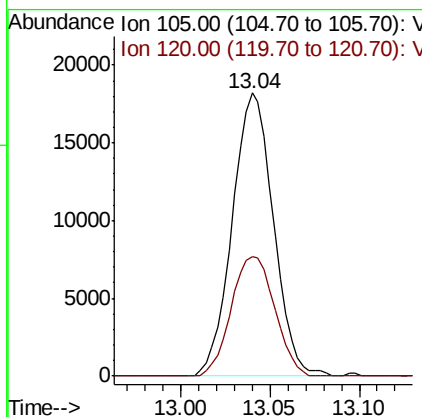
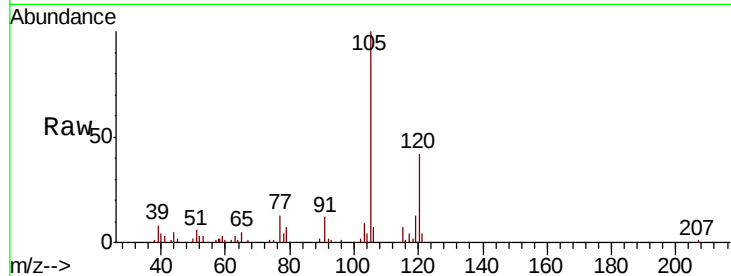




#84
 1,2,4-Trimethylbenzene
 Concen: 1.286 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051596.D
 Acq: 27 Sep 2018 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Tot Ion:105 Resp: 29119
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.9 68.7



#95
 Naphthalene
 Concen: 59.396 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN051596.D
 Acq: 27 Sep 2018 20:57

Tgt Ion:128 Resp: 742890
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.5 15.7
 129 11.0 8.6 12.8

