

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051015.D
 Acq On : 4 Sep 2018 13:27
 Operator : MD\SY
 Sample : PB112553ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#01

Quant Time: Sep 05 01:46:09 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	978879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	391926	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	377546	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	10.09	98	1358952	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.40	95	364420	37.67	ug/l	0.00
Spiked Amount			Recovery	=	75.34%	

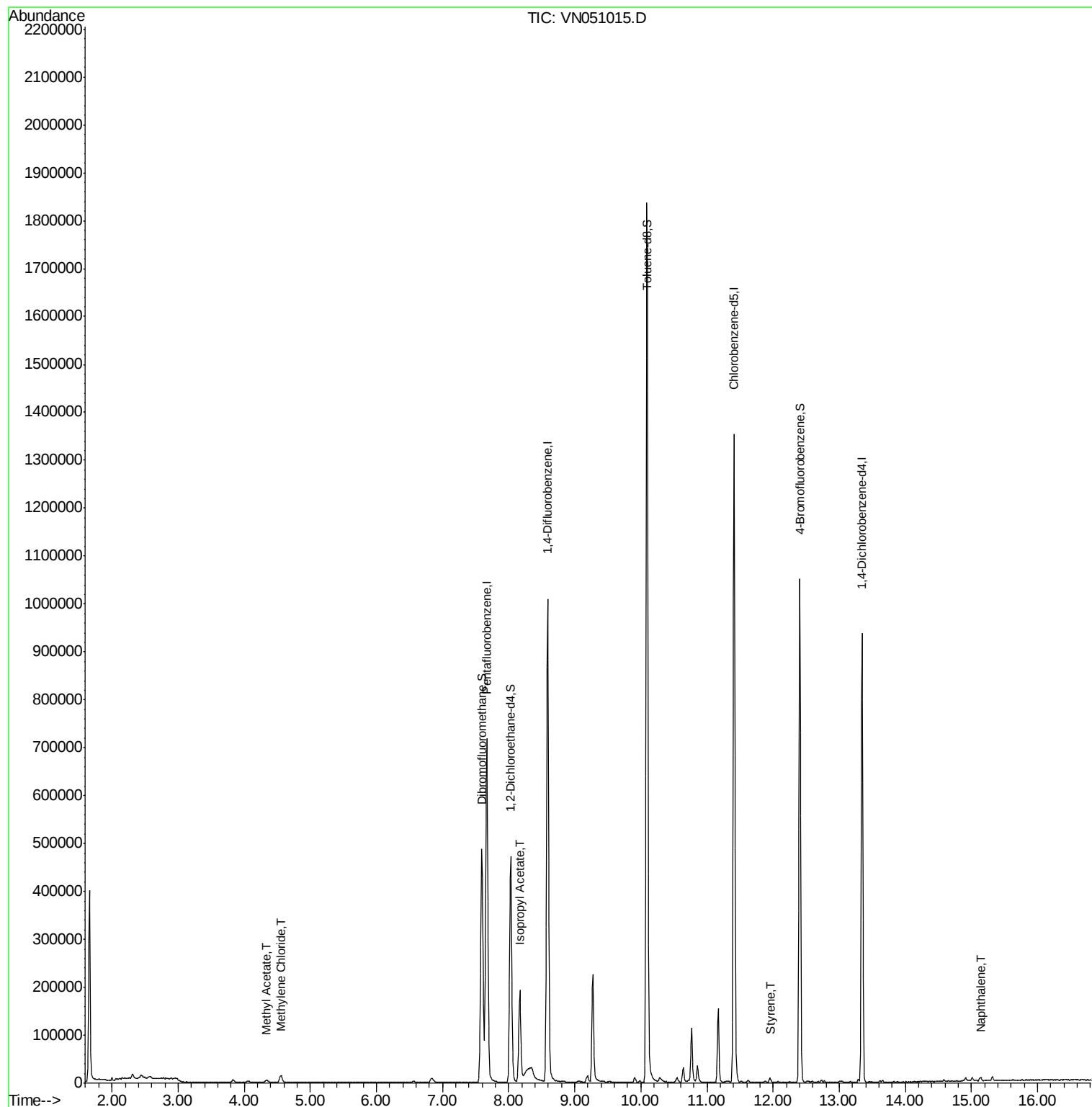
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	10525	1.47	ug/l	# 72
20) Methylene Chloride	4.56	84	11971	1.40	ug/l	93
43) Isopropyl Acetate	8.17	43	223696	19.61	ug/l	99
70) Styrene	11.97	104	1032	1.31	ug/l	89
95) Naphthalene	15.14	128	7419	6.00	ug/l	# 90

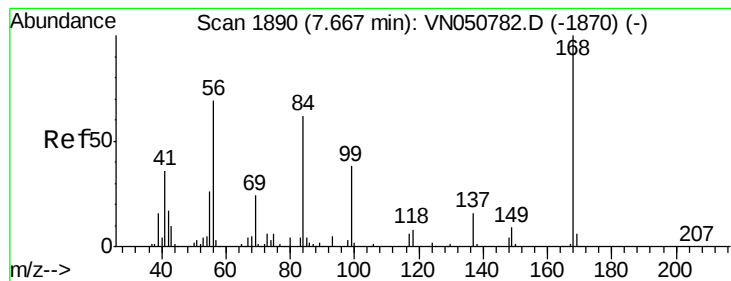
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
Data File : VN051015.D
Acq On : 4 Sep 2018 13:27
Operator : MD\SY
Sample : PB112553ZHE#01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#01

Quant Time: Sep 05 01:46:09 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN051015.D

Acq: 4 Sep 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

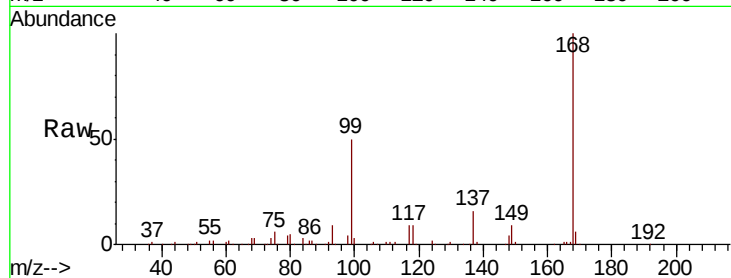
PB112553ZHE#01

Tot Ion:168 Resp: 628556

Ion Ratio Lower Upper

168 100

99 49.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

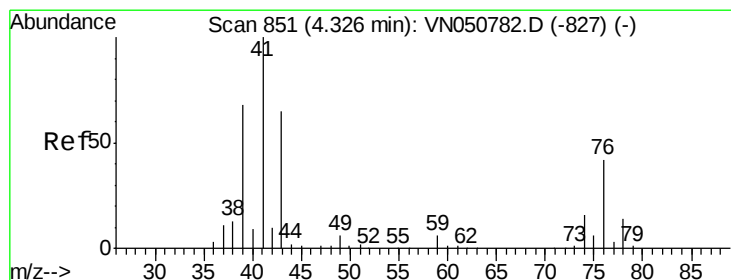
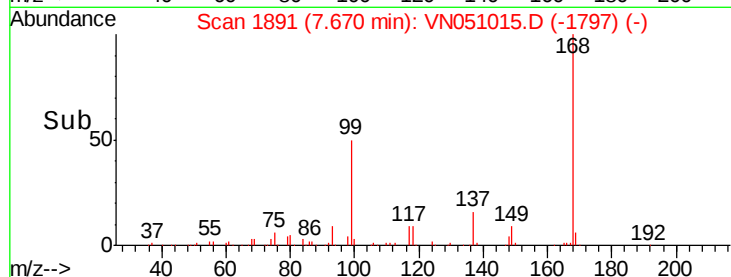
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.47 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN051015.D

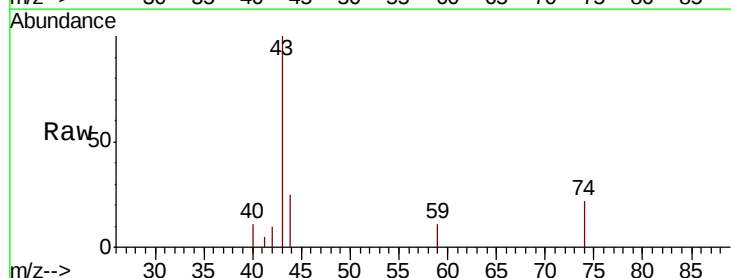
Acq: 4 Sep 2018 13:27

Tgt Ion: 43 Resp: 10525

Ion Ratio Lower Upper

43 100

74 10.8 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

4000

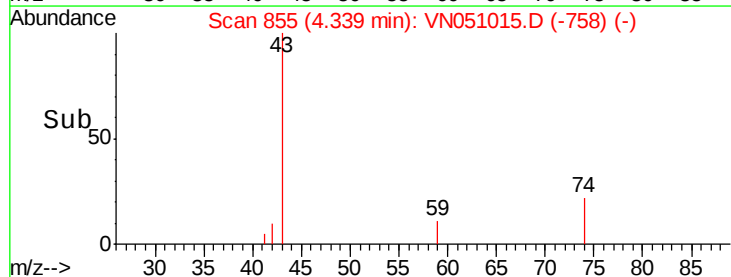
3000

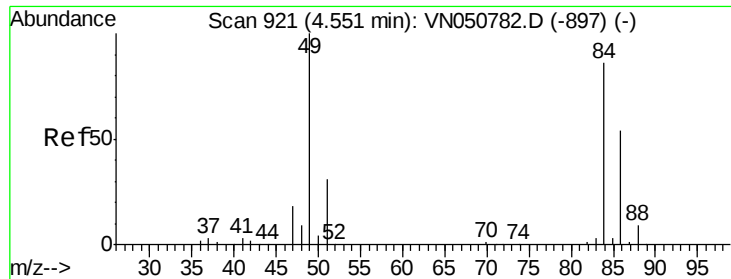
2000

1000

0

Time-->

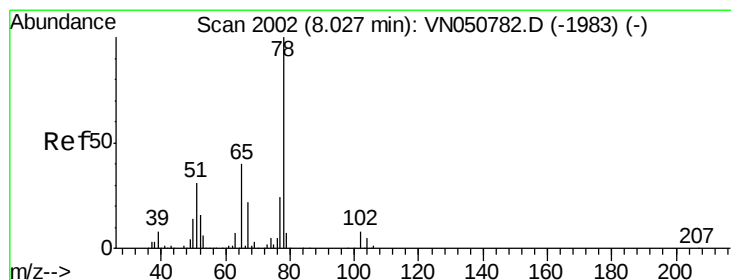
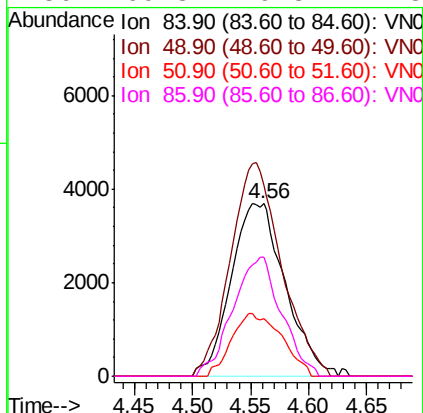
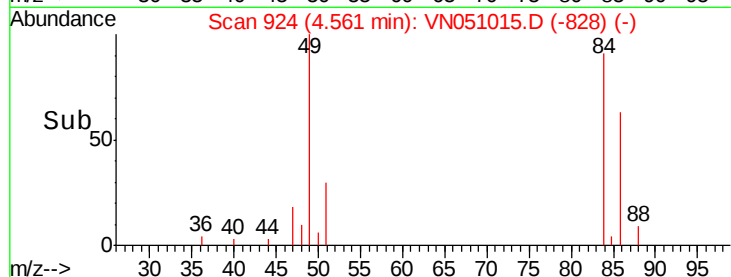
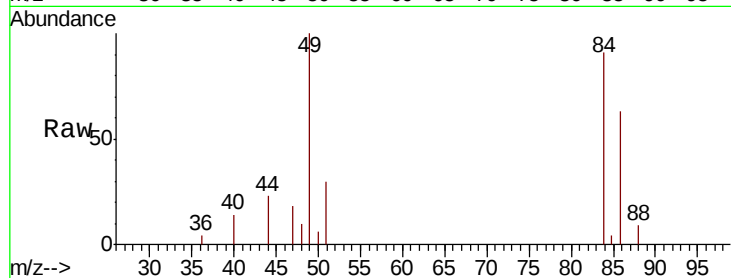




#20
Methvlene Chloride
Concen: 1.40 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN051015.D
Acq: 4 Sep 2018 13:27

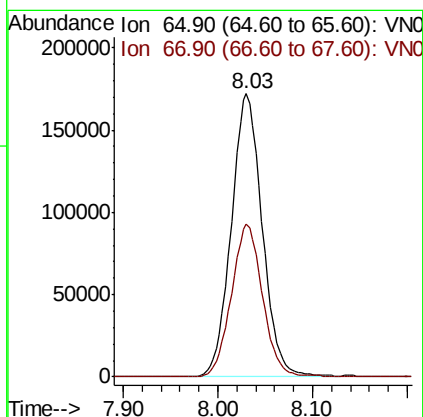
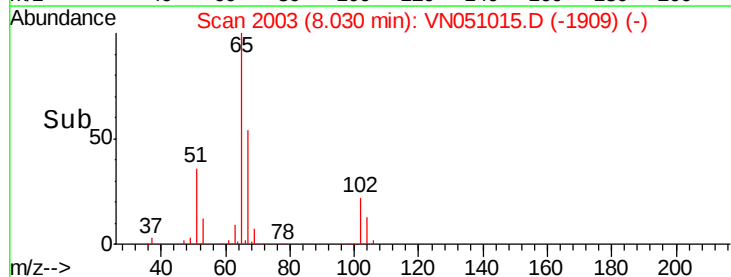
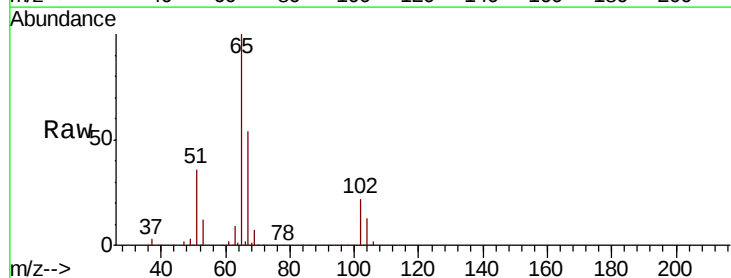
Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#01

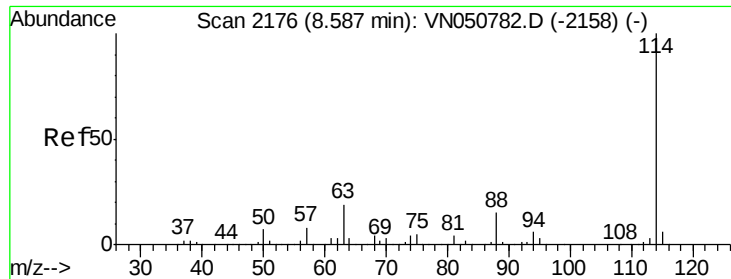
Tot Ion: 84 Resp: 11971
Ion Ratio Lower Upper
84 100
49 110.3 93.2 139.8
51 33.2 29.0 43.6
86 69.3 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 51.79 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN051015.D
Acq: 4 Sep 2018 13:27

Tgt Ion: 65 Resp: 391926
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.4

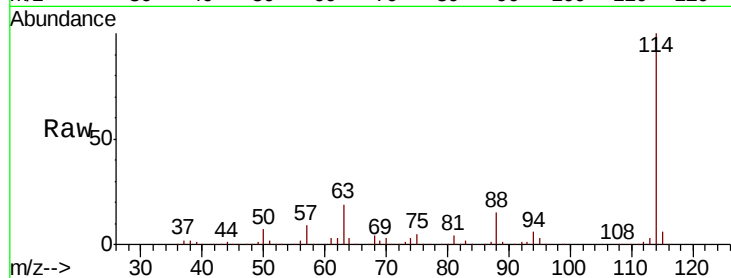




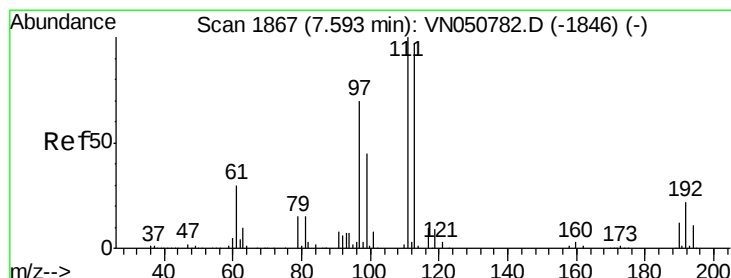
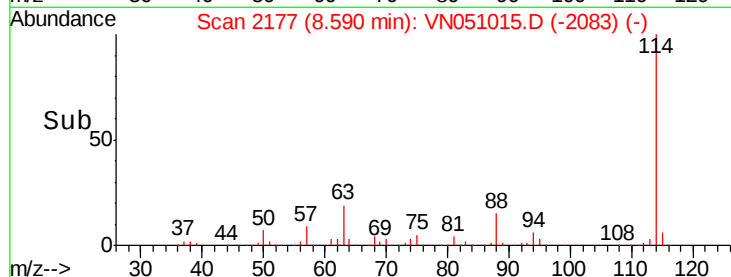
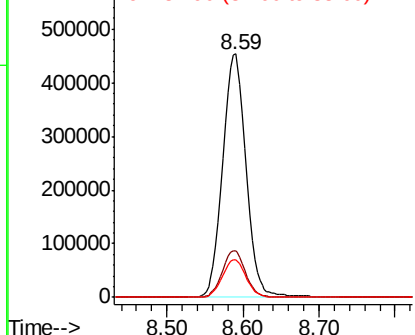
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN051015.D
 Acq: 4 Sep 2018 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#01

Tot Ion:114 Resp: 978879
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.5 0.0 30.6

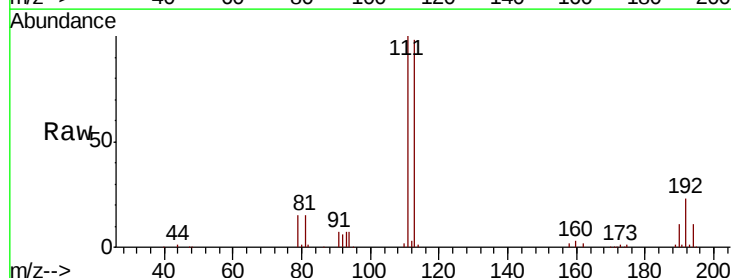


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

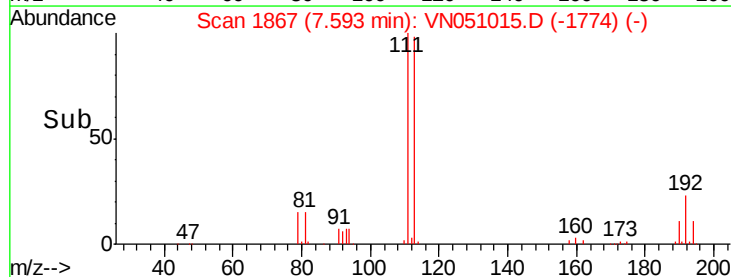
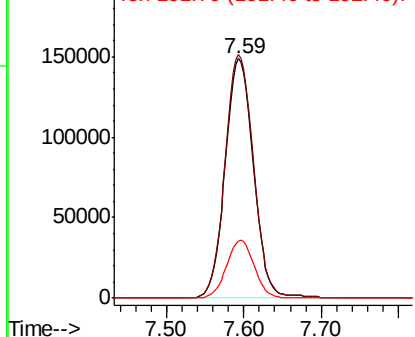


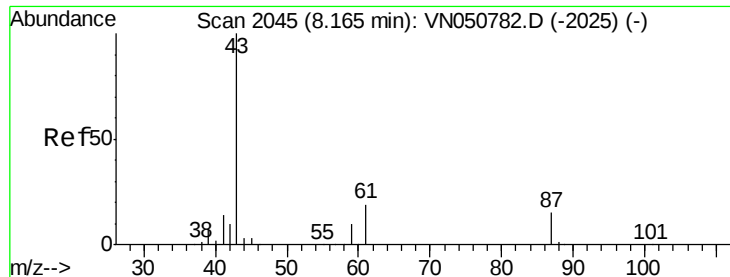
#35
 Dibromofluoromethane
 Concen: 48.48 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN051015.D
 Acq: 4 Sep 2018 13:27

Tgt Ion:113 Resp: 377546
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.6 123.8
 192 23.5 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: 19.61 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN051015.D

Acq: 4 Sep 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#01

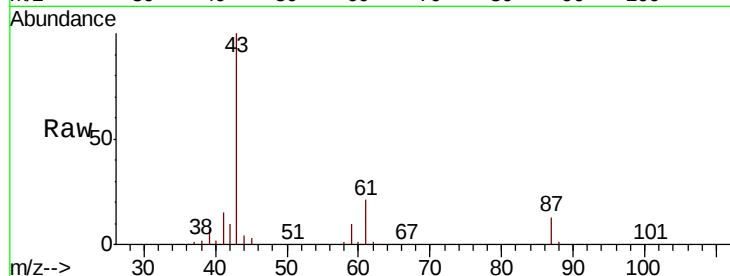
Tot Ion: 43 Resp: 223696

Ion Ratio Lower Upper

43 100

61 21.4 17.5 26.3

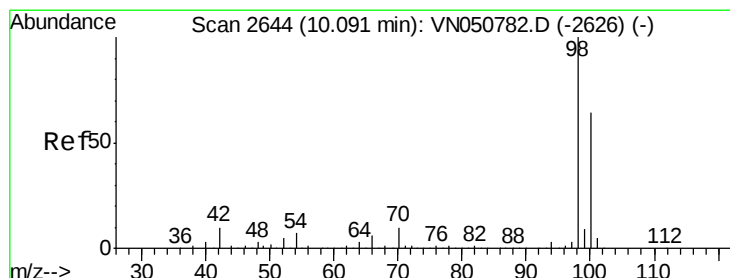
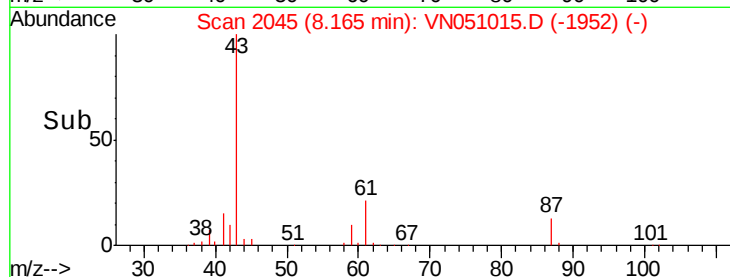
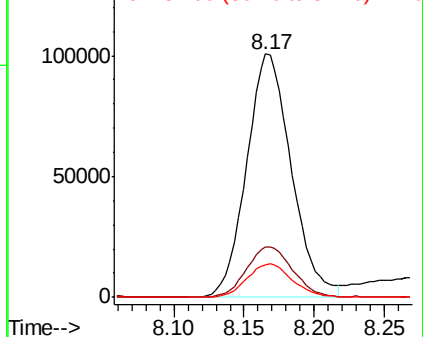
87 14.0 11.3 16.9



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: 46.67 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN051015.D

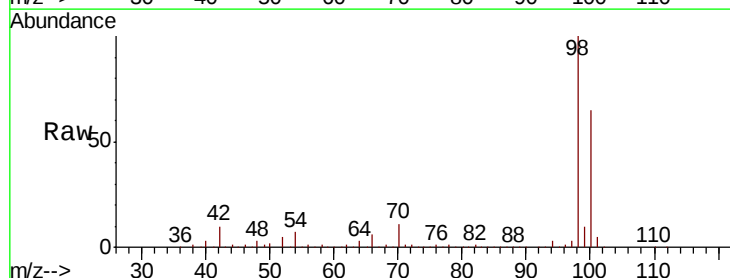
Acq: 4 Sep 2018 13:27

Tgt Ion: 98 Resp: 1358952

Ion Ratio Lower Upper

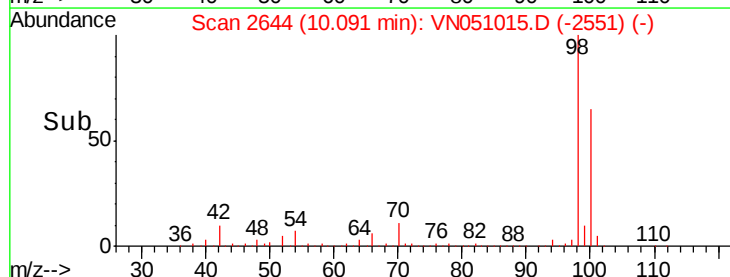
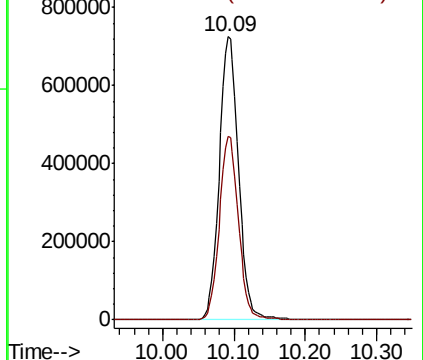
98 100

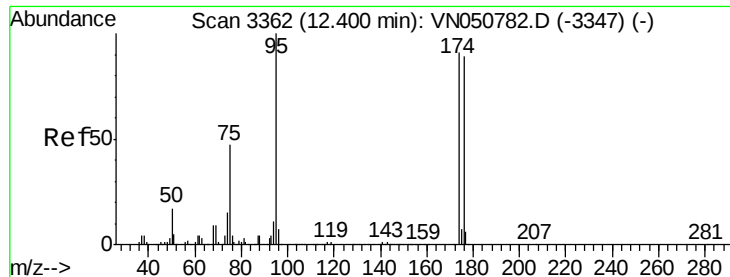
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN051015.D

Acq: 4 Sep 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#01

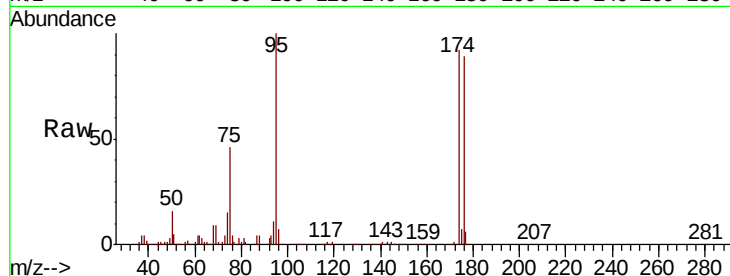
Tot Ion: 95 Resp: 364420

Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.0

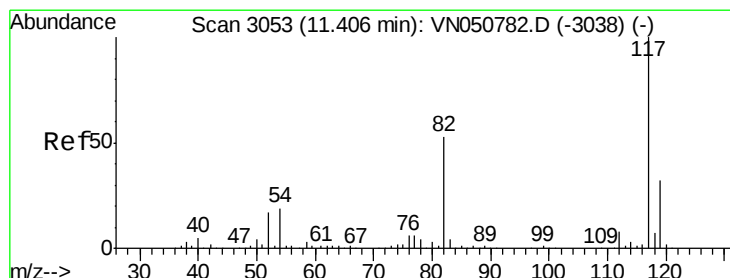
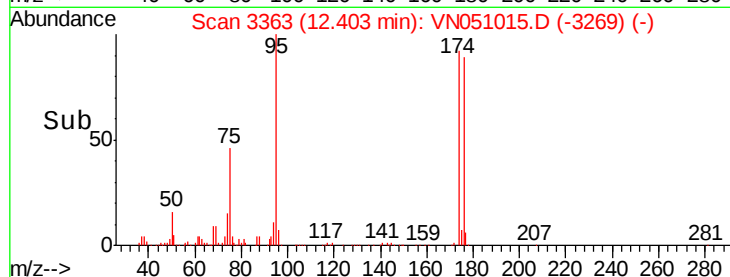
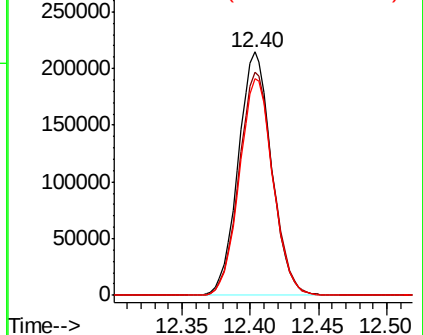
176 89.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN051015.D

Acq: 4 Sep 2018 13:27

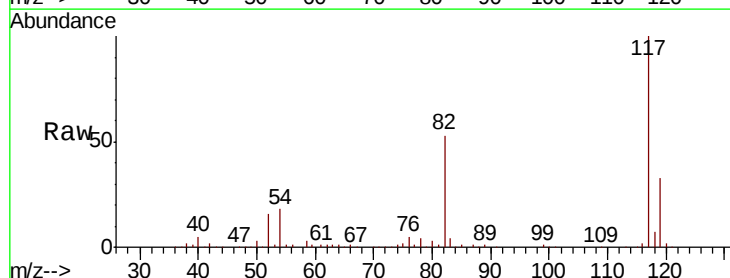
Tgt Ion: 117 Resp: 854828

Ion Ratio Lower Upper

117 100

82 53.4 42.6 64.0

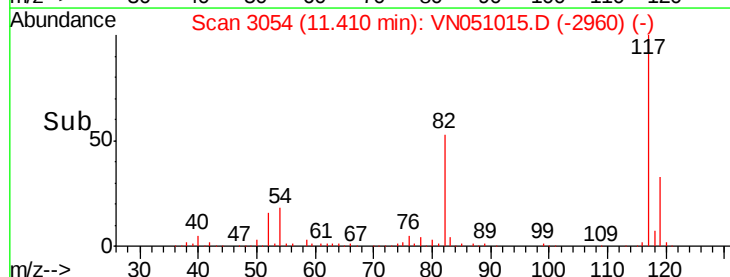
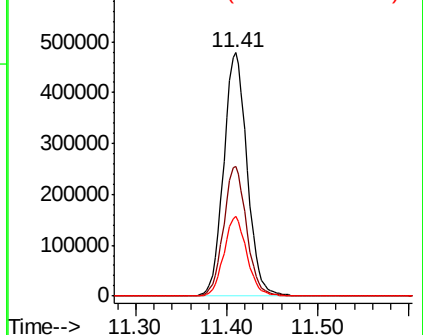
119 32.6 25.8 38.6

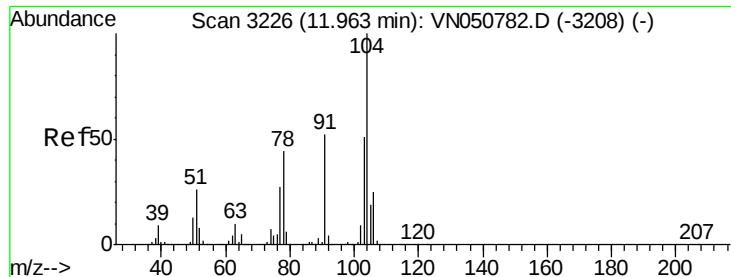


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#70

Stvrene

Concen: 1.31 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN051015.D

Acq: 4 Sep 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#01

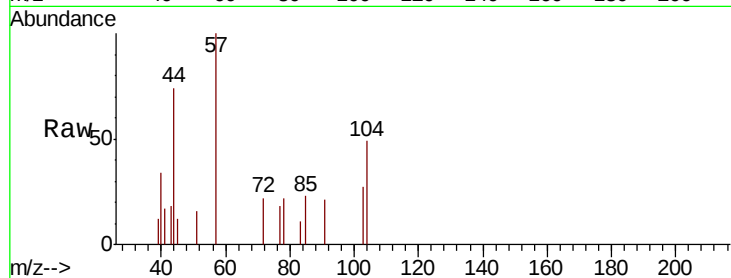
Tot Ion:104 Resp: 1032

Ion Ratio Lower Upper

104 100

78 52.2 38.2 57.4

103 66.4 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

11.97

800

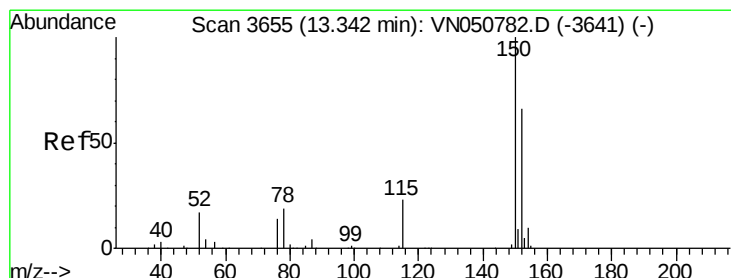
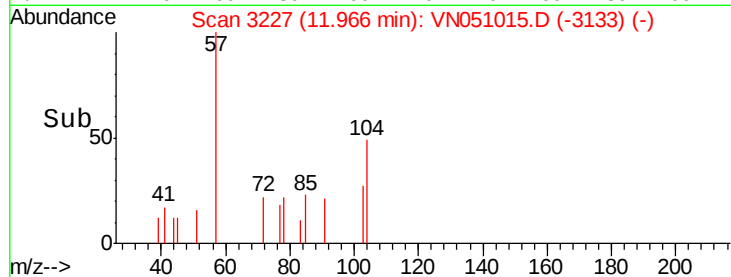
600

400

200

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN051015.D

Acq: 4 Sep 2018 13:27

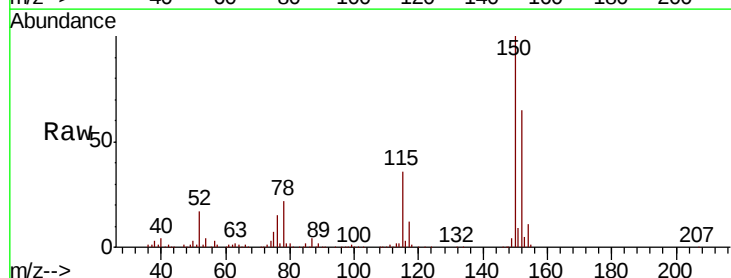
Tgt Ion:152 Resp: 273936

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

150 155.6 0.0 351.4



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

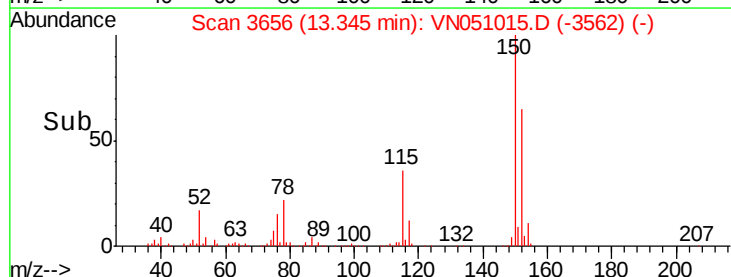
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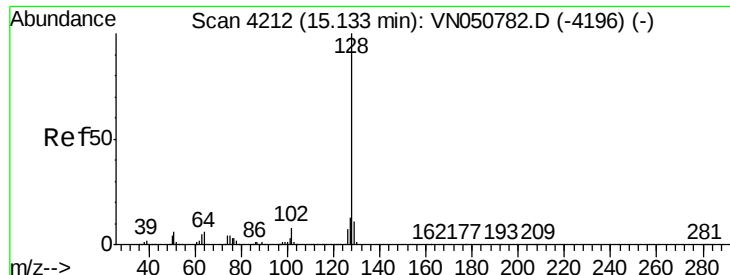
200000

100000

0

Time-->

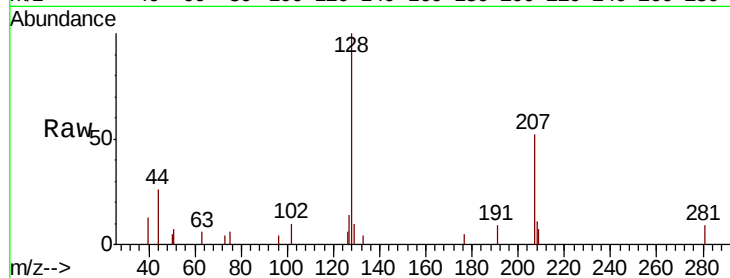




#95
Naphthalene
Concen: 6.00 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN051015.D
Acq: 4 Sep 2018 13:27

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#01

Tot Ion	Ratio	Lower	Upper
128	100		
127	7.5	10.5	15.7#
129	8.7	8.7	13.1#



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

