

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051558.D
 Acq On : 27 Sep 2018 00:55
 Operator : MD\SY
 Sample : J5070-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-RBR-200028

Quant Time: Sep 27 08:51:50 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

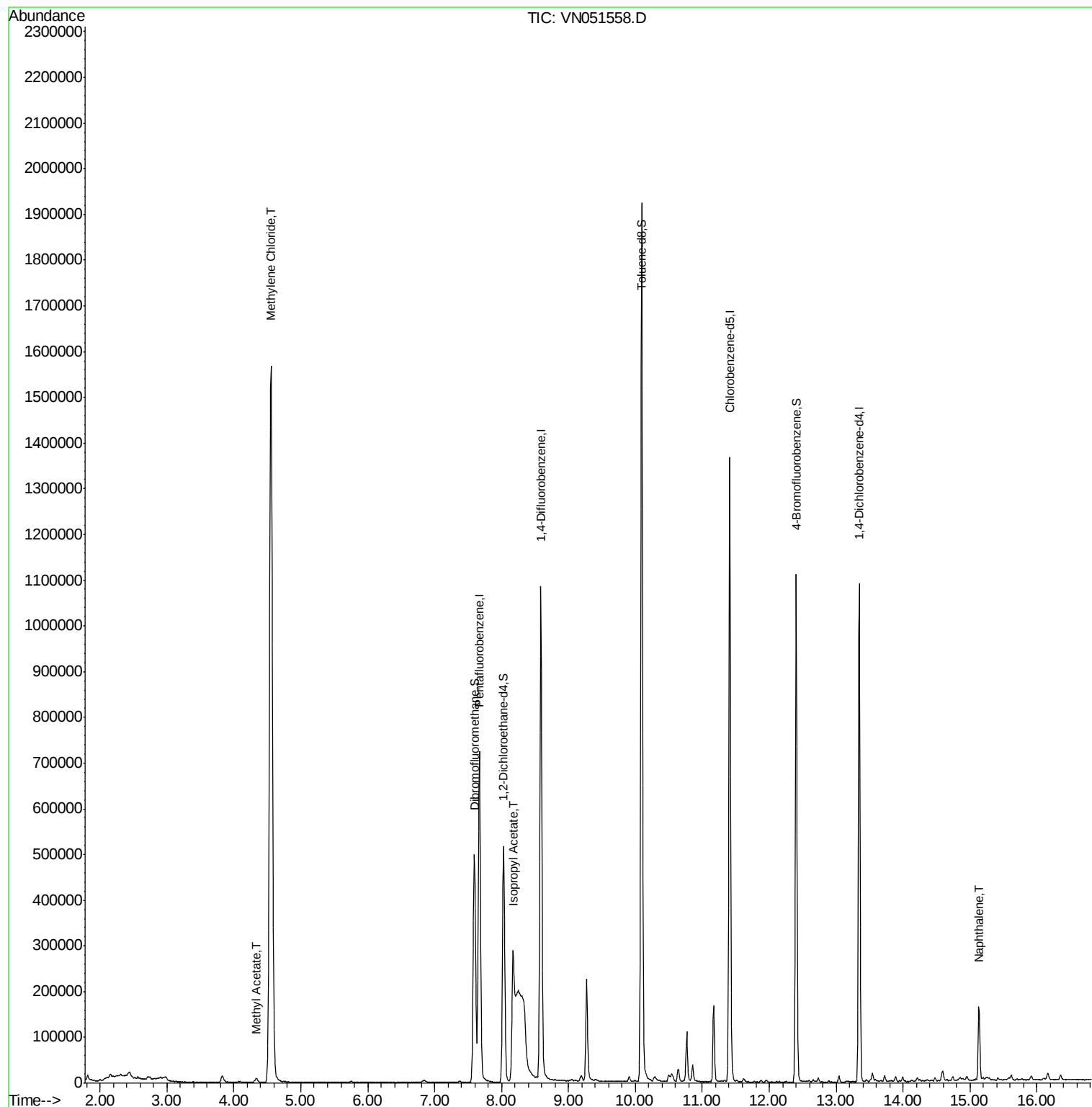
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	599677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	987381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	820798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444239	59.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.28%	
35) Dibromofluoromethane	7.59	113	381216	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	10.09	98	1375803	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
62) 4-Bromofluorobenzene	12.40	95	364098	37.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.70%	
Target Compounds						
18) Methyl Acetate	4.34	43	18521	3.237	ug/l	91
20) Methylene Chloride	4.55	84	1176418	158.259	ug/l	98
43) Isopropyl Acetate	8.17	43	406563	34.200	ug/l #	85
95) Naphthalene	15.14	128	139999	18.349	ug/l	99

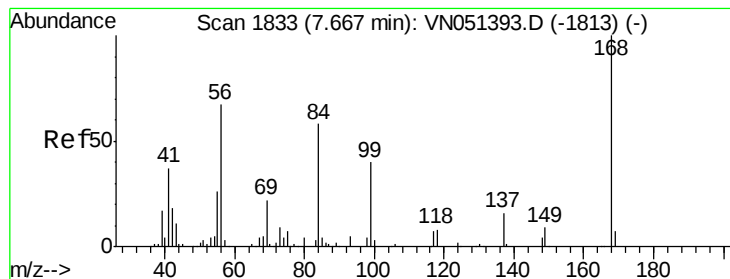
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051558.D

Acq: 27 Sep 2018 00:55

Instrument :

MSVOA_N

ClientSampleId :

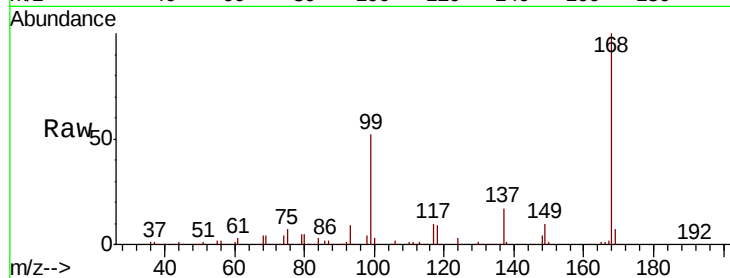
CS-RBR-200028

Tot Ion:168 Resp: 599677

Ion Ratio Lower Upper

168 100

99 51.9 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

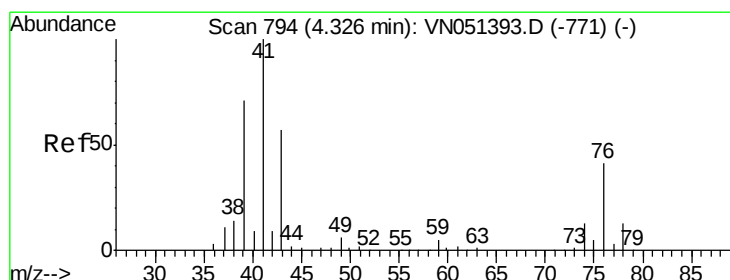
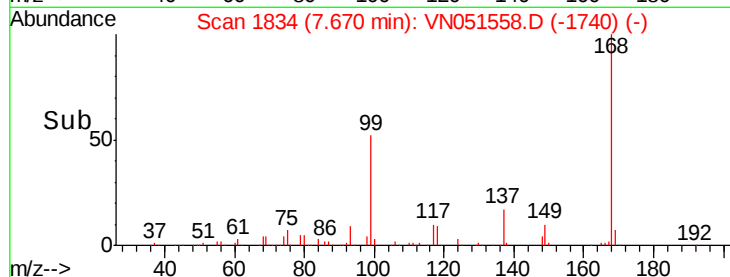
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 3.237 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051558.D

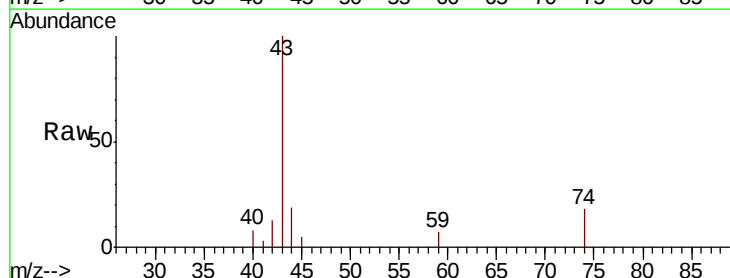
Acq: 27 Sep 2018 00:55

Tgt Ion: 43 Resp: 18521

Ion Ratio Lower Upper

43 100

74 19.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

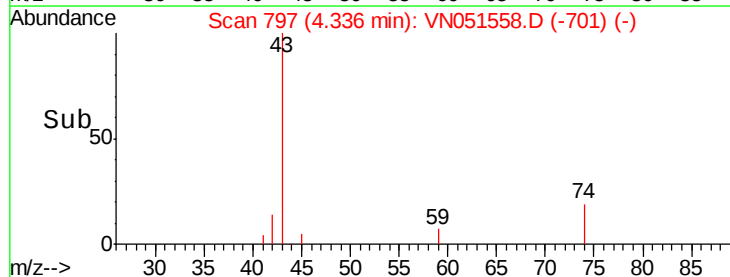
6000

4000

2000

0

Time-->



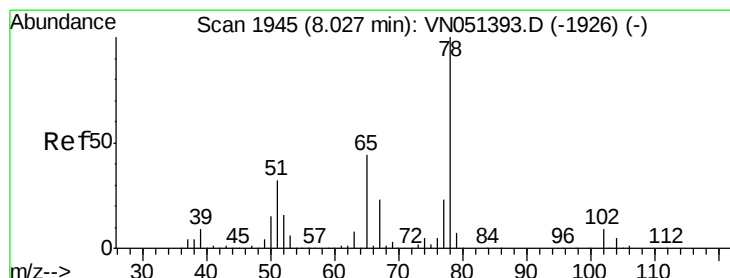
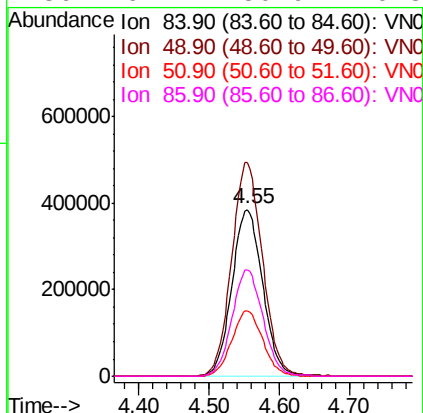
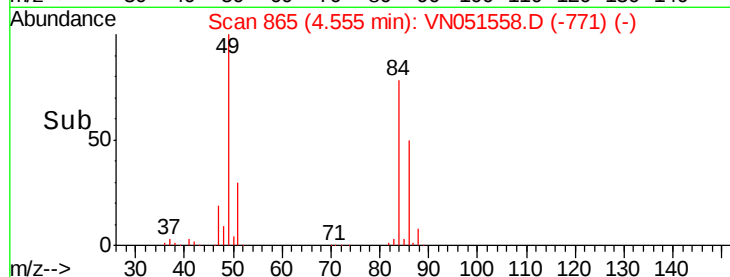
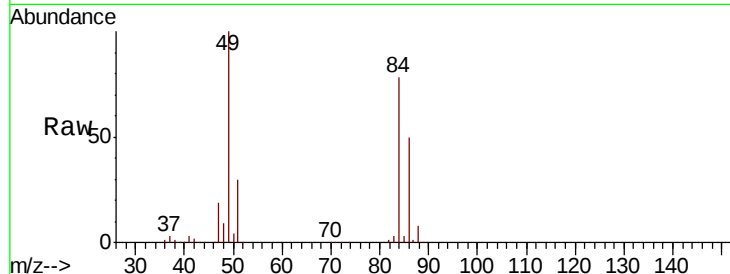


#20
Methylene Chloride
Concen: 158.259 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051558.D
Acq: 27 Sep 2018 00:55

Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200028

Tot Ion: 84 Resp: 1176418

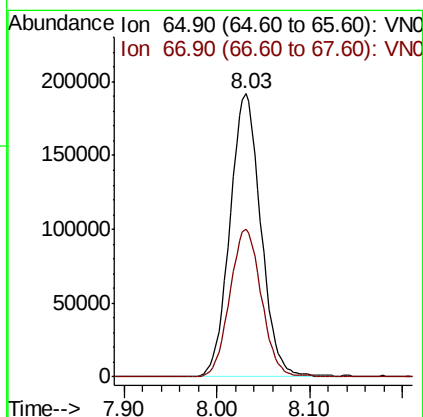
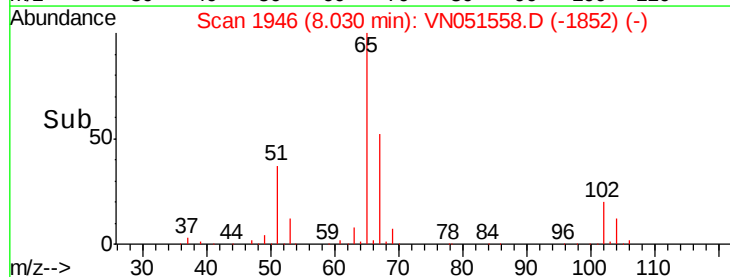
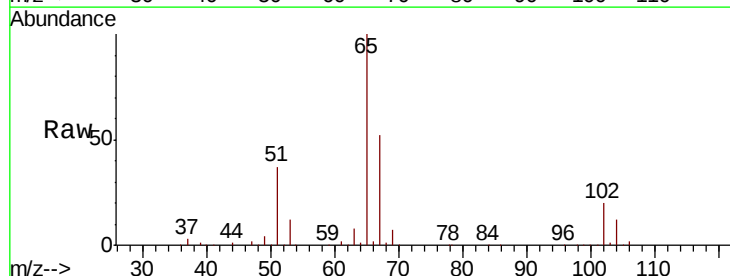
Ion	Ratio	Lower	Upper
84	100		
49	128.3	99.9	149.9
51	39.0	31.4	47.2
86	64.1	50.9	76.3

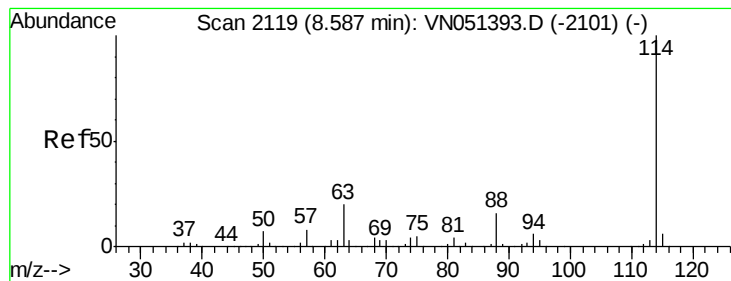


#33
1,2-Dichloroethane-d4
Concen: 59.137 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051558.D
Acq: 27 Sep 2018 00:55

Tgt Ion: 65 Resp: 444239

Ion	Ratio	Lower	Upper
65	100		
67	53.5	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: VN051558.D

Acq: 27 Sep 2018 00:55

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200028

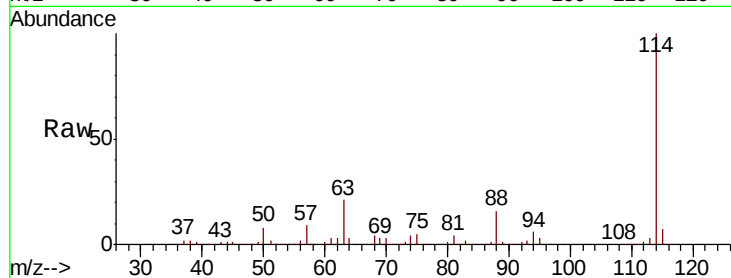
Tot Ion:114 Resp: 987381

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

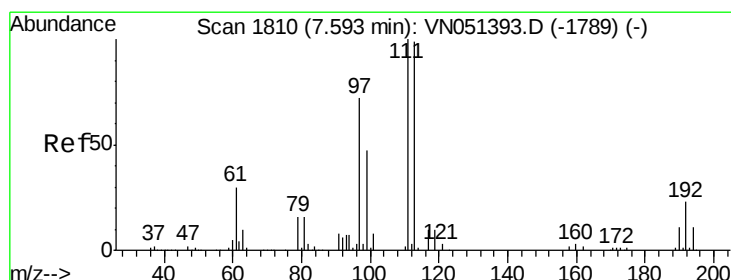
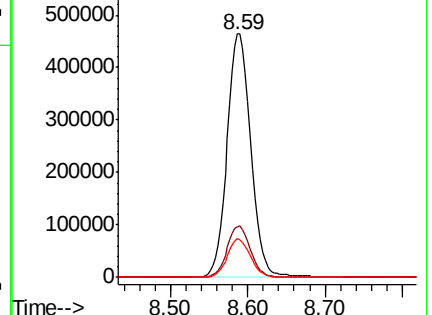
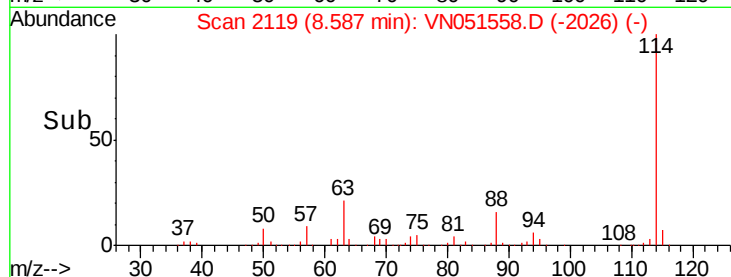
88 15.7 0.0 31.4



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: 48.282 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051558.D

Acq: 27 Sep 2018 00:55

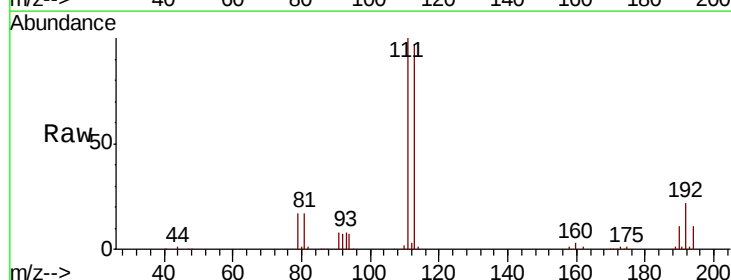
Tgt Ion:113 Resp: 381216

Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

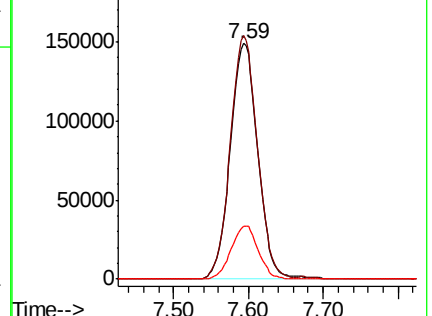
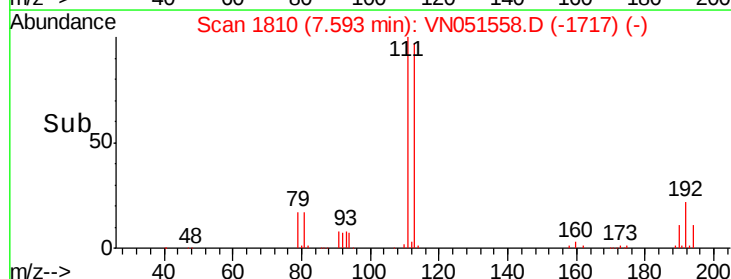
192 22.2 18.0 27.0

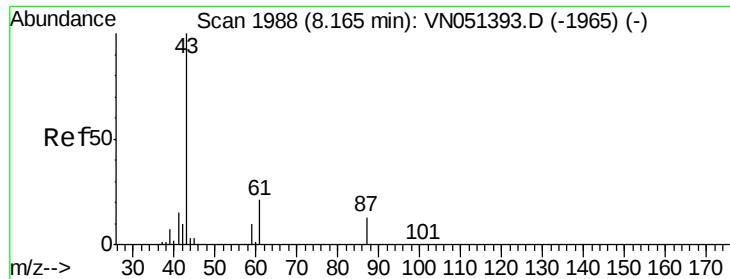


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 34.200 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051558.D

Acq: 27 Sep 2018 00:55

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200028

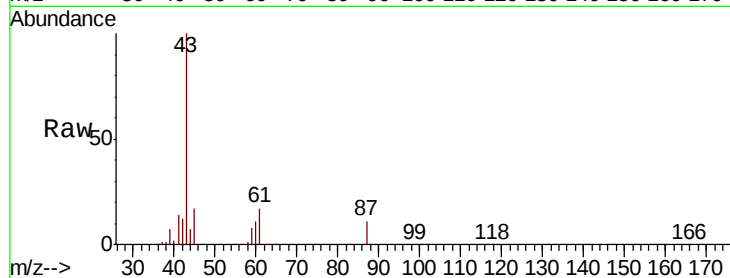
Tot Ion: 43 Resp: 406563

Ion Ratio Lower Upper

43 100

61 13.6 16.8 25.2#

87 8.1 10.7 16.1#

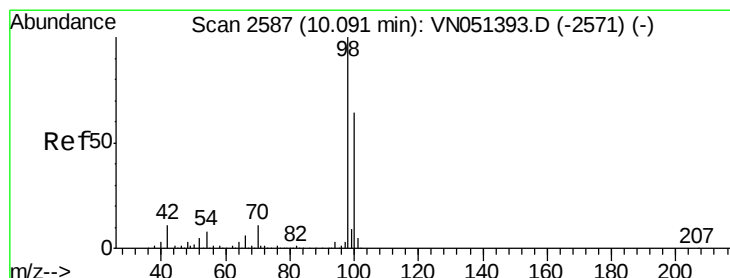
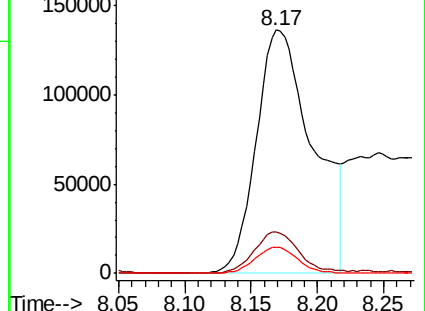
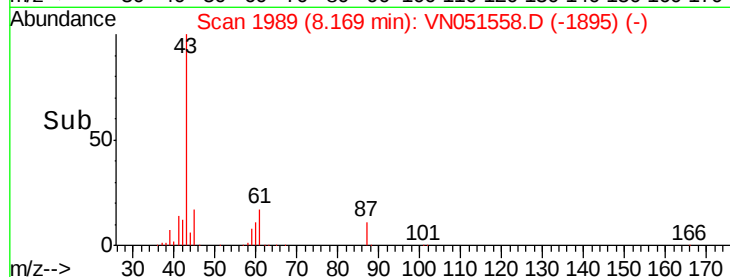


Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

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: 46.273 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051558.D

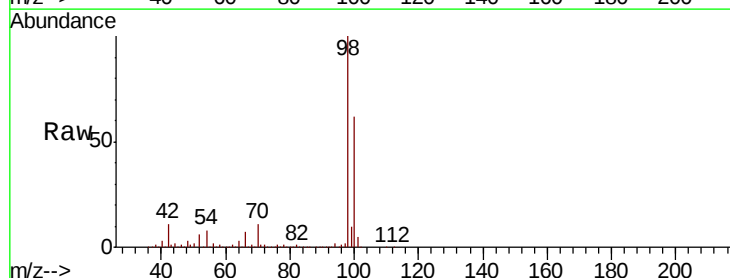
Acq: 27 Sep 2018 00:55

Tgt Ion: 98 Resp: 1375803

Ion Ratio Lower Upper

98 100

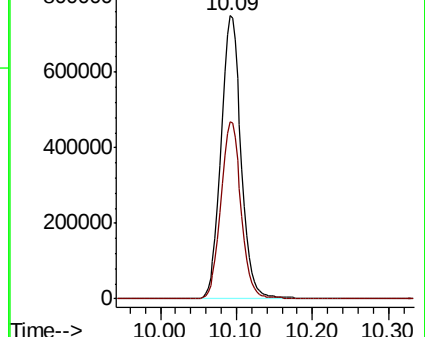
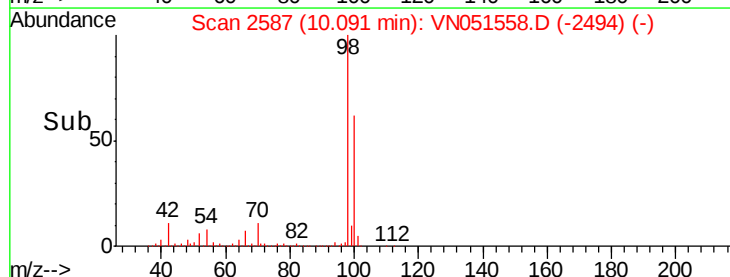
100 62.9 50.6 75.8



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

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

Time-->

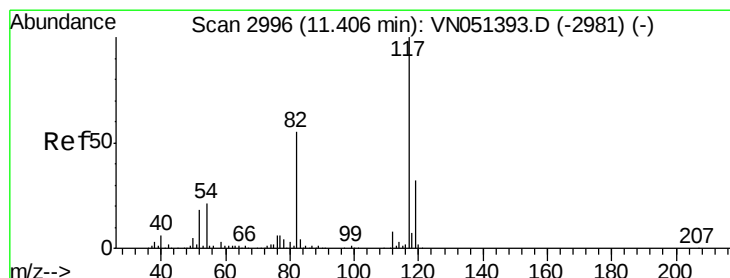
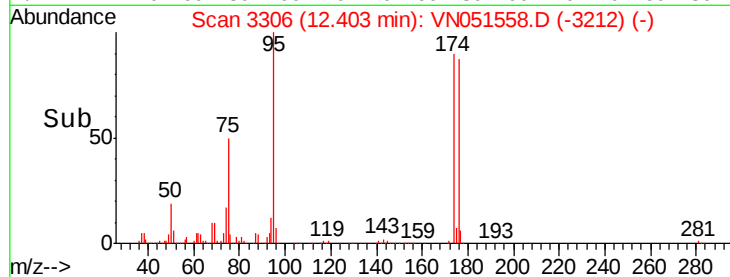
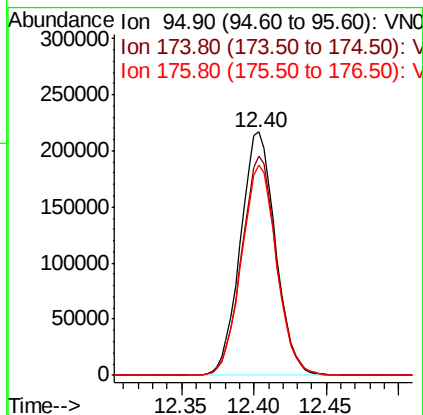
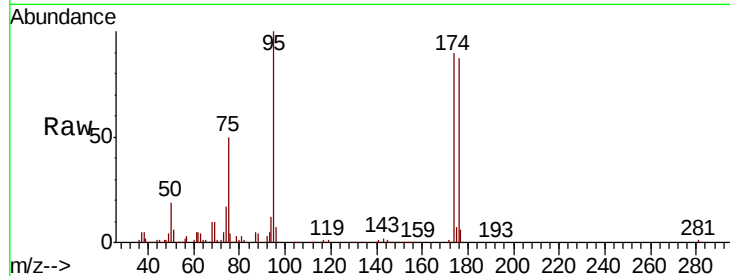




#62
4-Bromofluorobenzene
Concen: 37.855 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051558.D
Acq: 27 Sep 2018 00:55

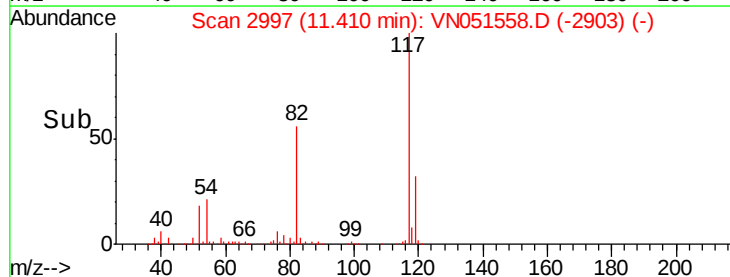
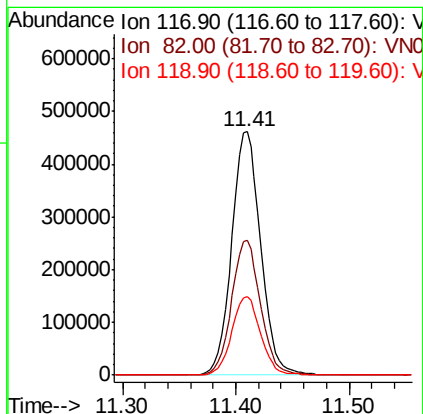
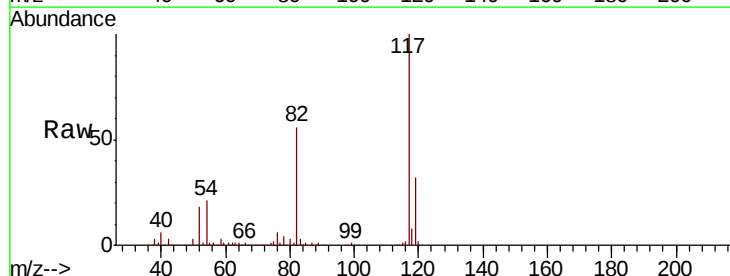
Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200028

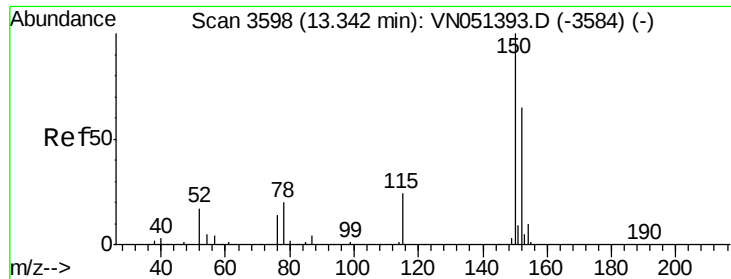
Tot Ion: 95 Resp: 364098
Ion Ratio Lower Upper
95 100
174 90.1 0.0 181.6
176 86.8 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051558.D
Acq: 27 Sep 2018 00:55

Tgt Ion: 117 Resp: 820798
Ion Ratio Lower Upper
117 100
82 55.6 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: VN051558.D

Acq: 27 Sep 2018 00:55

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200028

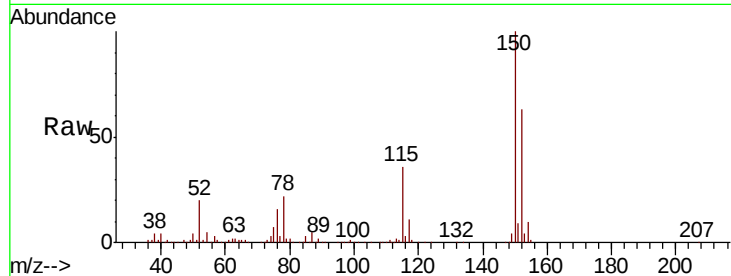
Tot Ion:152 Resp: 306602

Ion Ratio Lower Upper

152 100

115 56.9 28.3 84.9

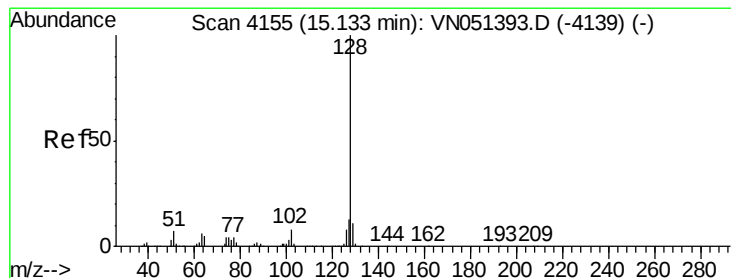
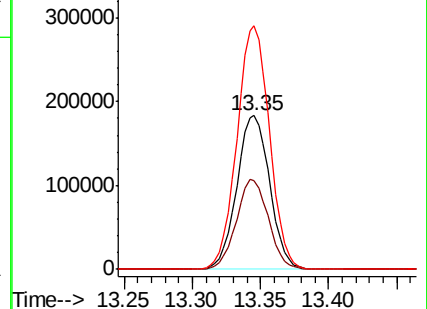
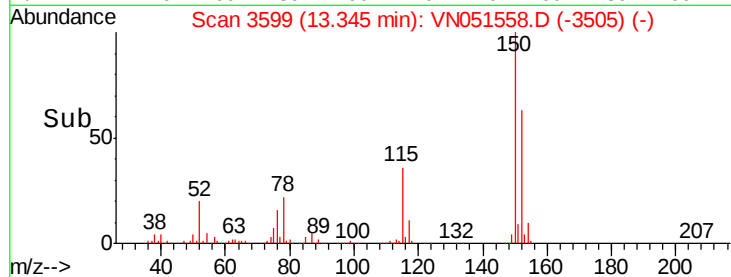
150 156.4 0.0 353.6



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: 18.349 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051558.D

Acq: 27 Sep 2018 00:55

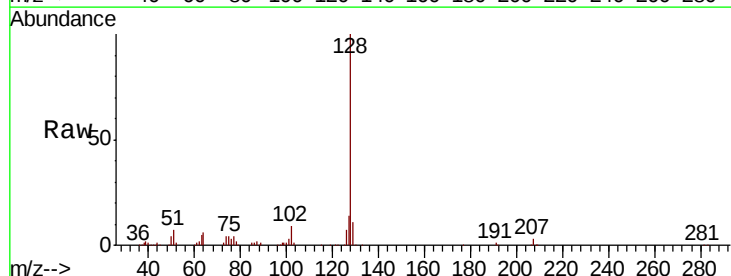
Tgt Ion:128 Resp: 139999

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 10.9 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

