

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052682.D
 Acq On : 5 Dec 2018 17:47
 Operator : MD\SY
 Sample : J6202-02RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-1RE

Quant Time: Dec 06 05:54:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

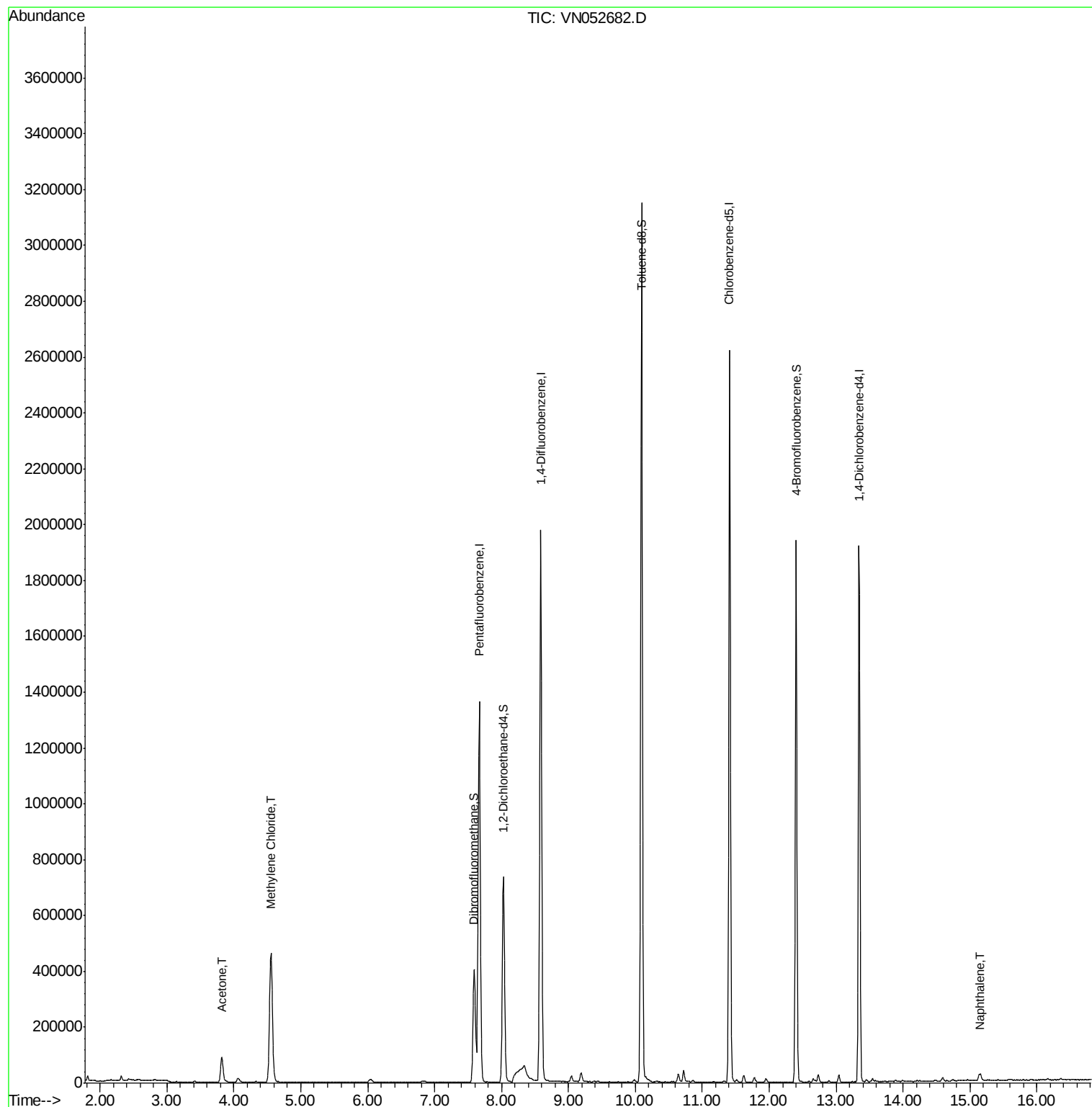
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1189893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1832776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1568092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	548507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	626721	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	7.59	113	319454	28.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.54%	
50) Toluene-d8	10.09	98	2227538	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	659909	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
16) Acetone	3.82	43	161492	47.258	ug/l	99
20) Methylene Chloride	4.55	84	364363	27.247	ug/l	98
95) Naphthalene	15.14	128	17193	4.204	ug/l	99

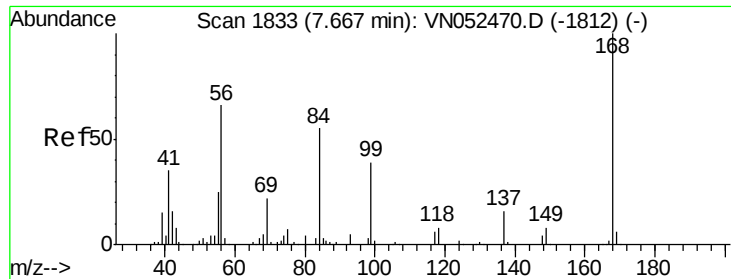
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052682.D

Acq: 5 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

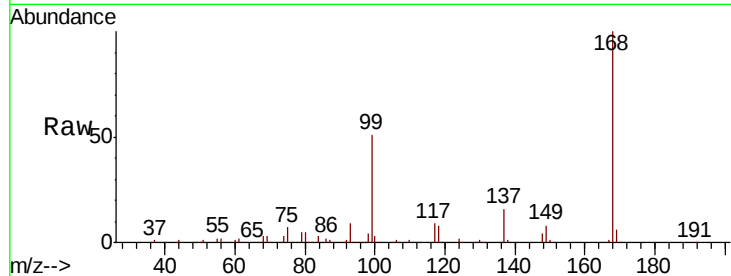
SAMPLE-1RE

Tot Ion:168 Resp: 1189893

Ion Ratio Lower Upper

168 100

99 50.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

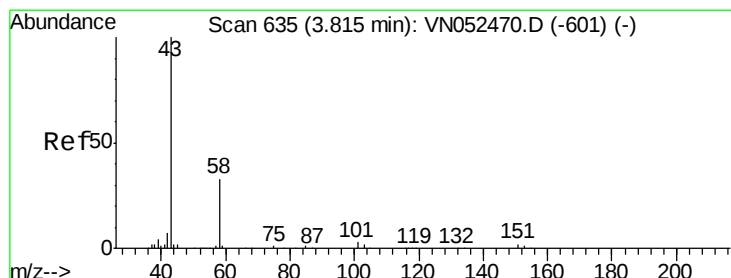
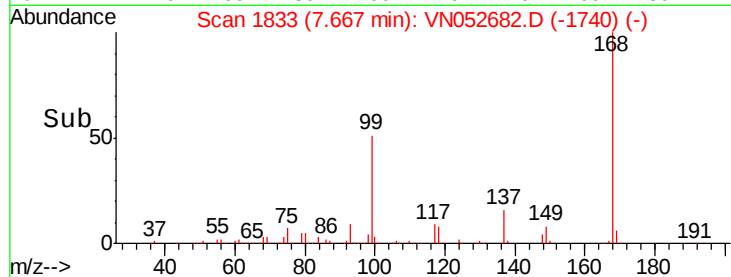
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 47.258 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052682.D

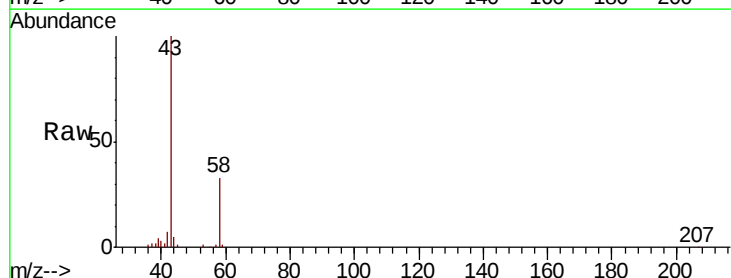
Acq: 5 Dec 2018 17:47

Tgt Ion: 43 Resp: 161492

Ion Ratio Lower Upper

43 100

58 33.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

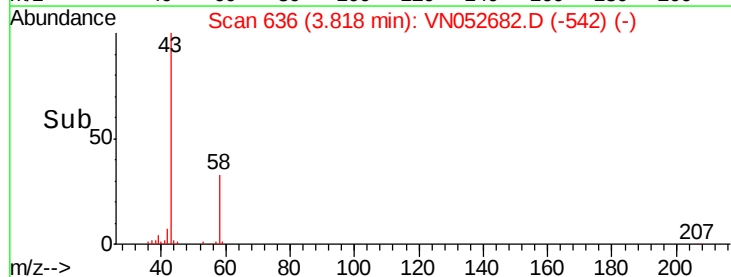
60000

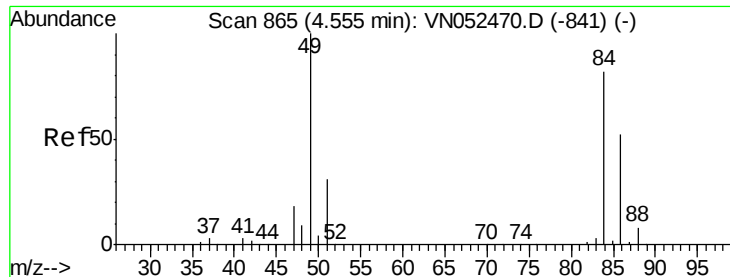
40000

20000

0

Time-->

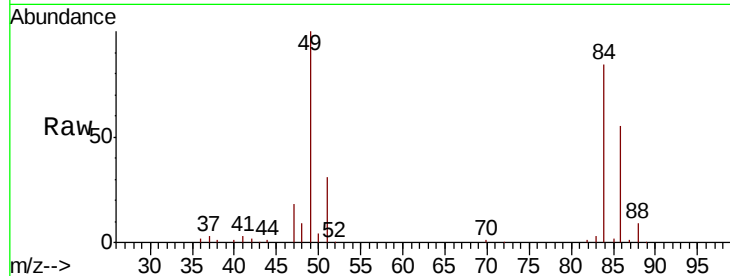




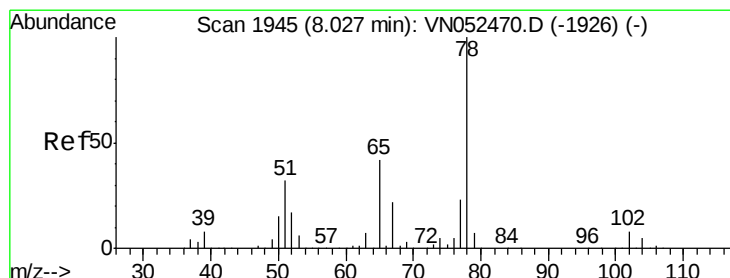
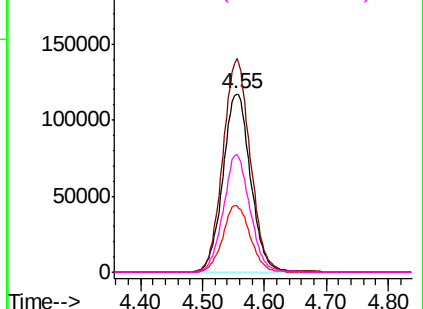
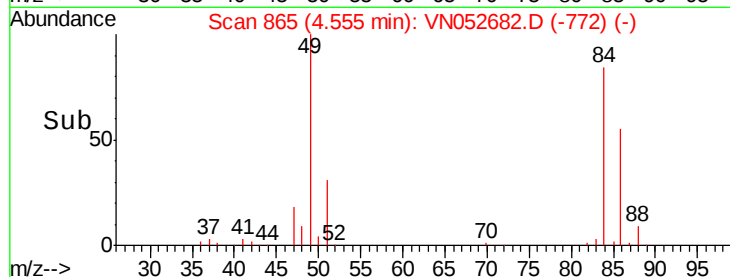
#20
Methylene Chloride
Concen: 27.247 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052682.D
Acq: 5 Dec 2018 17:47

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-1RE

Tot Ion: 84 Resp: 364363
Ion Ratio Lower Upper
84 100
49 119.6 98.0 147.0
51 37.1 30.1 45.1
86 65.9 50.7 76.1

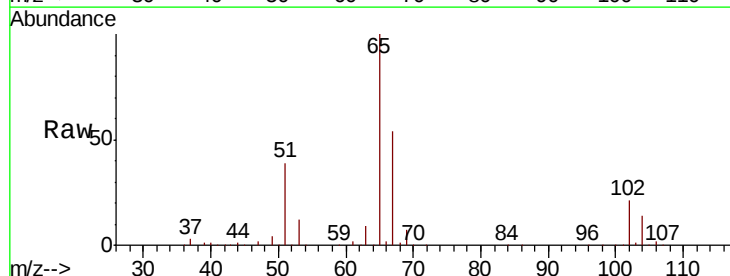


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

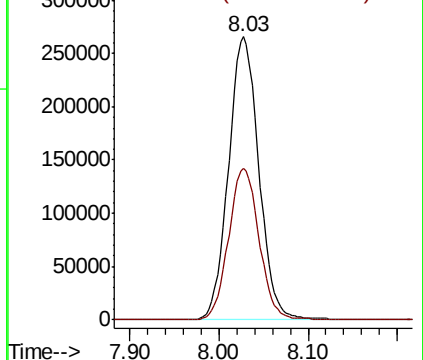
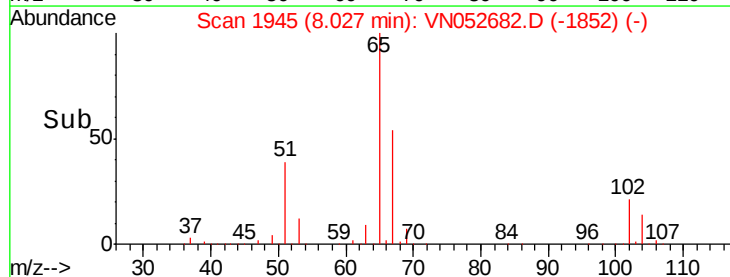


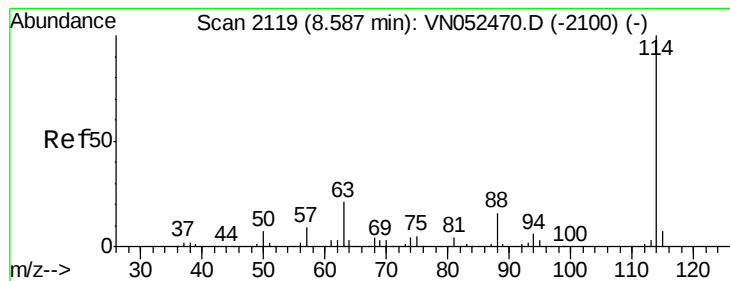
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052682.D
Acq: 5 Dec 2018 17:47

Tgt Ion: 65 Resp: 626721
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052682.D

Acq: 5 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-1RE

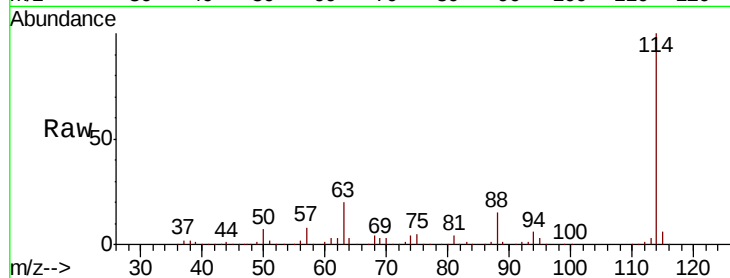
Tot Ion:114 Resp: 1832776

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.8

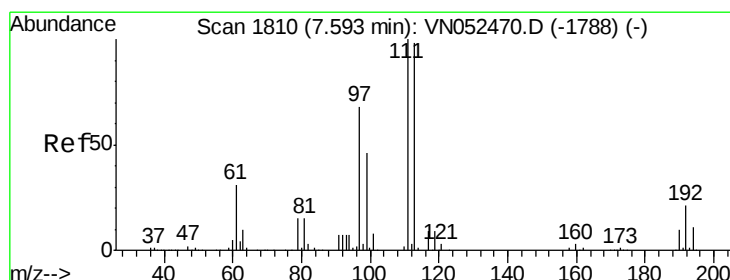
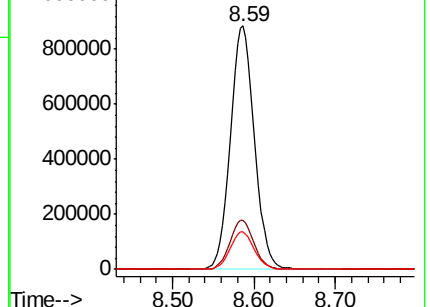
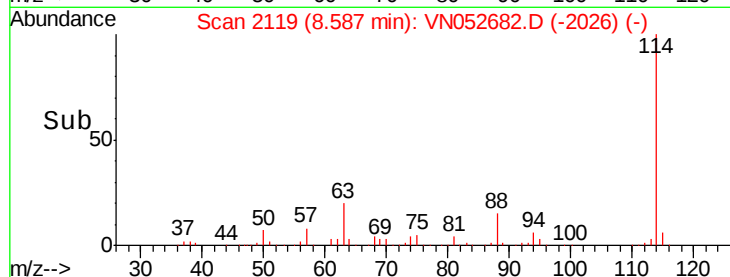
88 15.4 0.0 31.6



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052682.D

Acq: 5 Dec 2018 17:47

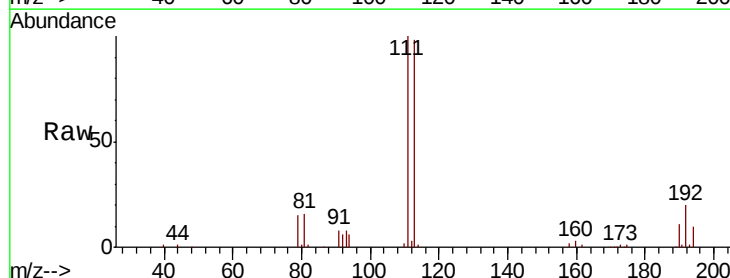
Tgt Ion:113 Resp: 319454

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

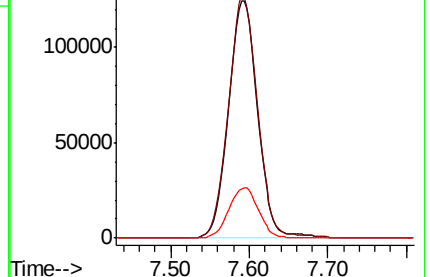
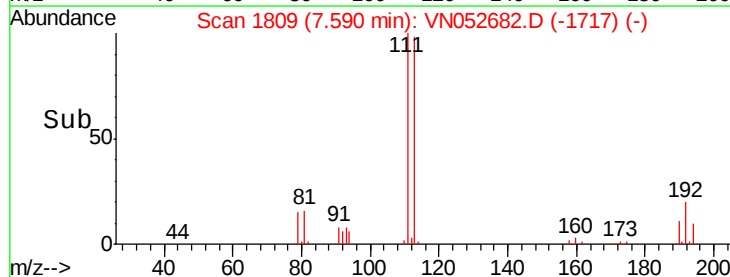
192 21.7 17.0 25.6

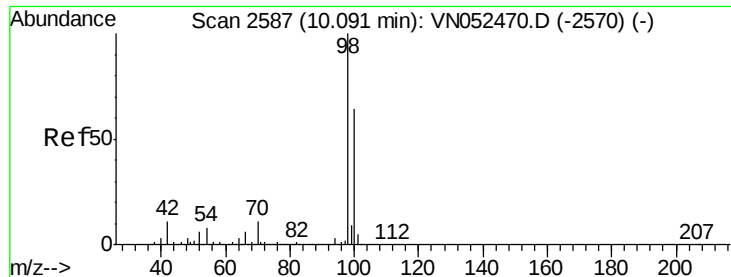


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052682.D

Acq: 5 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

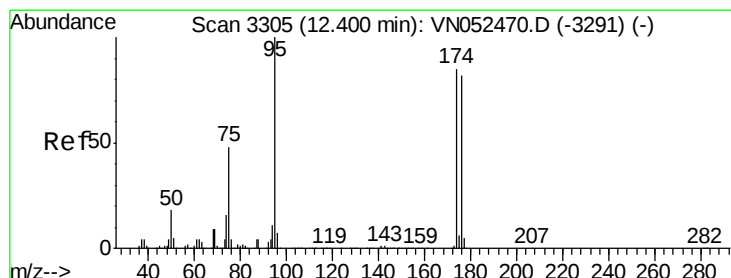
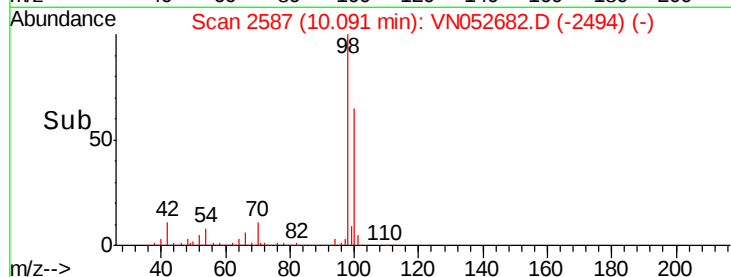
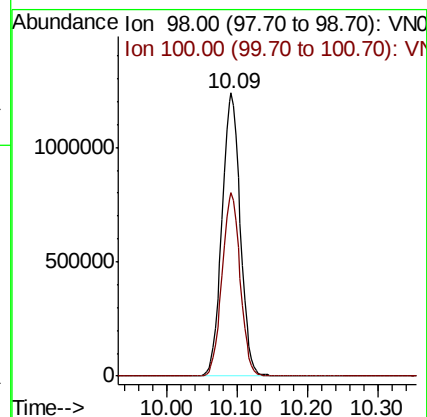
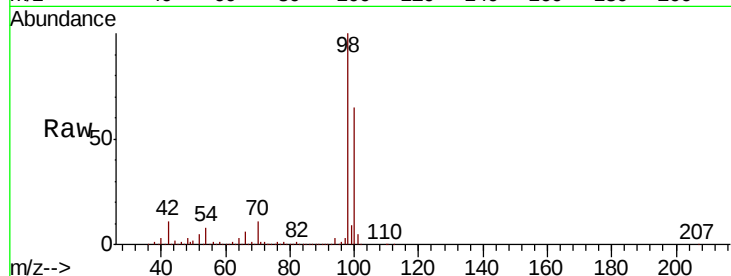
SAMPLE-1RE

Tot Ion: 98 Resp: 2227538

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052682.D

Acq: 5 Dec 2018 17:47

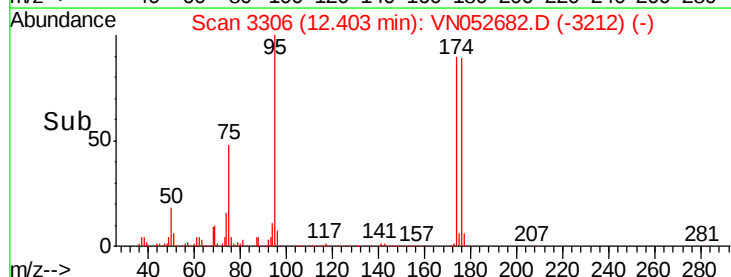
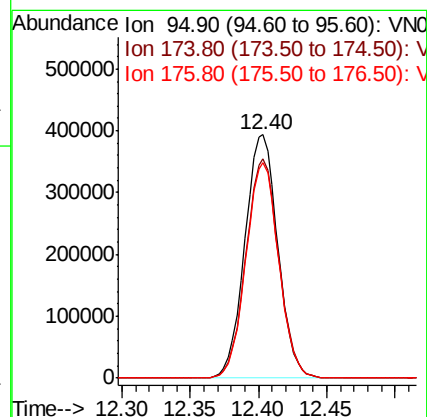
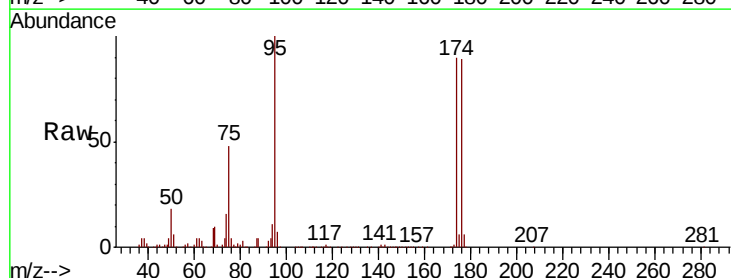
Tgt Ion: 95 Resp: 659909

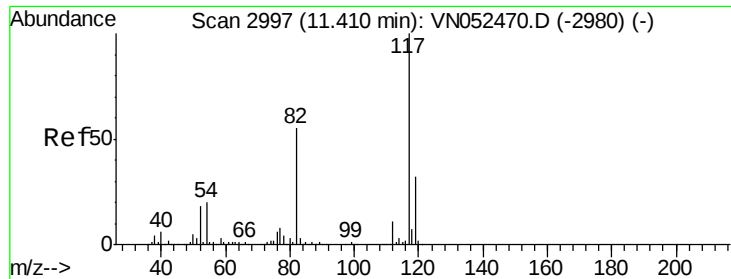
Ion Ratio Lower Upper

95 100

174 89.7 0.0 173.0

176 88.0 0.0 166.2

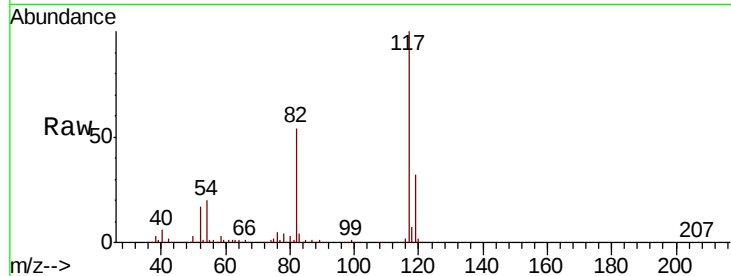




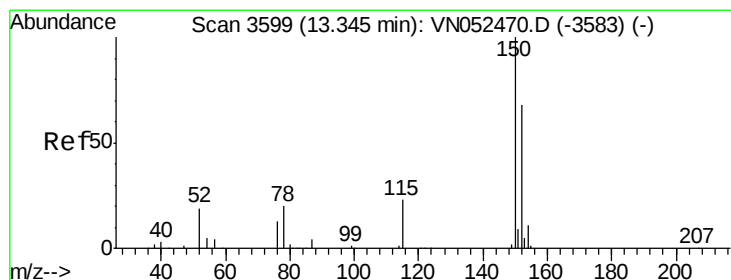
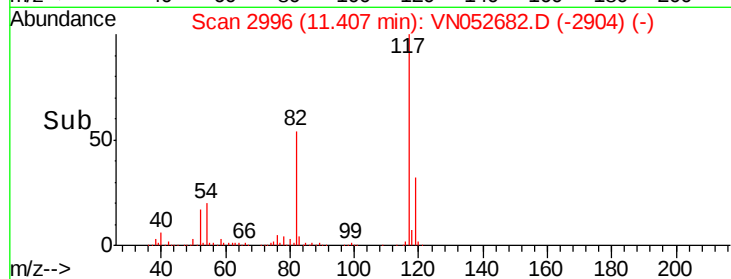
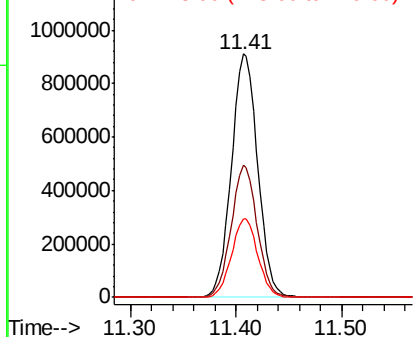
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052682.D
Acq: 5 Dec 2018 17:47

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-1RE

Tot Ion:117 Resp: 1568092
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 32.2 25.4 38.2

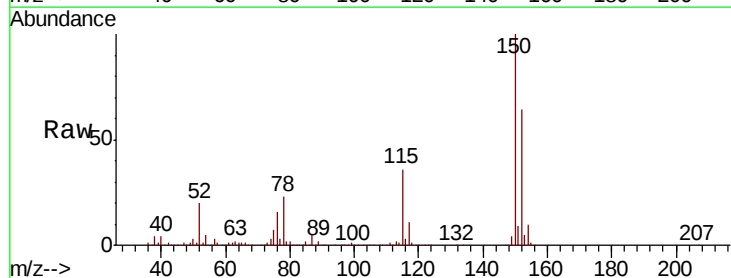


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

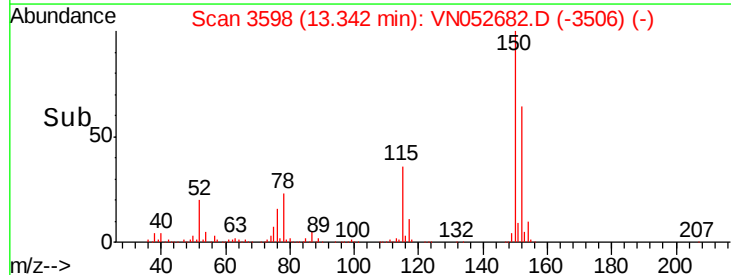
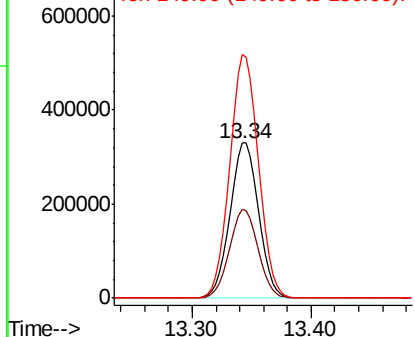


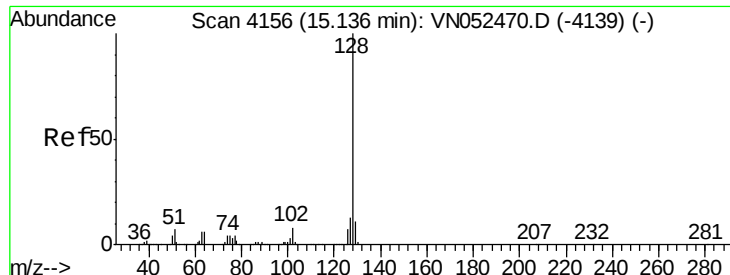
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052682.D
Acq: 5 Dec 2018 17:47

Tgt Ion:152 Resp: 548507
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.2
150 157.5 0.0 346.0



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: 4.204 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052682.D

Acq: 5 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-1RE

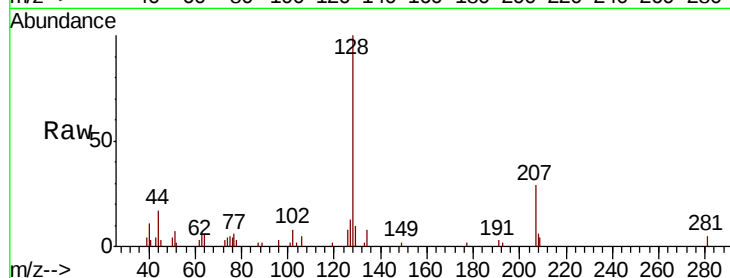
Tot Ion:128 Resp: 17193

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.3 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

