

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056446.D
 Acq On : 24 Jun 2019 11:28
 Operator : JC/SP
 Sample : PB120834ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#01

Quant Time: Jun 25 01:40:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

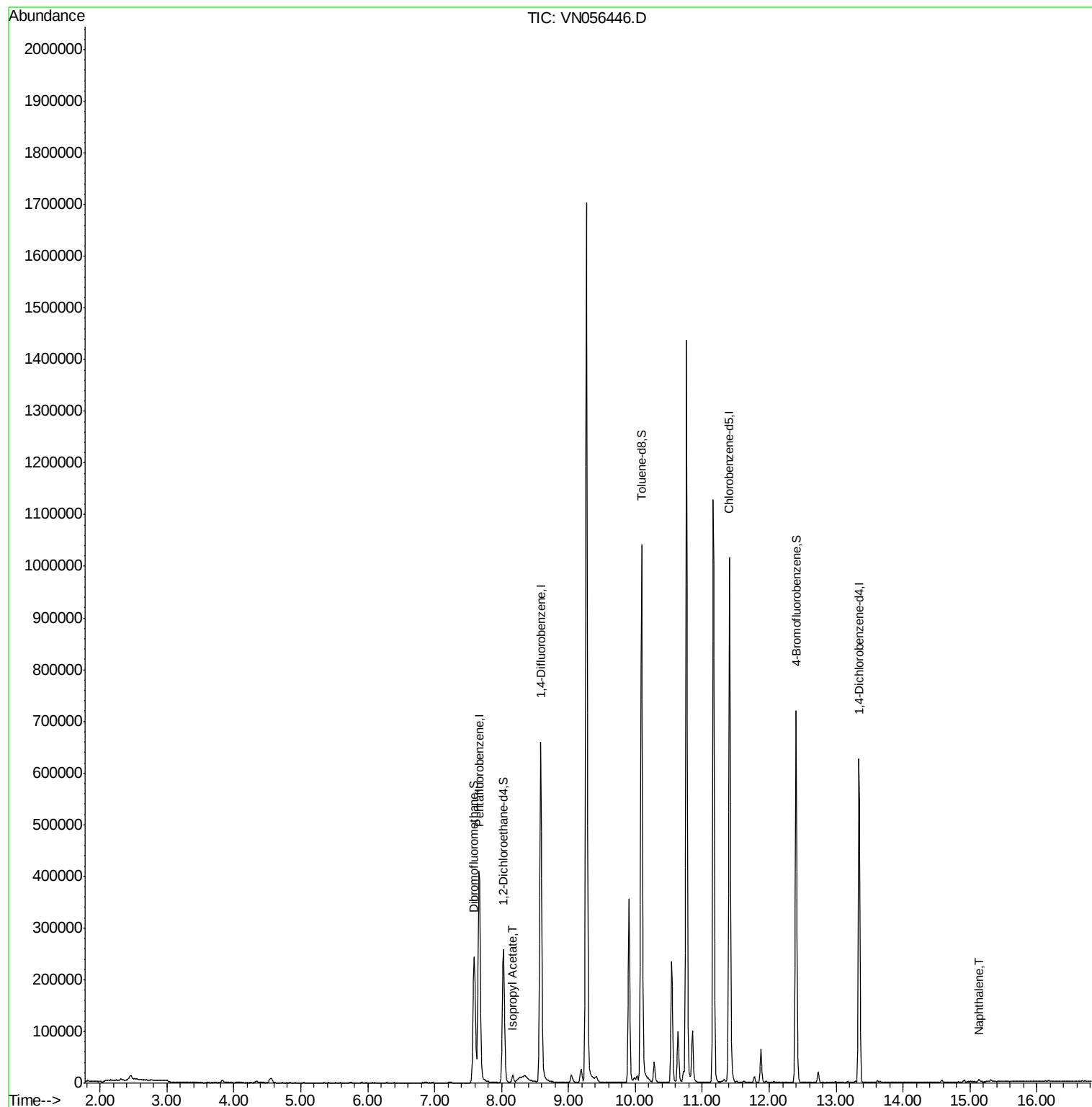
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	377571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	640088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	634453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	217641	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	7.59	113	189799	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	10.09	98	802215	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.40	95	257183	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	16813	1.969	ug/l #	90
95) Naphthalene	15.13	128	4355	5.708	ug/l	97

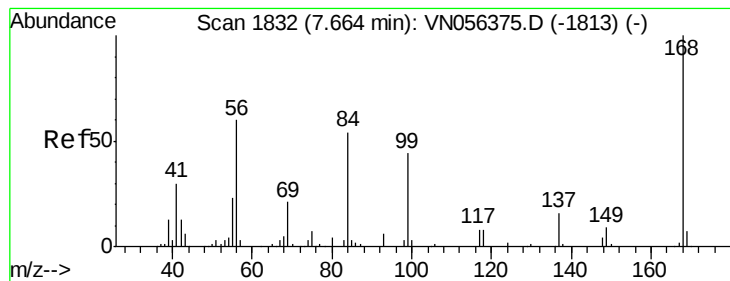
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056446.D

Acq: 24 Jun 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

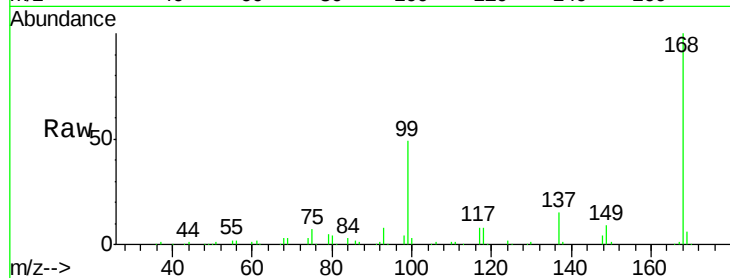
PB120834ZHE#01

Tot Ion:168 Resp: 377571

Ion Ratio Lower Upper

168 100

99 49.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

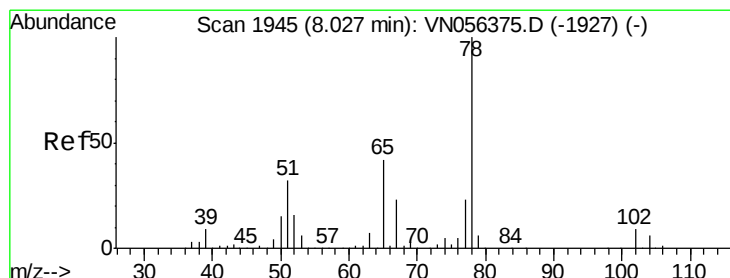
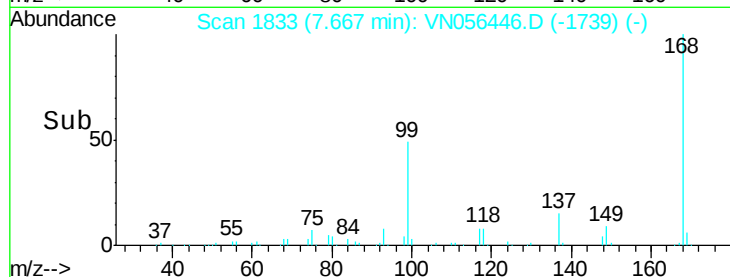
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.009 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056446.D

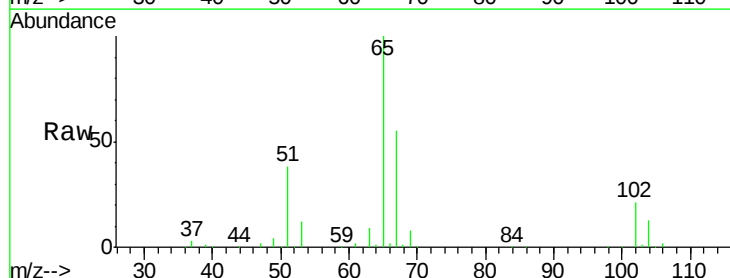
Acq: 24 Jun 2019 11:28

Tgt Ion: 65 Resp: 217641

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

100000

80000

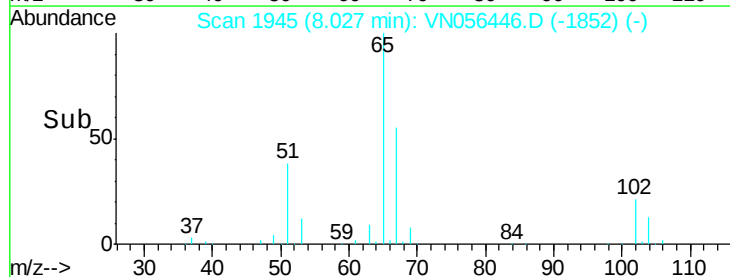
60000

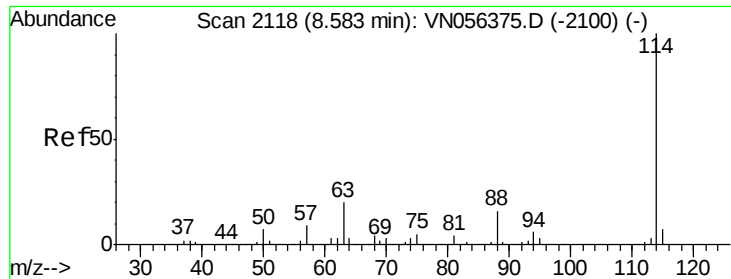
40000

20000

0

Time-->

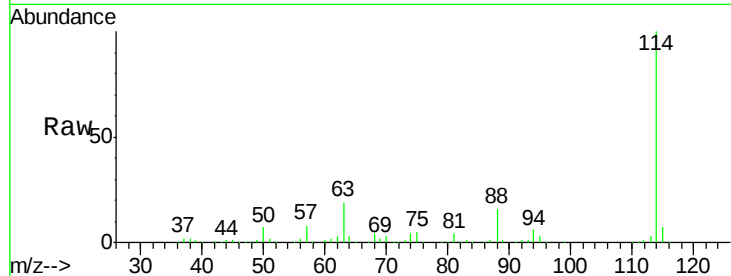




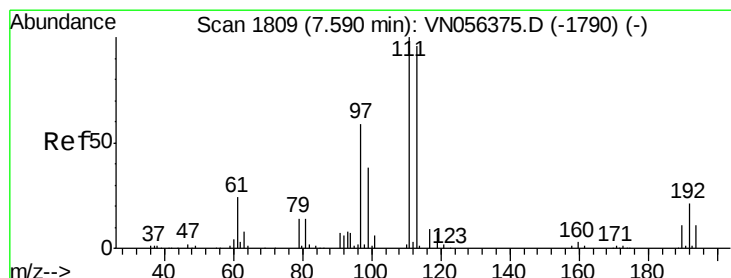
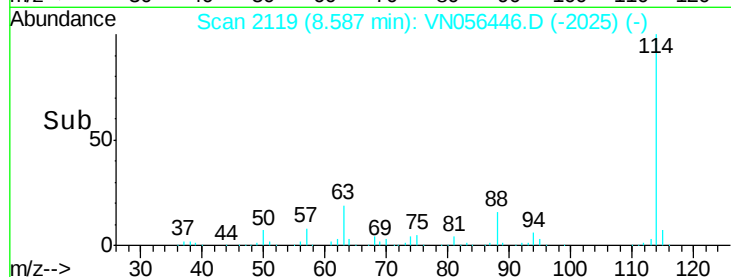
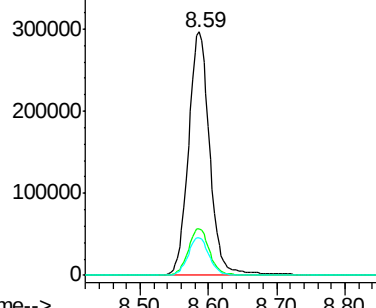
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056446.D
Acq: 24 Jun 2019 11:28

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#01

Tot Ion:114 Resp: 640088
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.2
88 15.6 0.0 31.4

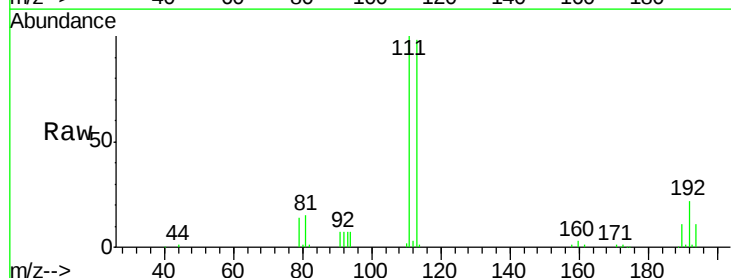


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

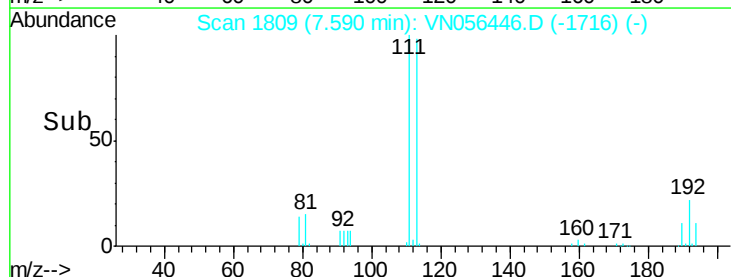
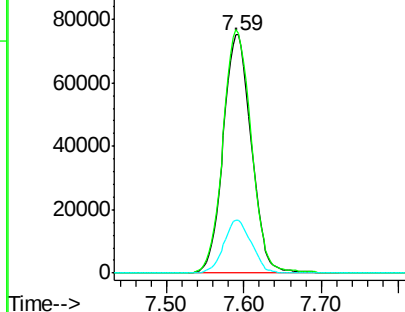


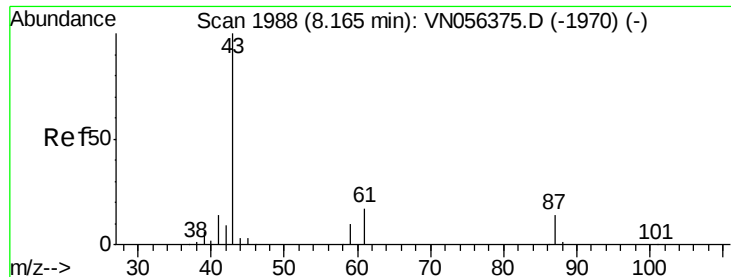
#35
Dibromofluoromethane
Concen: 47.532 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056446.D
Acq: 24 Jun 2019 11:28

Tgt Ion:113 Resp: 189799
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.9 17.7 26.5



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: 1.969 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056446.D

Acq: 24 Jun 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#01

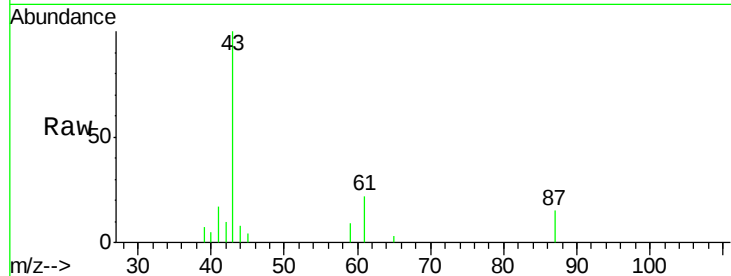
Tot Ion: 43 Resp: 16813

Ion Ratio Lower Upper

43 100

61 20.0 22.0 33.0#

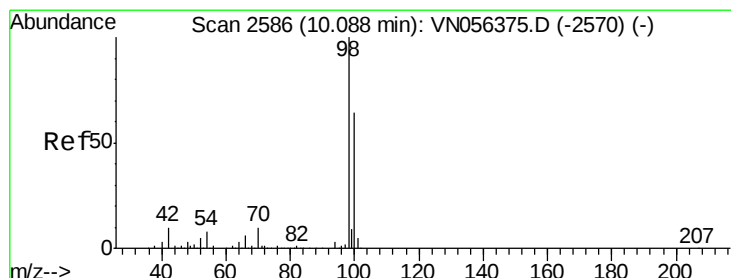
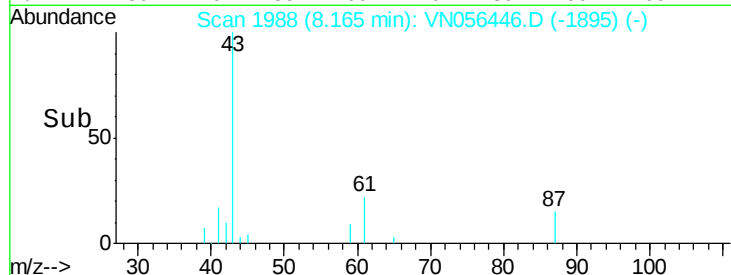
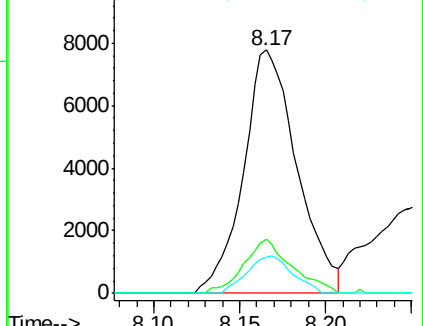
87 12.9 11.0 16.4



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: 51.631 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056446.D

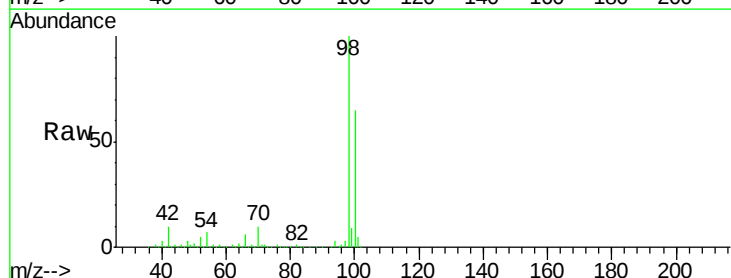
Acq: 24 Jun 2019 11:28

Tgt Ion: 98 Resp: 802215

Ion Ratio Lower Upper

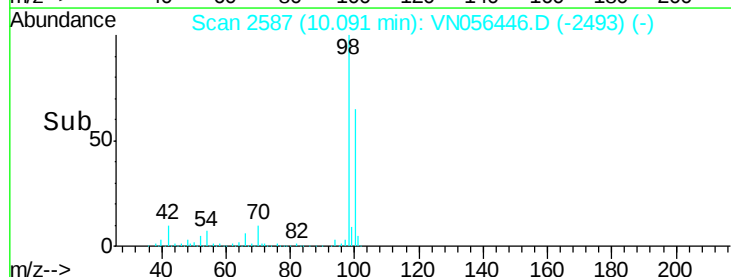
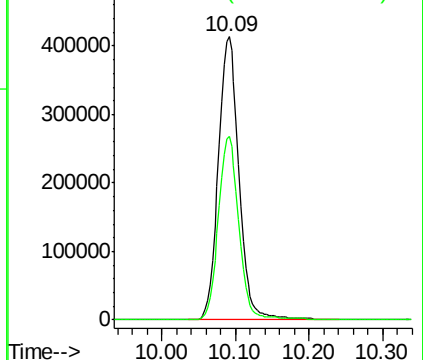
98 100

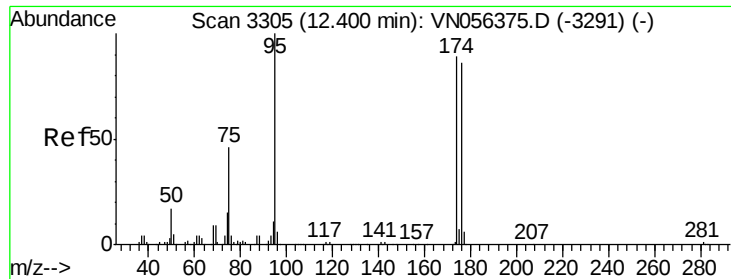
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.654 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056446.D

Acq: 24 Jun 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#01

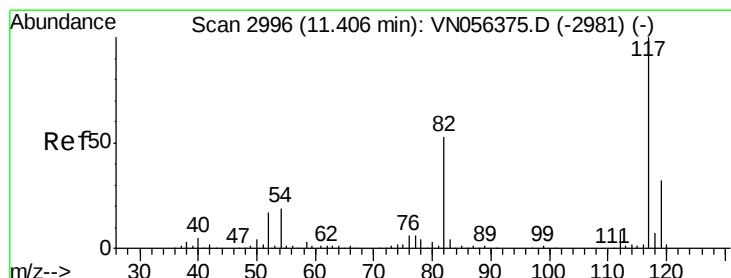
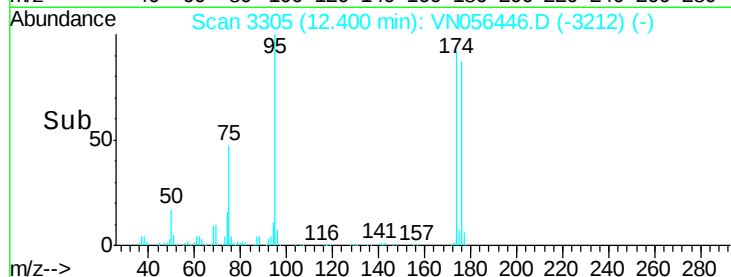
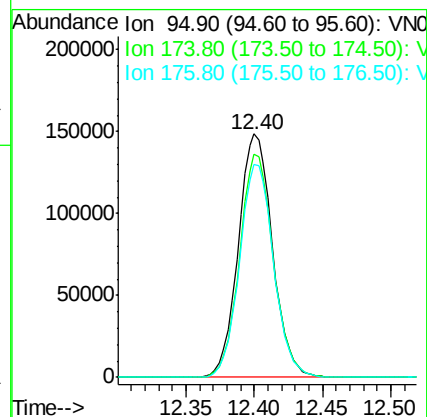
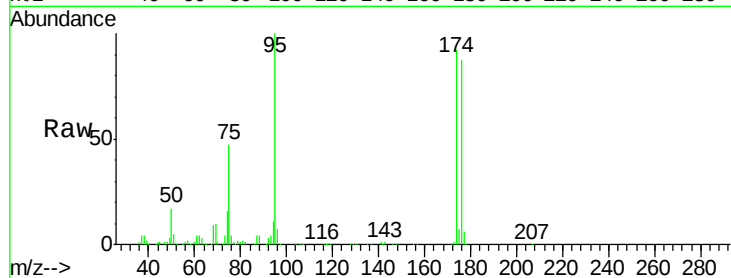
Tot Ion: 95 Resp: 257183

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.4

176 87.5 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056446.D

Acq: 24 Jun 2019 11:28

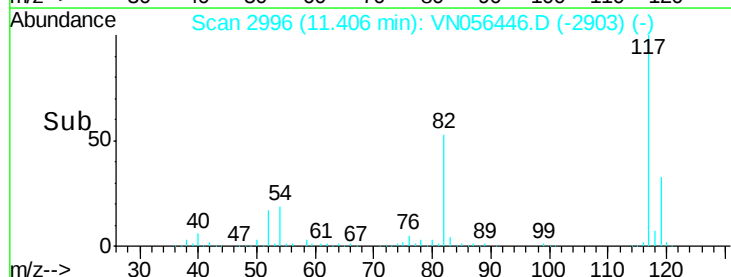
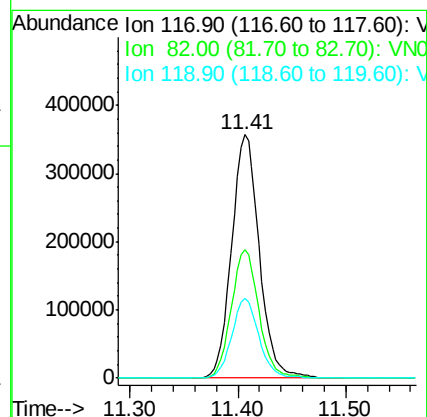
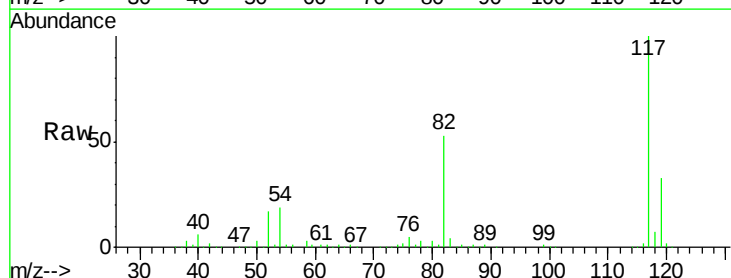
Tgt Ion: 117 Resp: 634453

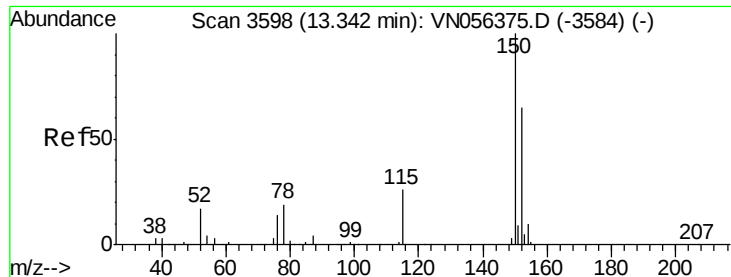
Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

119 32.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056446.D

Acq: 24 Jun 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#01

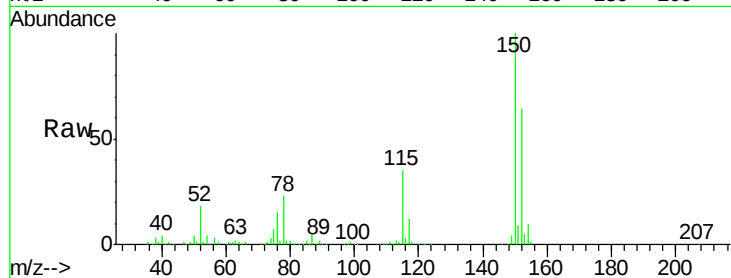
Tot Ion:152 Resp: 183989

Ion Ratio Lower Upper

152 100

115 54.5 28.1 84.4

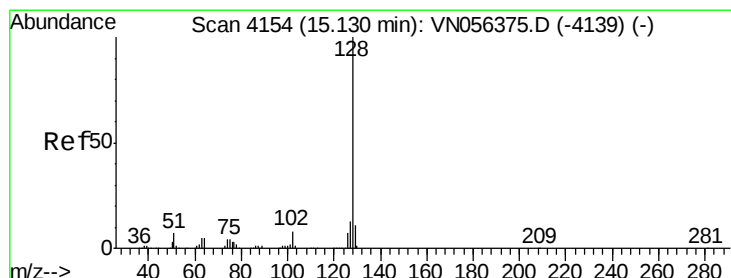
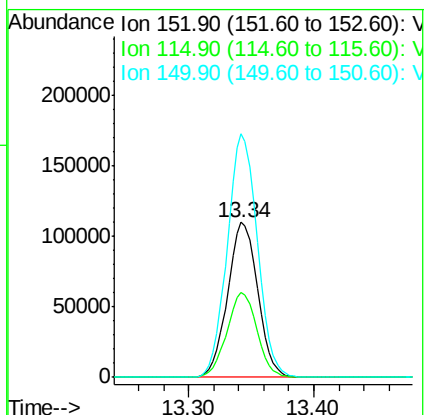
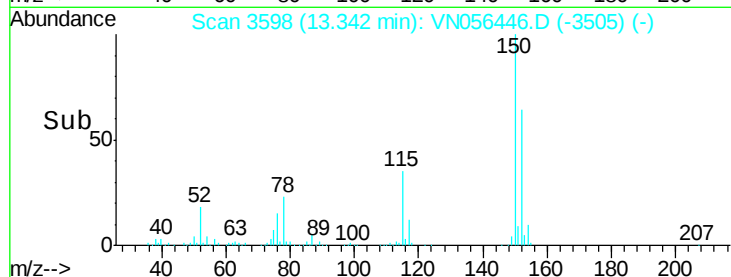
150 156.4 0.0 348.4



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



#95

Naphthalene

Concen: 5.708 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056446.D

Acq: 24 Jun 2019 11:28

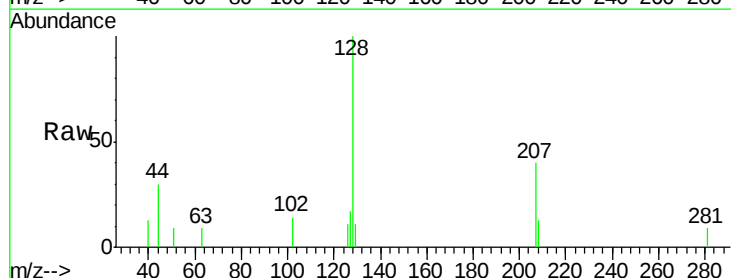
Tgt Ion:128 Resp: 4355

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 9.0 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

