

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056766.D
 Acq On : 16 Jul 2019 14:13
 Operator : JC/SP
 Sample : PB121398ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#06

Quant Time: Jul 17 08:23:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

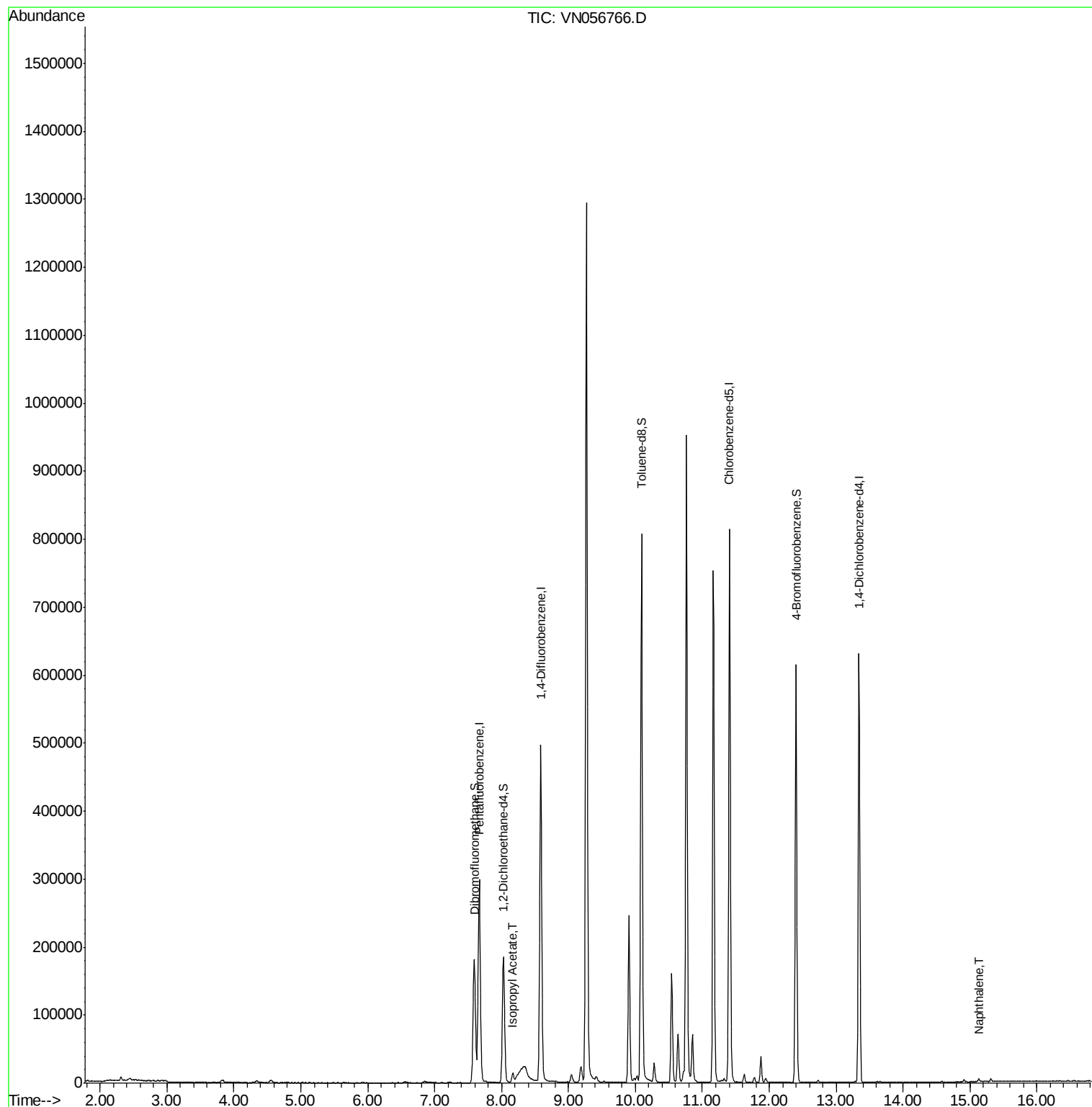
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	267541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	474188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	155703	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	7.59	113	140160	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	604392	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.40	95	217694	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.28%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	17016	2.503	ug/l #	90
95) Naphthalene	15.13	128	4719	4.963	ug/l #	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071619\
Data File : VN056766.D
Acq On : 16 Jul 2019 14:13
Operator : JC/SP
Sample : PB121398ZHE#06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#06

Quant Time: Jul 17 08:23:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
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: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

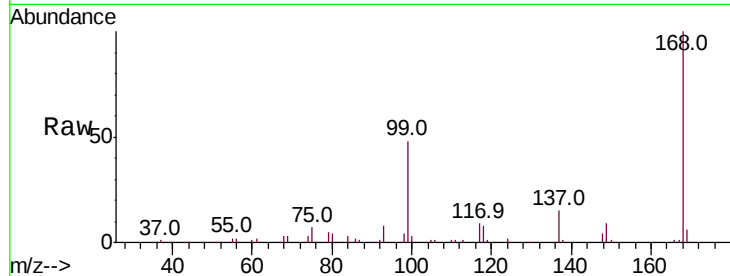
PB121398ZHE#06

Tot Ion:168 Resp: 267541

Ion Ratio Lower Upper

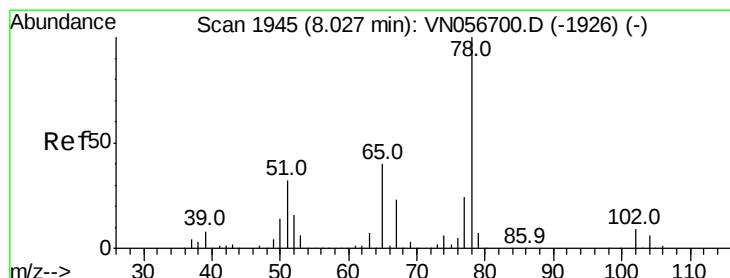
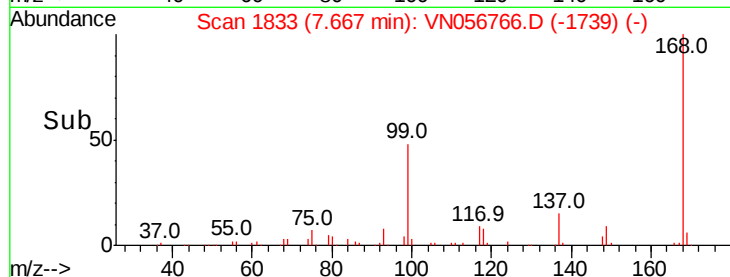
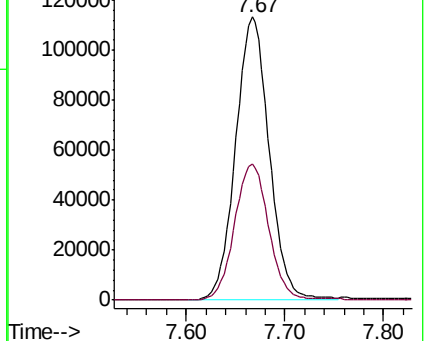
168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.614 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056766.D

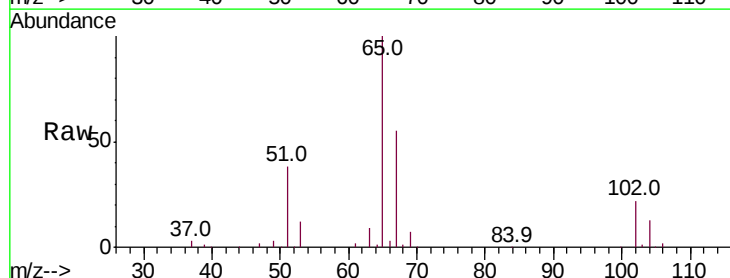
Acq: 16 Jul 2019 14:13

Tgt Ion: 65 Resp: 155703

Ion Ratio Lower Upper

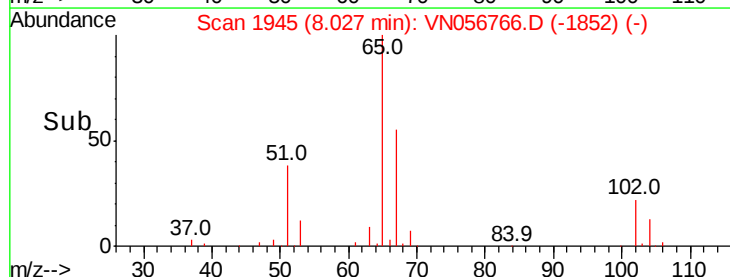
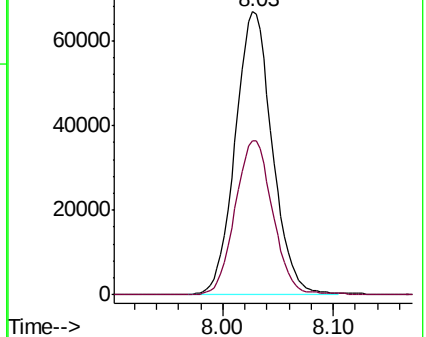
65 100

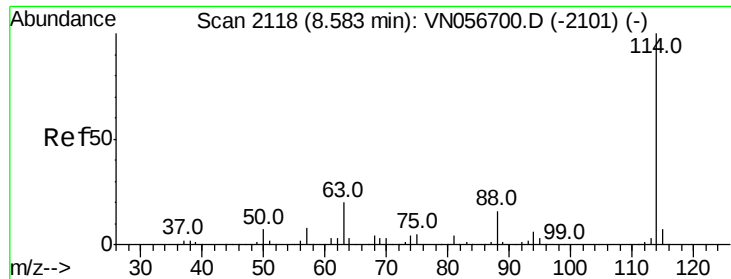
67 55.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

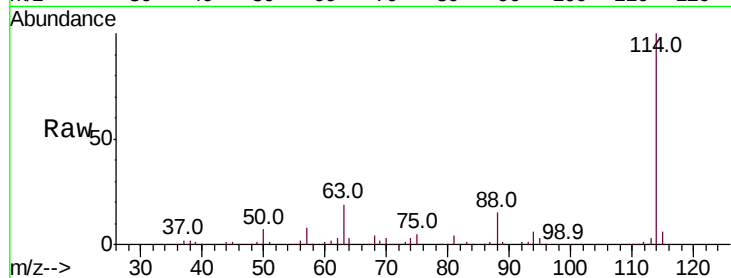




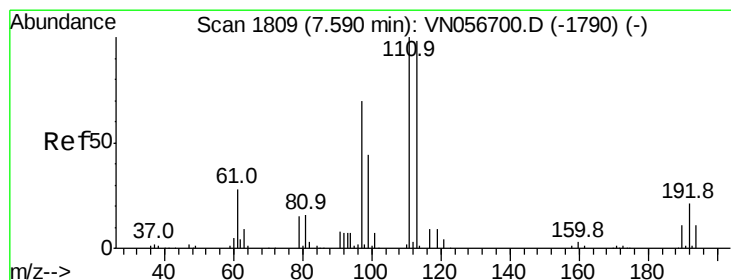
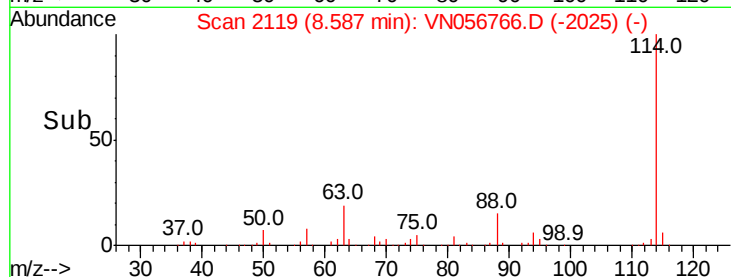
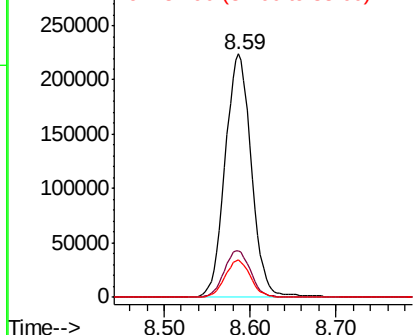
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#06

Tot Ion:114 Resp: 474188
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 15.2 0.0 31.2

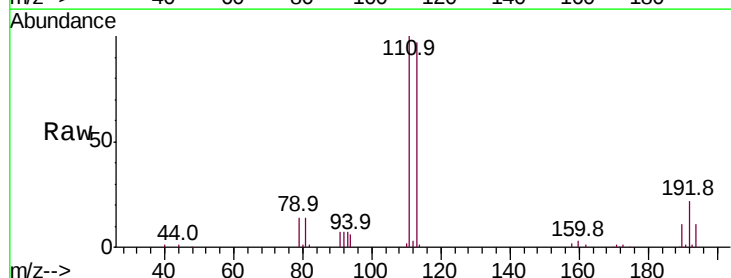


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

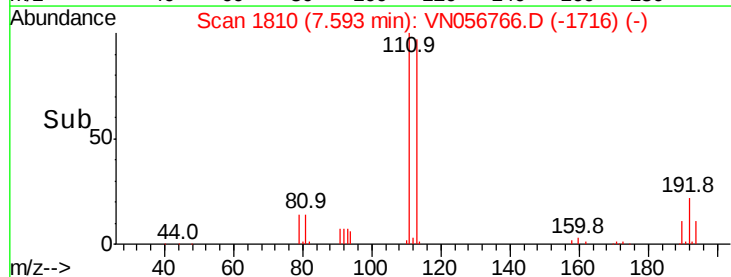
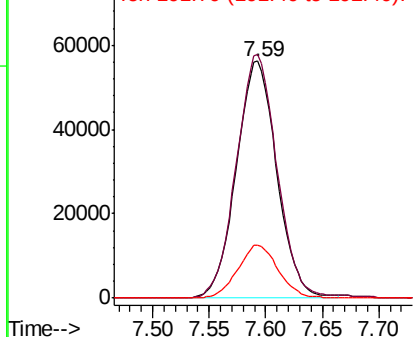


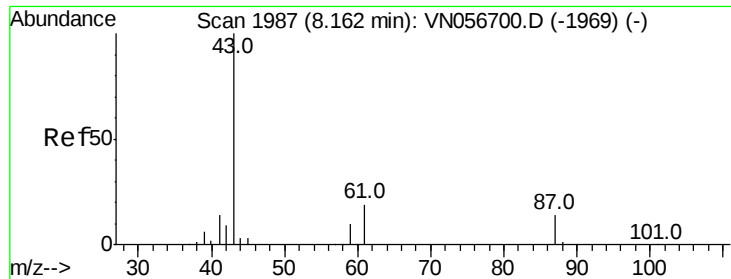
#35
 Dibromofluoromethane
 Concen: 47.496 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

Tgt Ion:113 Resp: 140160
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.6
 192 22.4 17.5 26.3



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: 2.503 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

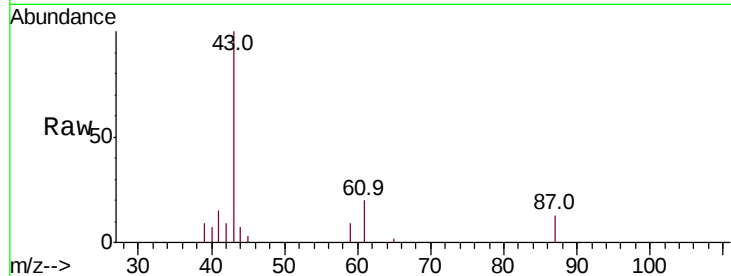
Tot Ion: 43 Resp: 17016

Ion Ratio Lower Upper

43 100

61 20.5 22.3 33.5#

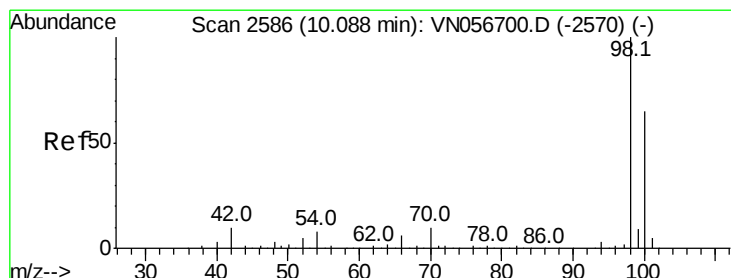
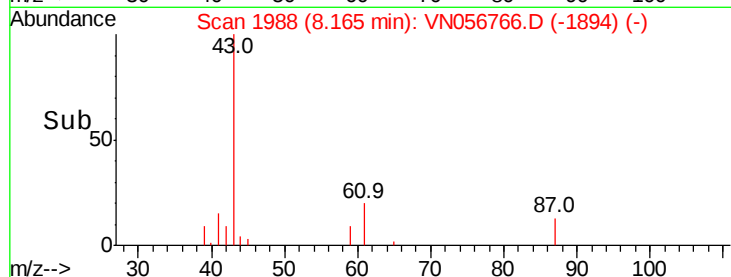
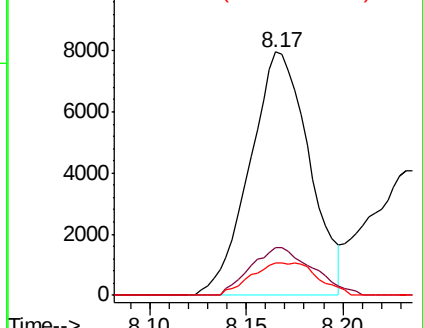
87 14.7 11.1 16.7



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: 53.029 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056766.D

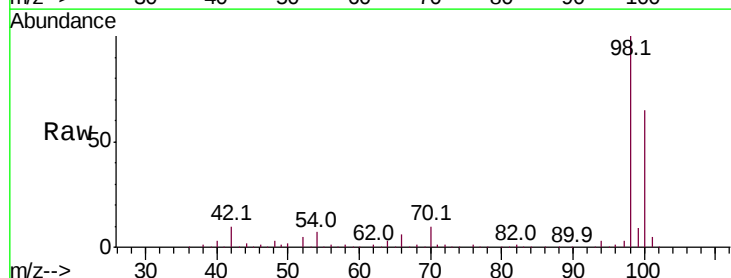
Acq: 16 Jul 2019 14:13

Tgt Ion: 98 Resp: 604392

Ion Ratio Lower Upper

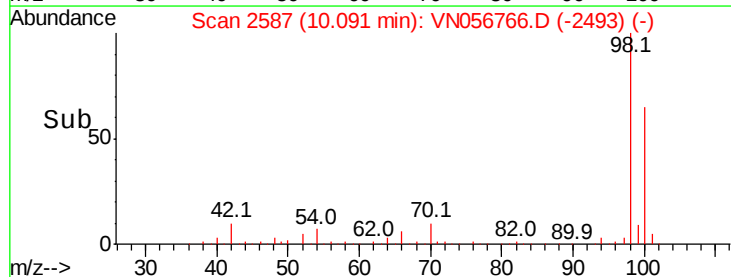
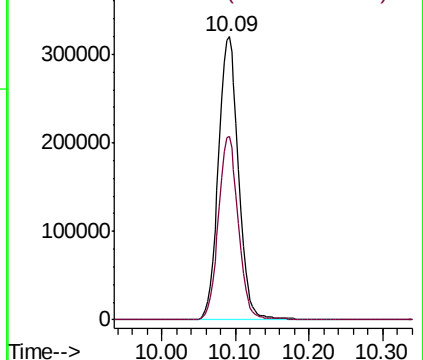
98 100

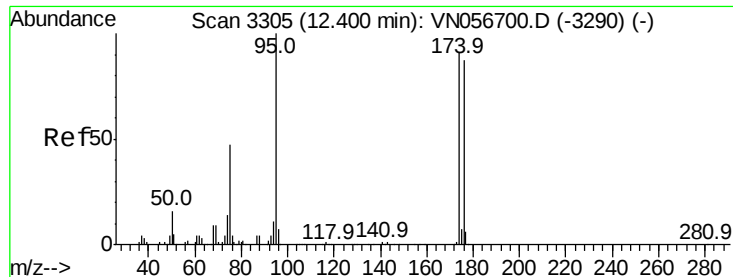
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 56.639 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

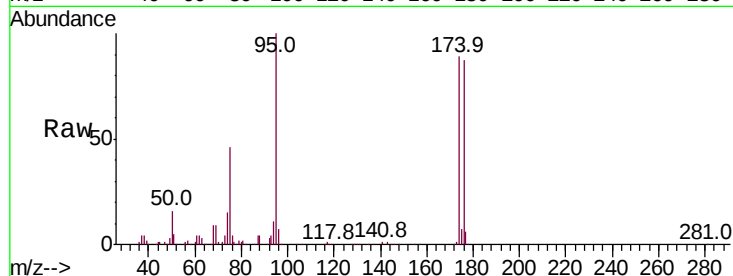
Tot Ion: 95 Resp: 217694

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

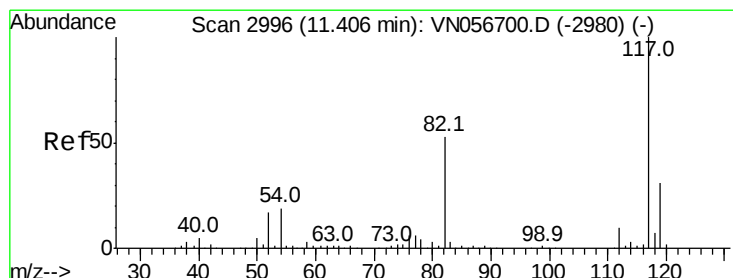
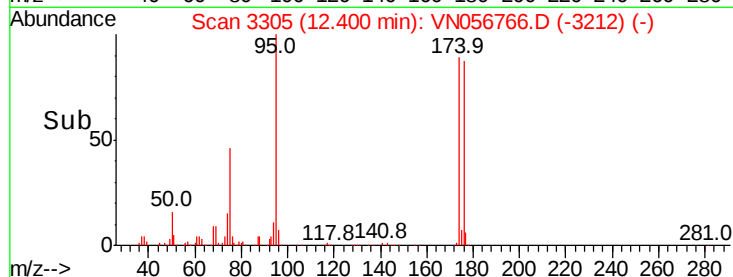
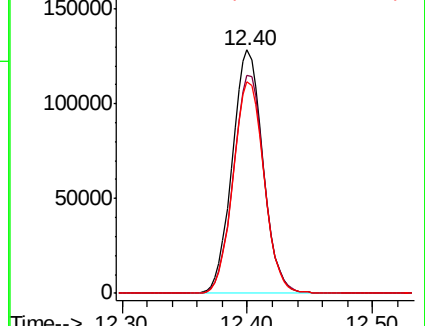
176 87.8 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

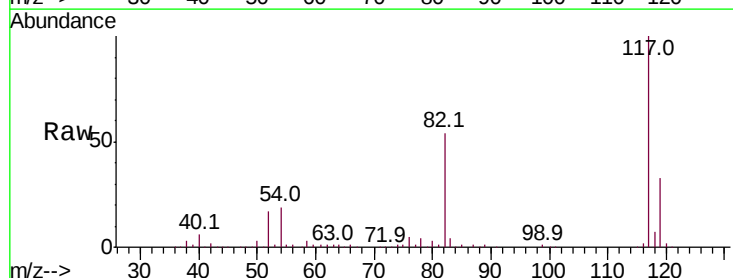
Tgt Ion: 117 Resp: 501267

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.2

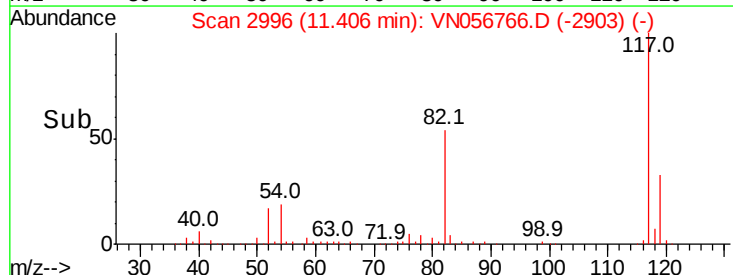
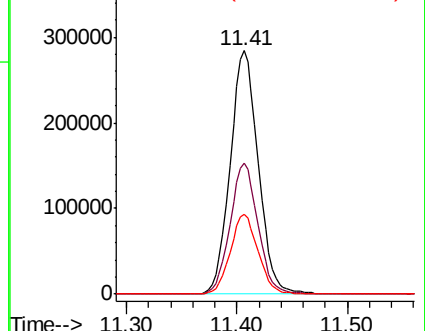
119 32.9 25.2 37.8

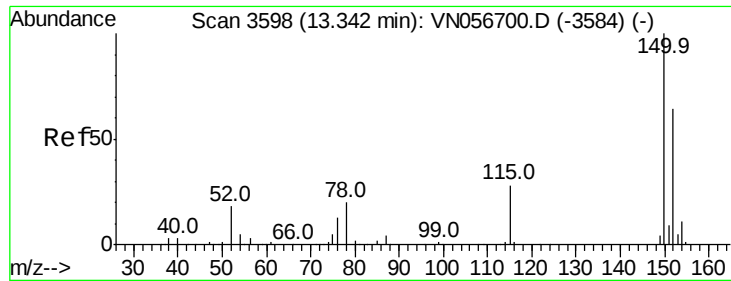


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

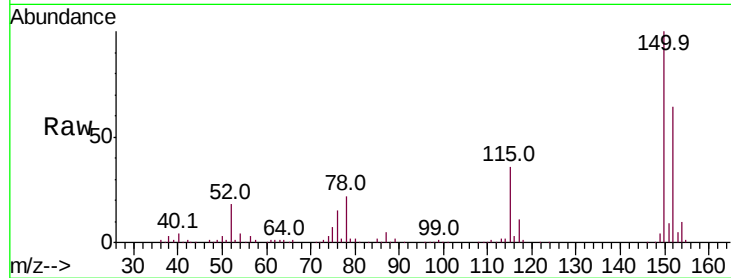
Tot Ion:152 Resp: 183074

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

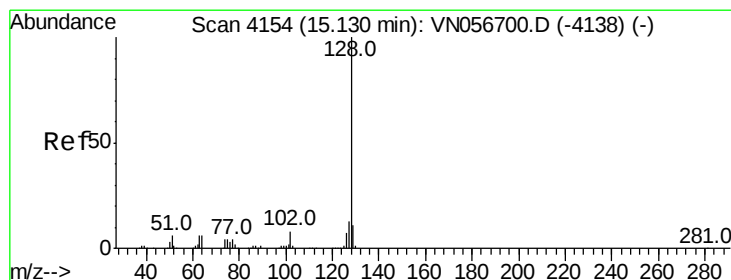
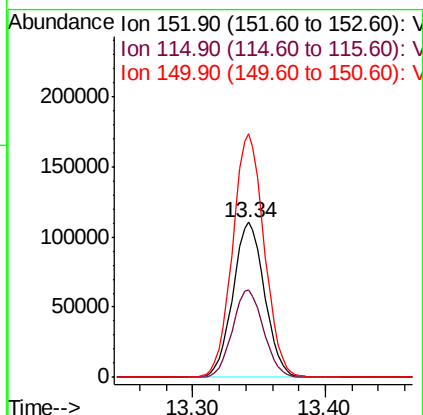
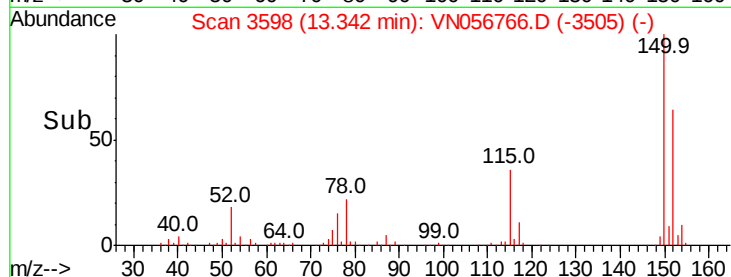
150 156.4 0.0 345.8



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: 4.963 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

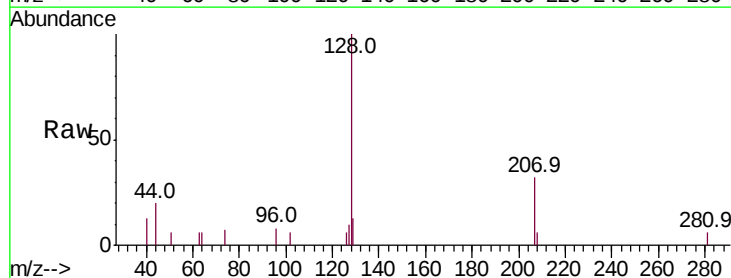
Tgt Ion:128 Resp: 4719

Ion Ratio Lower Upper

128 100

127 8.0 10.3 15.5#

129 8.4 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

