

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056476.D
 Acq On : 25 Jun 2019 11:10
 Operator : JC/SP
 Sample : PB120881TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881TB

Quant Time: Jun 26 05:22:51 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

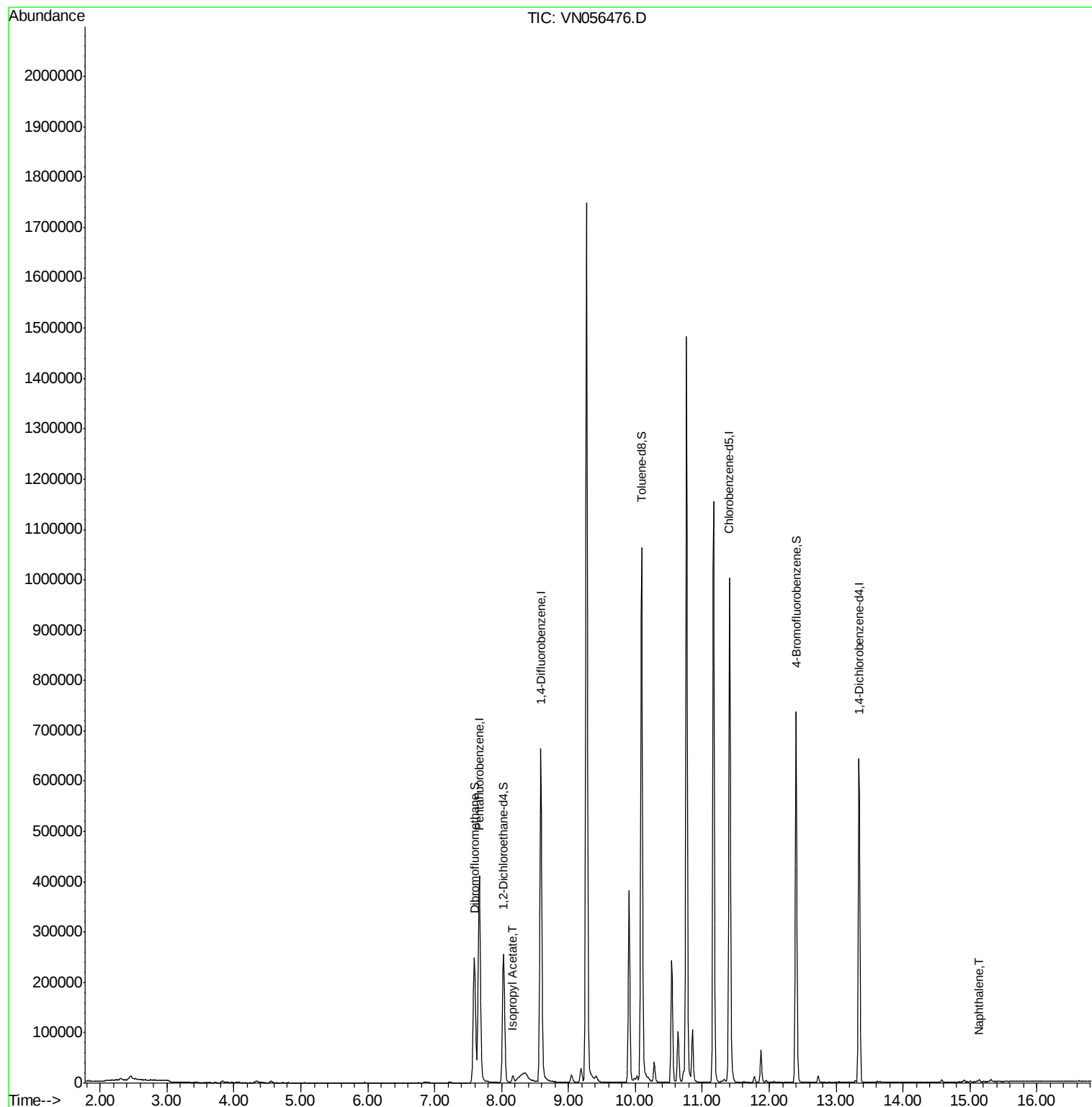
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	378771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	643041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	647120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215094	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.59	113	190810	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	802033	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.40	95	262793	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	16314	1.902	ug/l #	91
95) Naphthalene	15.13	128	4840	5.746	ug/l #	93

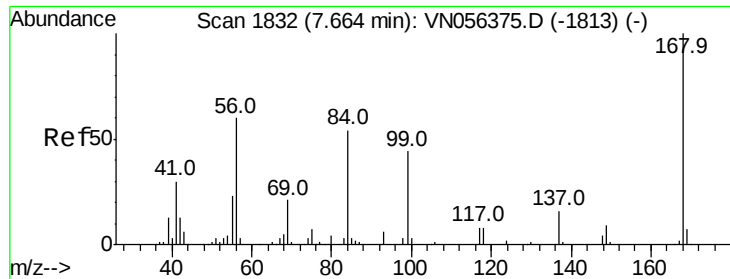
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 03:45:40 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: VN056476.D

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Instrument :

MSVOA_N

ClientSampleId :

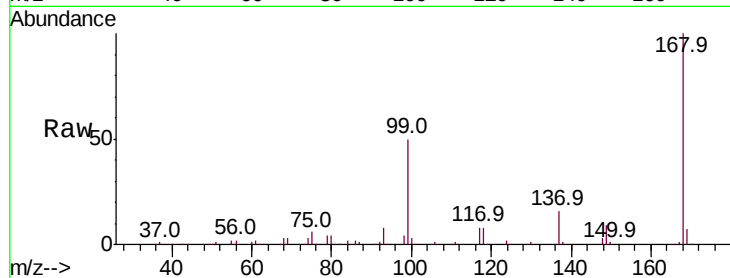
PB120881TB

Tot Ion:168 Resp: 378771

Ion Ratio Lower Upper

168 100

99 50.0 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

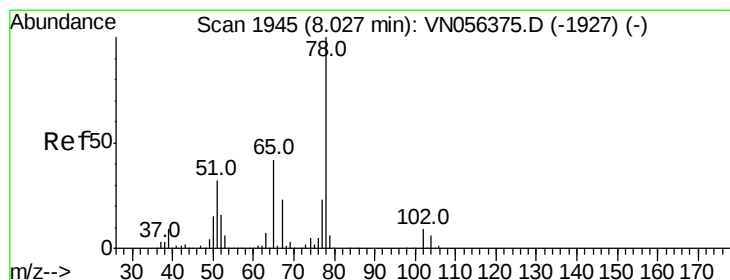
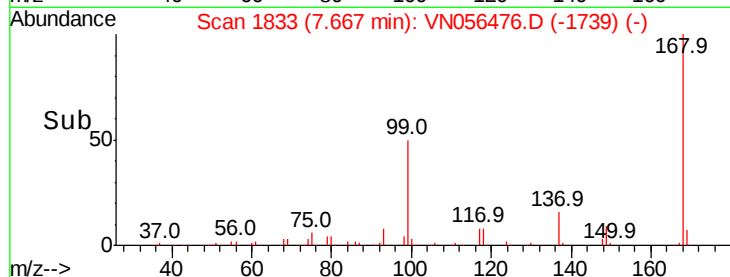
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.238 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN056476.D

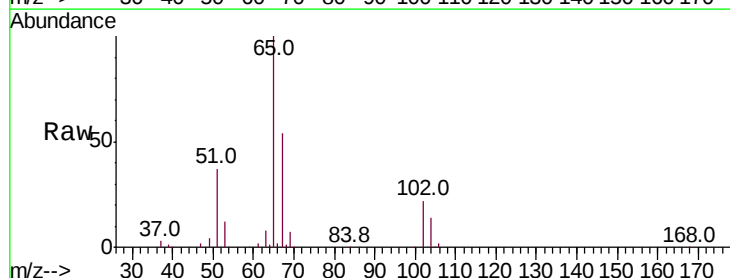
Acq: 25 Jun 2019 11:10

Tgt Ion: 65 Resp: 215094

Ion Ratio Lower Upper

65 100

67 54.9 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

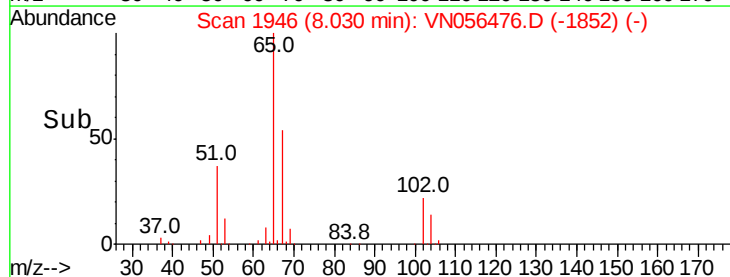
40000

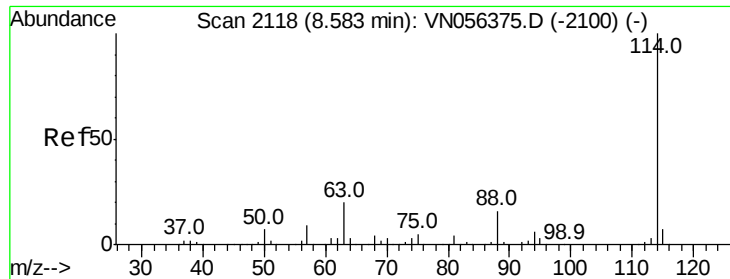
20000

0

7.95 8.00 8.05 8.10

Time-->

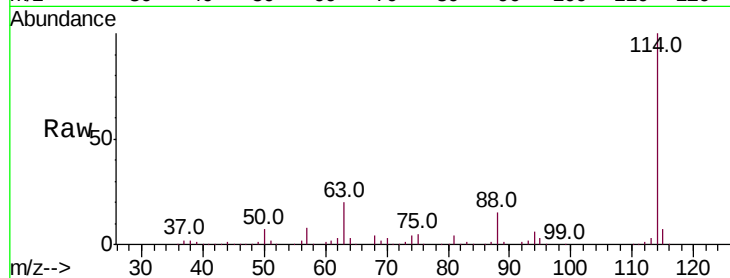




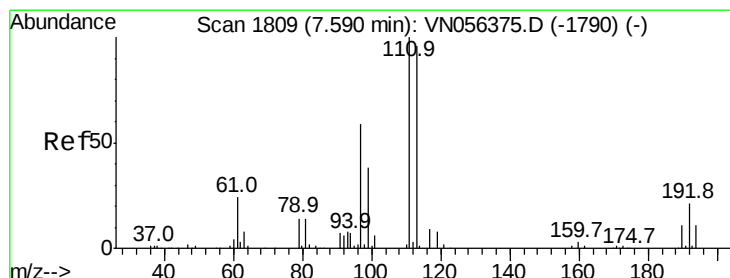
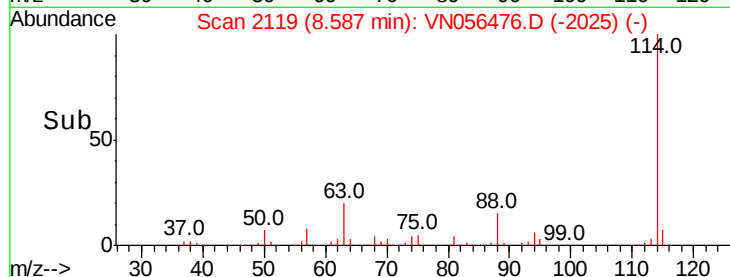
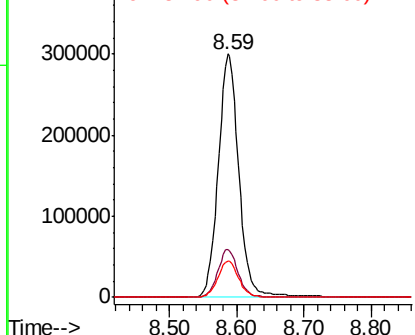
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881TB

Tot Ion:114 Resp: 643041
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 15.0 0.0 31.4

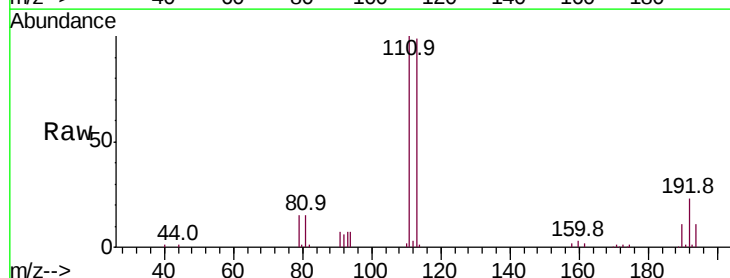


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

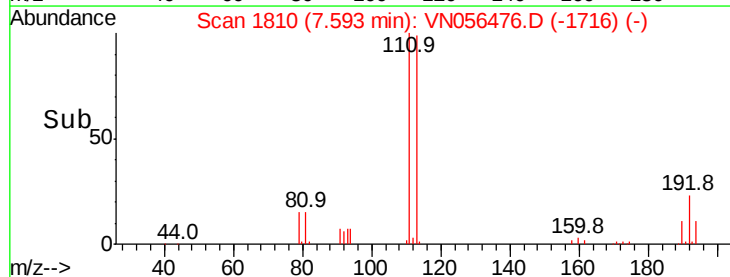
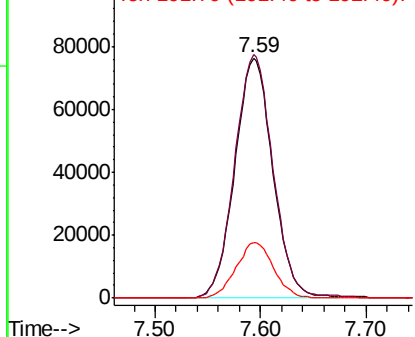


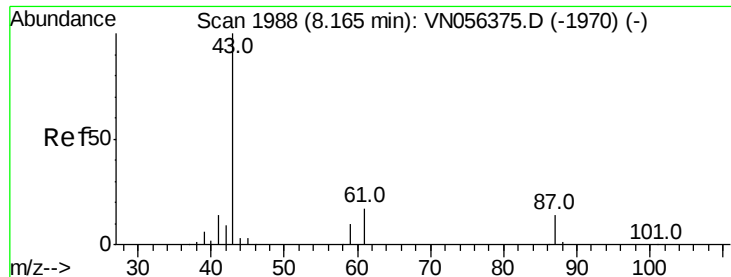
#35
 Dibromofluoromethane
 Concen: 47.566 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056476.D
 Acq: 25 Jun 2019 11:10

Tgt Ion:113 Resp: 190810
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 22.9 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: 1.902 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB120881TB

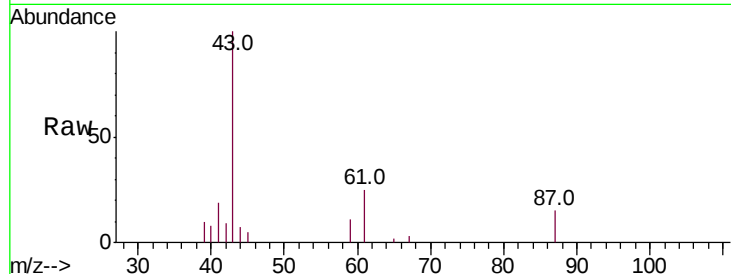
Tot Ion: 43 Resp: 16314

Ion Ratio Lower Upper

43 100

61 21.7 22.0 33.0#

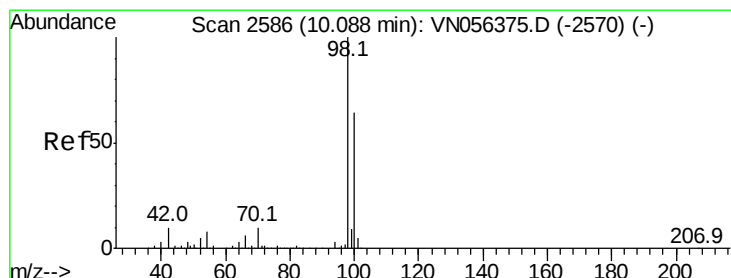
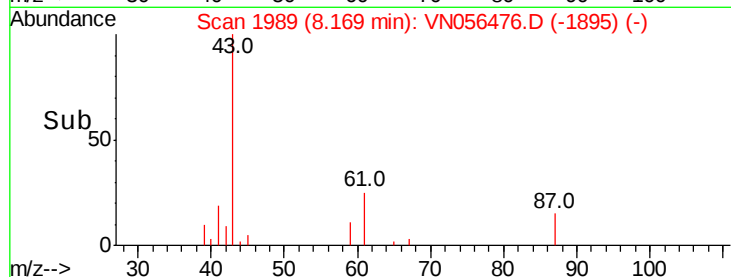
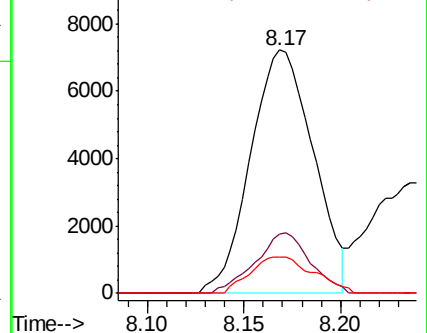
87 15.1 11.0 16.4



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: 51.382 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056476.D

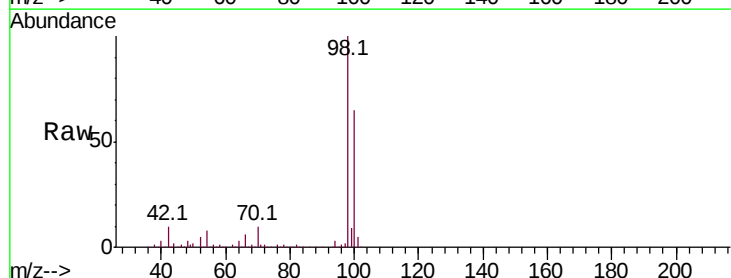
Acq: 25 Jun 2019 11:10

Tgt Ion: 98 Resp: 802033

Ion Ratio Lower Upper

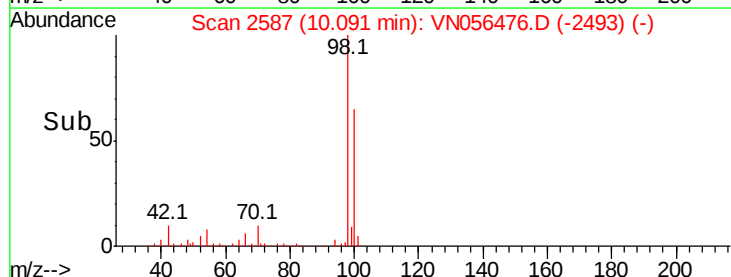
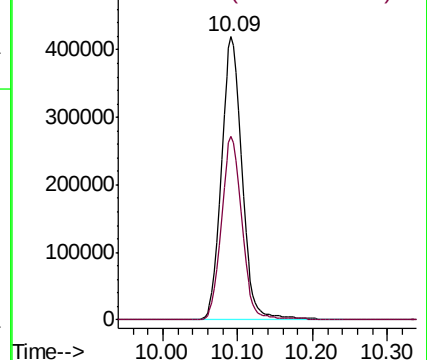
98 100

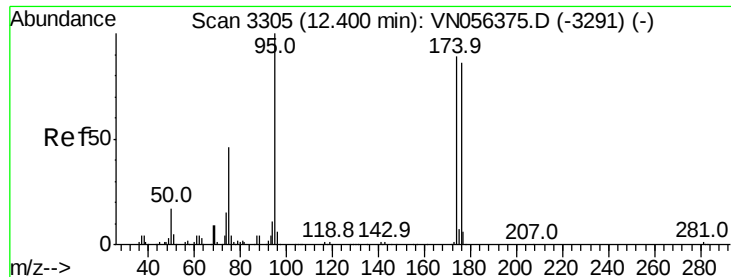
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.504 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

PB120881TB

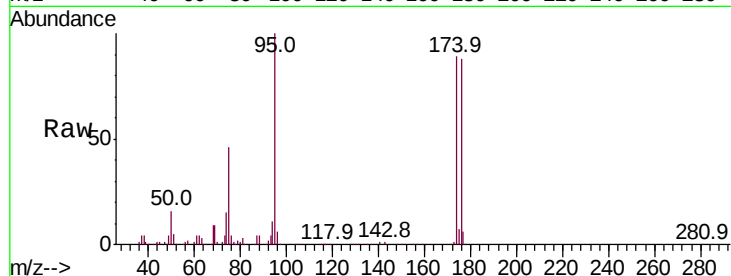
Tot Ion: 95 Resp: 262793

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

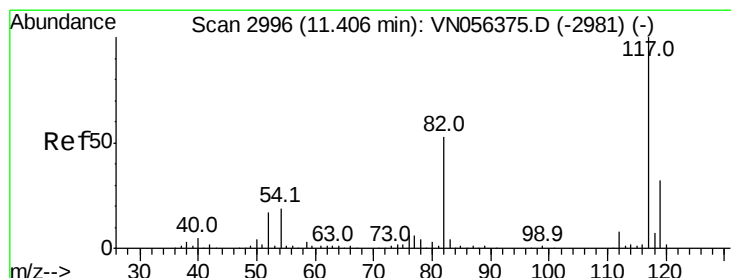
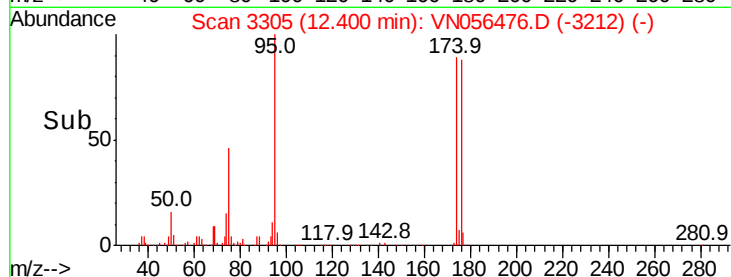
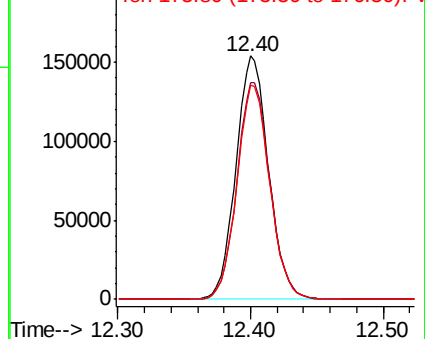
176 88.5 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

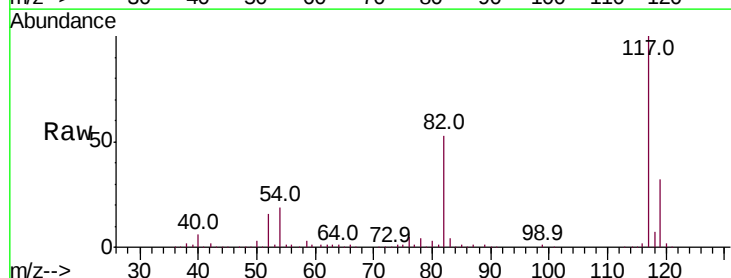
Tgt Ion: 117 Resp: 647120

Ion Ratio Lower Upper

117 100

82 53.3 42.0 63.0

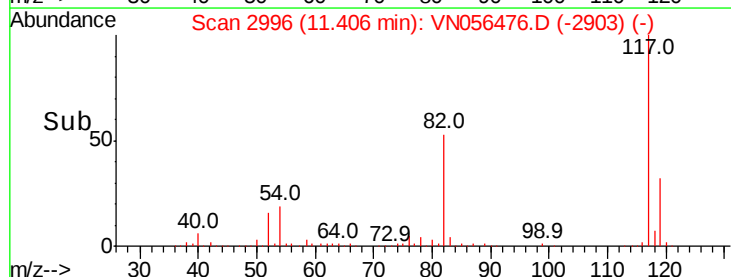
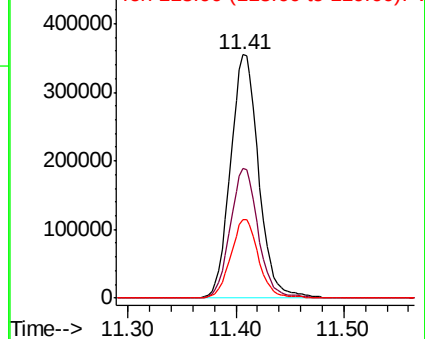
119 32.4 25.3 37.9

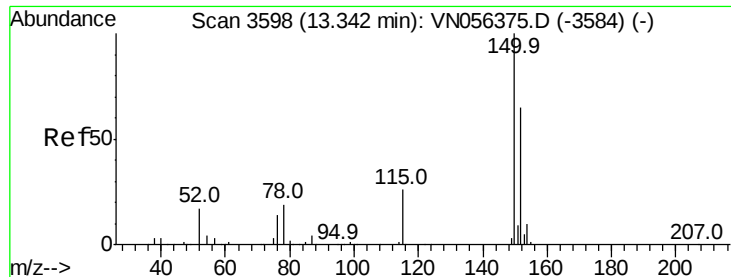


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

Instrument :

MSVOA_N

ClientSampled :

PB120881TB

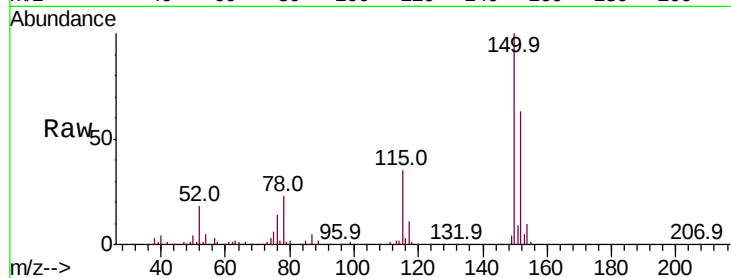
Tot Ion:152 Resp: 188718

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.4

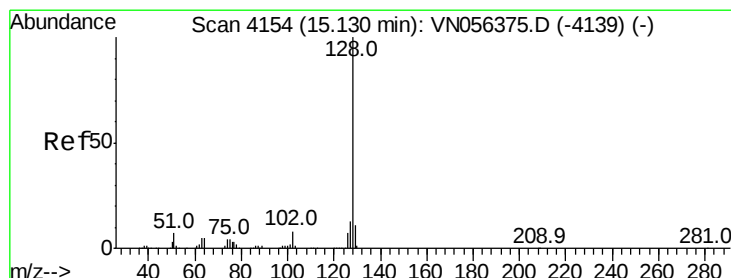
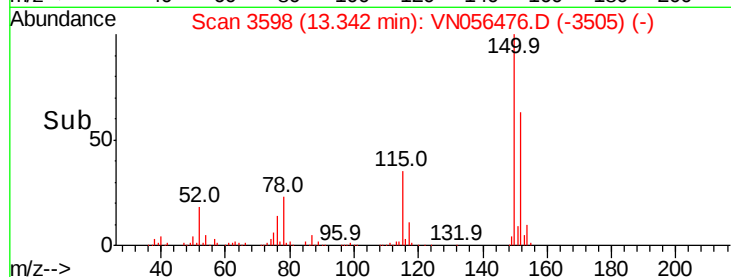
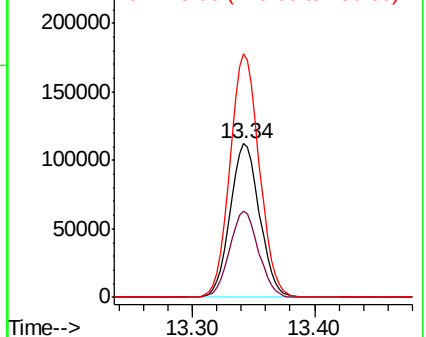
150 157.9 0.0 348.4



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: 5.746 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056476.D

Acq: 25 Jun 2019 11:10

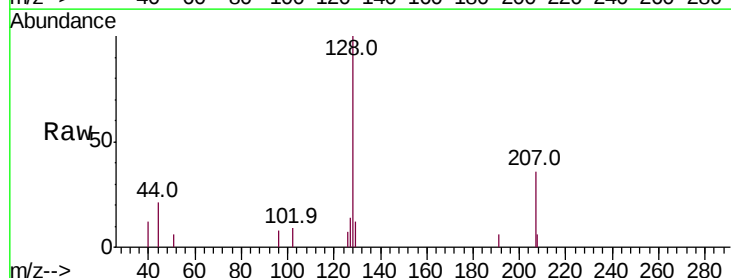
Tgt Ion:128 Resp: 4840

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.2#

129 7.5 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

