

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056817.D
 Acq On : 18 Jul 2019 17:14
 Operator : JC/SP
 Sample : PB121463TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463TB

Quant Time: Jul 19 09:08:48 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

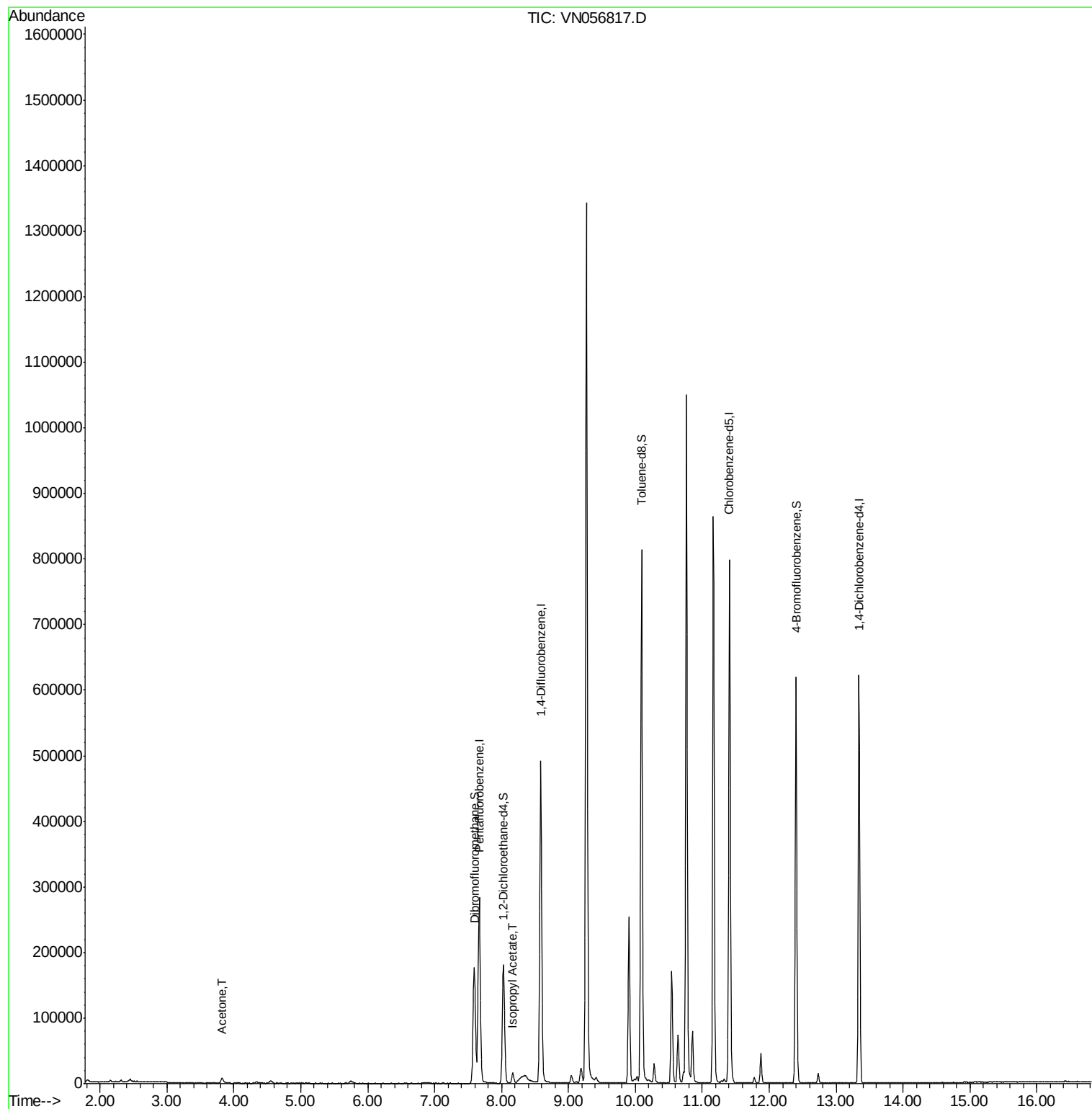
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	256167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	468396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	503568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	153346	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	7.59	113	138812	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	10.09	98	594442	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.40	95	217259	57.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.44%	
Target Compounds						
16) Acetone	3.82	43	14116	10.810	ug/l	99
43) Isopropyl Acetate	8.17	43	18994	2.828	ug/l #	90

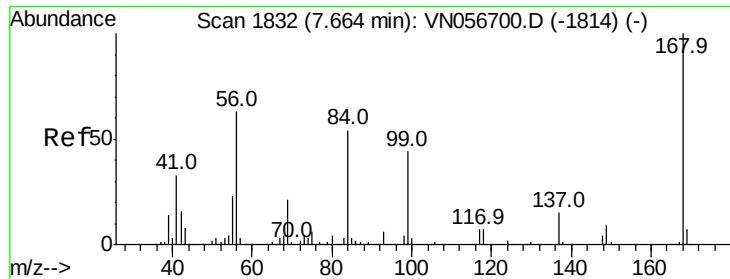
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056817.D

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MSVOA_N

ClientSampleId :

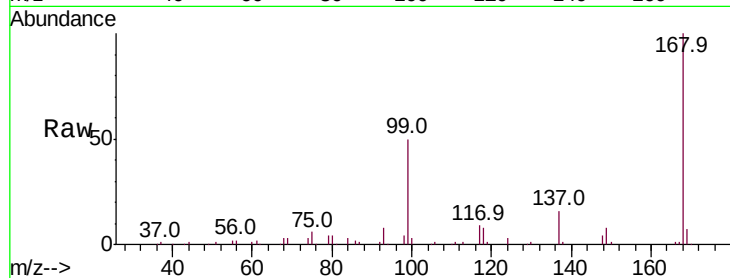
PB121463TB

Tot Ion:168 Resp: 256167

Ion Ratio Lower Upper

168 100

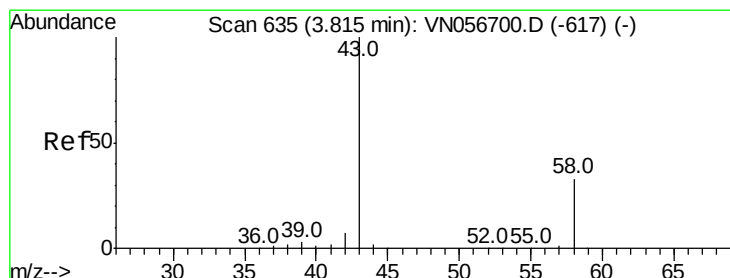
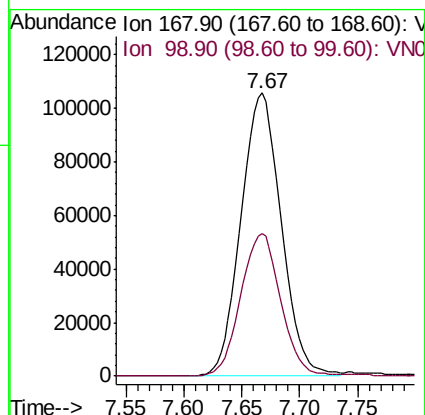
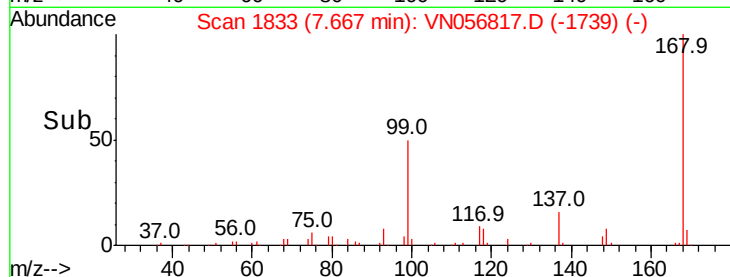
99 50.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056817.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056817.D (-1739) (-)

7.67



#16

Acetone

Concen: 10.810 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056817.D

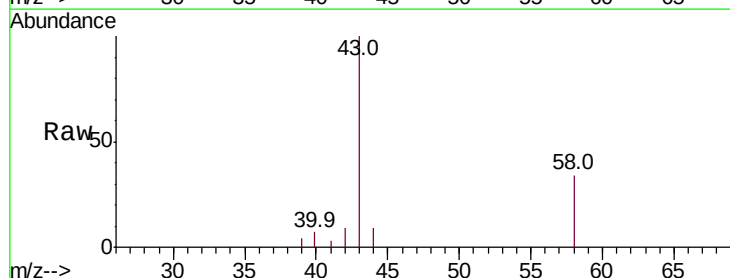
Acq: 18 Jul 2019 17:14

Tgt Ion: 43 Resp: 14116

Ion Ratio Lower Upper

43 100

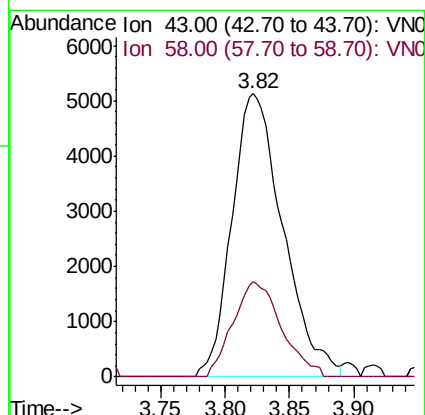
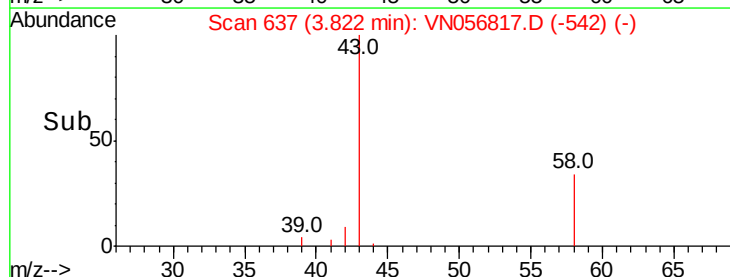
58 33.8 26.7 40.1

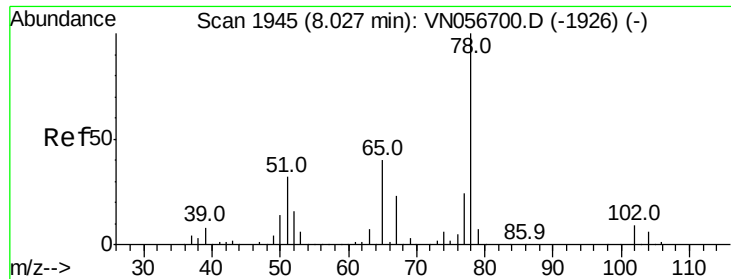


Abundance Ion 43.00 (42.70 to 43.70): VN056817.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056817.D (-542) (-)

3.82

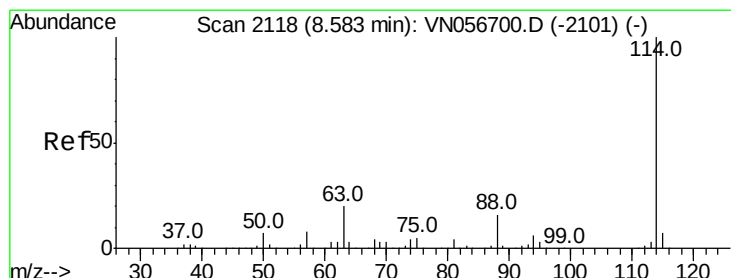
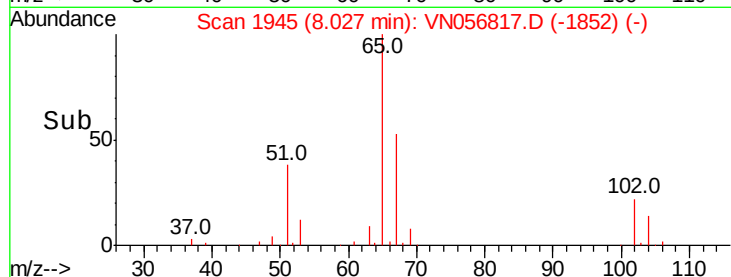
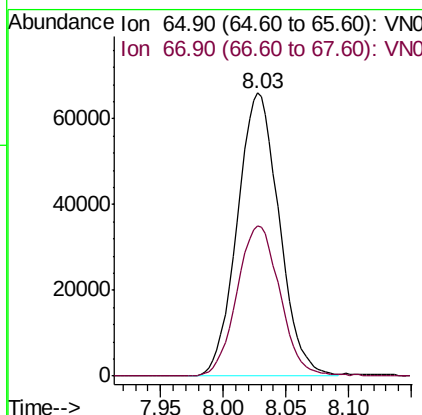
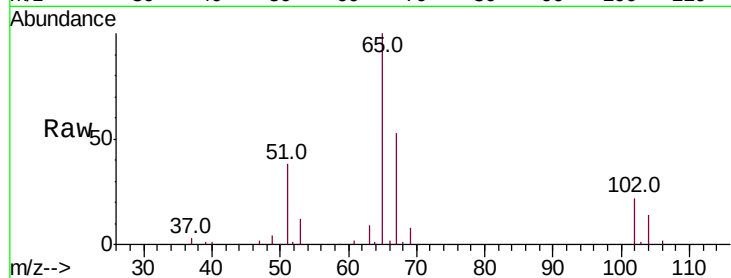




#33
 1,2-Dichloroethane-d4
 Concen: 54.118 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056817.D
 Acq: 18 Jul 2019 17:14

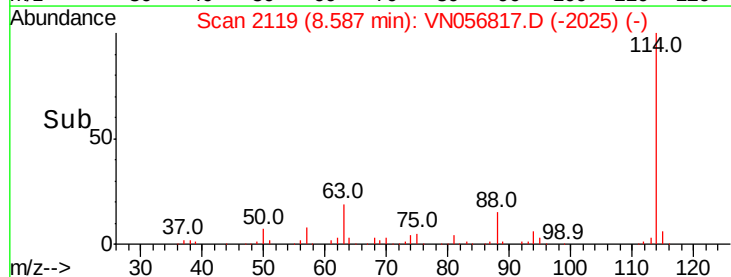
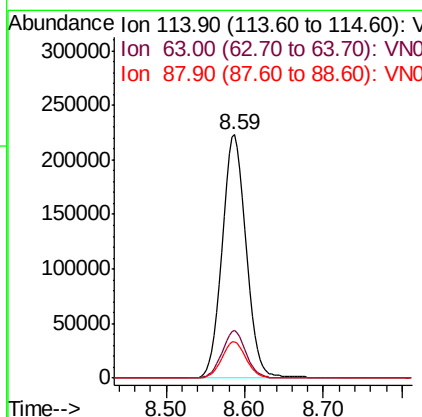
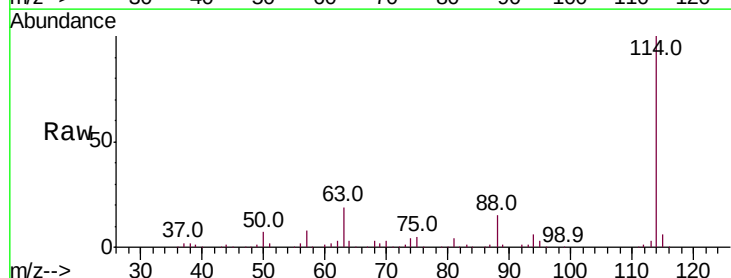
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463TB

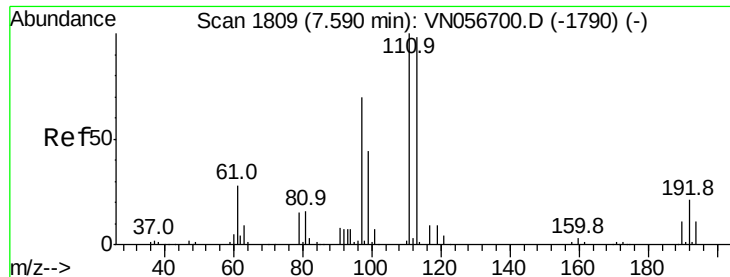
Tot Ion: 65 Resp: 153346
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056817.D
 Acq: 18 Jul 2019 17:14

Tgt Ion: 114 Resp: 468396
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.621 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056817.D

Acq: 18 Jul 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

PB121463TB

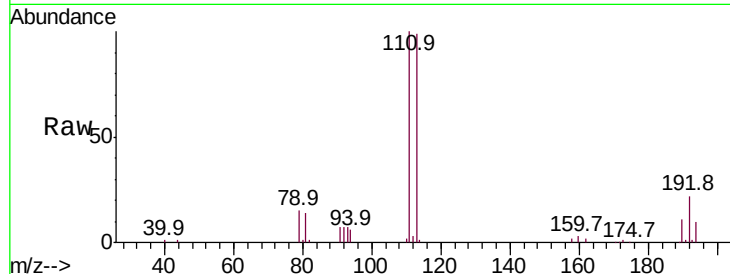
Tot Ion:113 Resp: 138812

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

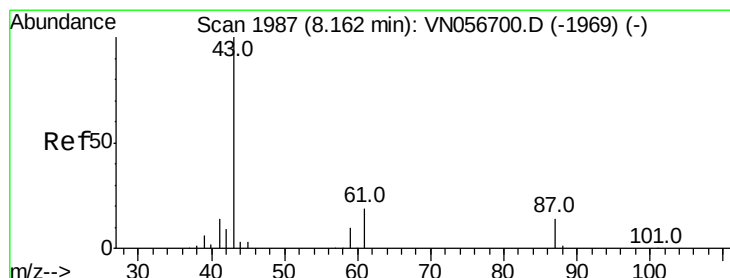
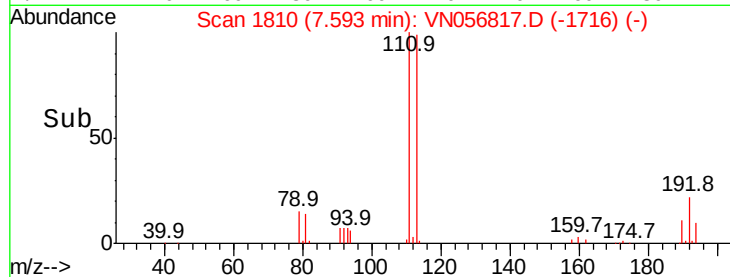
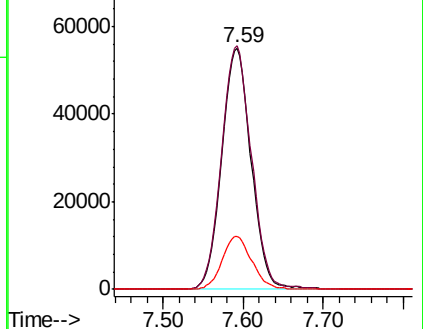
192 22.0 17.5 26.3



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: 2.828 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056817.D

Acq: 18 Jul 2019 17:14

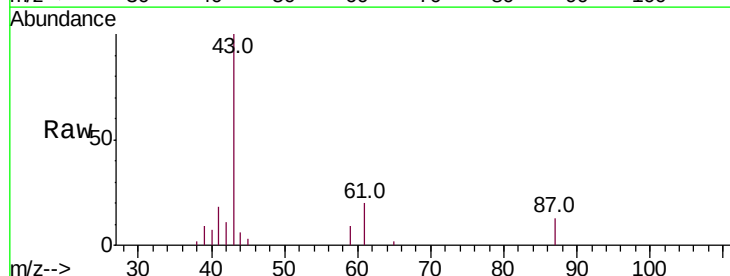
Tgt Ion: 43 Resp: 18994

Ion Ratio Lower Upper

43 100

61 20.1 22.3 33.5#

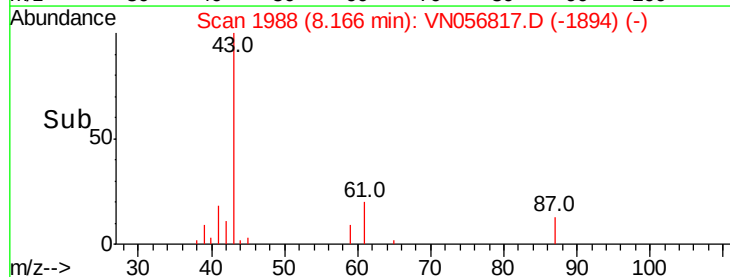
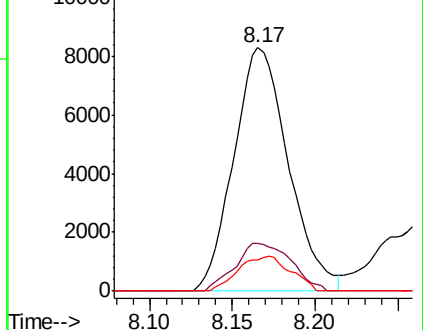
87 13.5 11.1 16.7

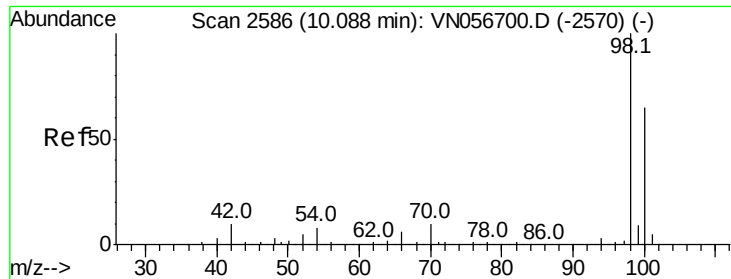


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.801 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056817.D

Acq: 18 Jul 2019 17:14

Instrument :

MSVOA_N

ClientSampleId :

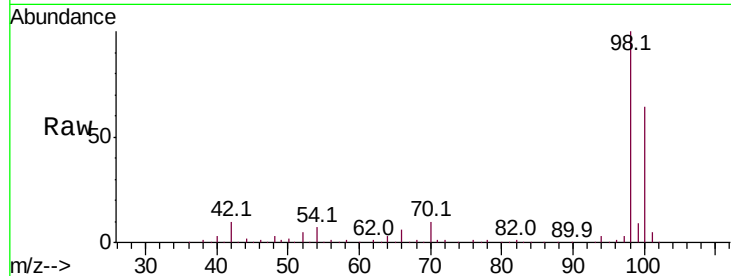
PB121463TB

Tot Ion: 98 Resp: 594442

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

200000

100000

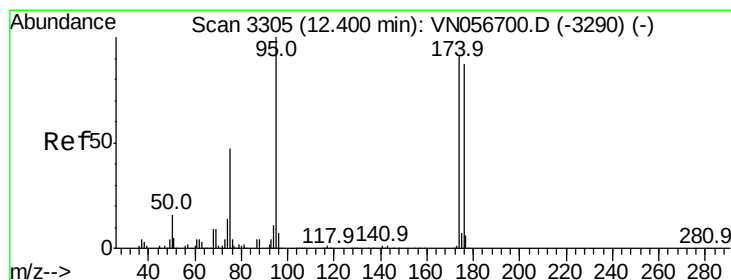
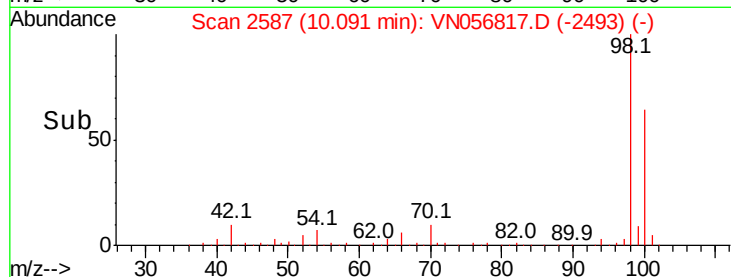
0

Time-->

10.00

10.10

10.20



#62

4-Bromofluorobenzene

Concen: 57.224 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056817.D

Acq: 18 Jul 2019 17:14

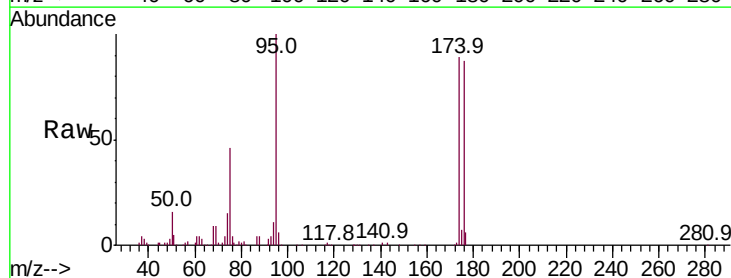
Tgt Ion: 95 Resp: 217259

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 88.5 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

100000

50000

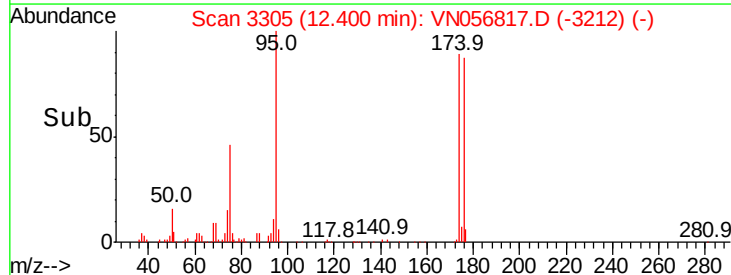
0

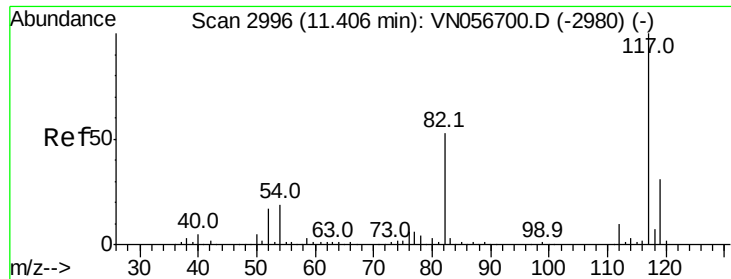
Time-->

12.30

12.40

12.50

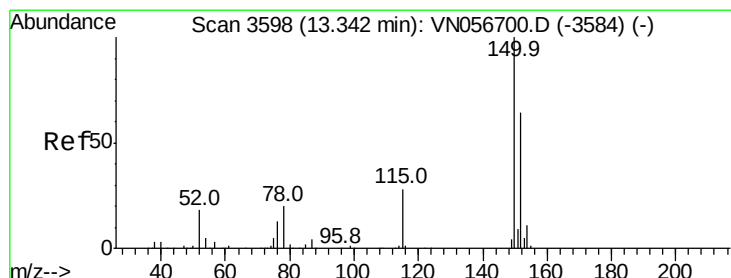
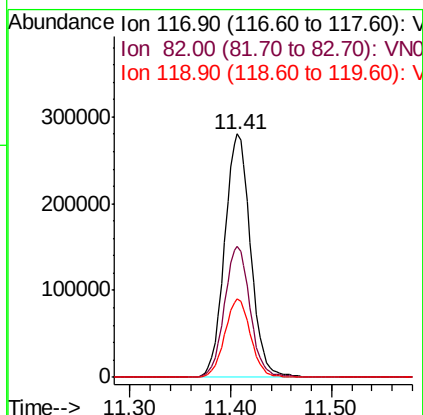
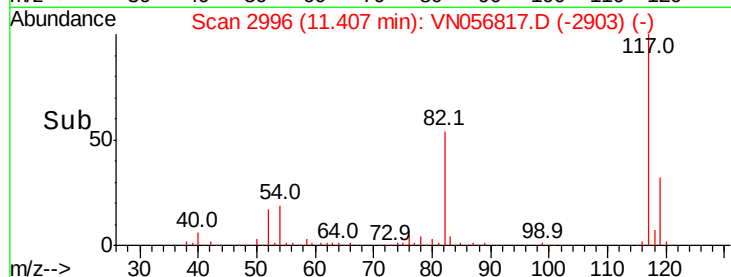
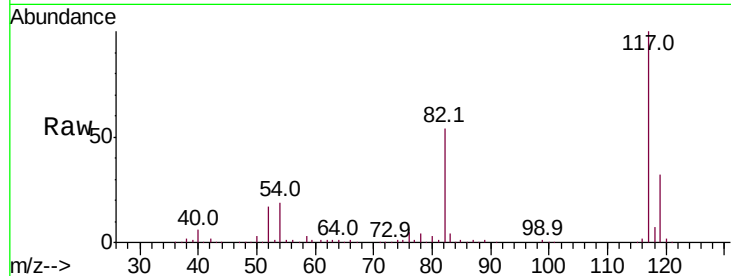




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056817.D
 Acq: 18 Jul 2019 17:14

Instrument :
 MSVOA_N
 ClientSampled :
 PB121463TB

Tot Ion:117 Resp: 503568
 Ion Ratio Lower Upper
 117 100
 82 54.0 42.2 63.2
 119 32.1 25.2 37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN056817.D
 Acq: 18 Jul 2019 17:14

Tgt Ion:152 Resp: 180352
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 157.2 0.0 345.8

