

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056823.D
 Acq On : 19 Jul 2019 11:48
 Operator : JC/SP
 Sample : PB121463ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#09

Quant Time: Jul 19 23:35:08 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

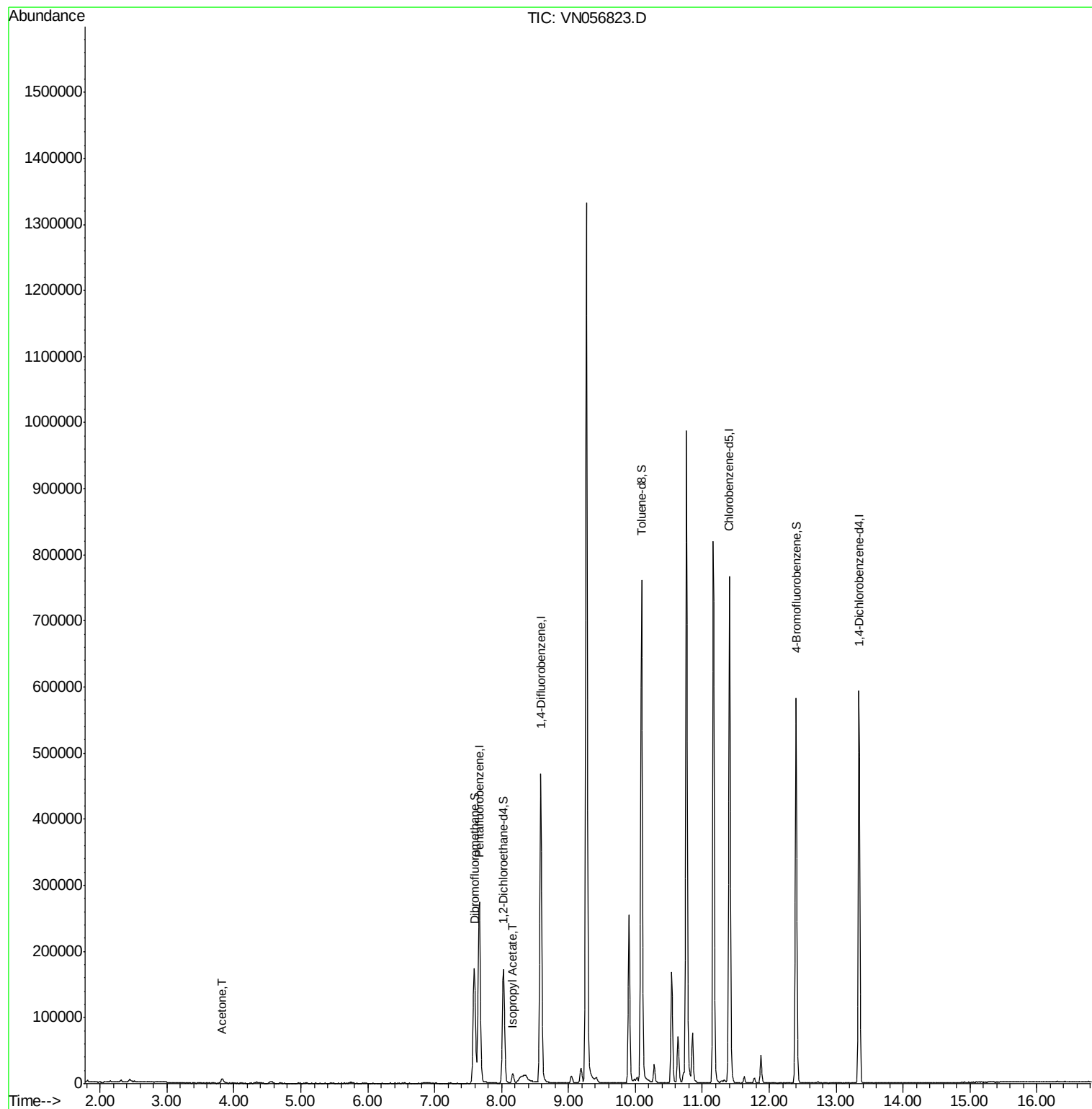
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	244742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	443881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	146198	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
35) Dibromofluoromethane	7.59	113	134956	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	570709	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
62) 4-Bromofluorobenzene	12.40	95	208416	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
Target Compounds						
16) Acetone	3.82	43	12622	10.118	ug/l	98
43) Isopropyl Acetate	8.17	43	18251	2.868	ug/l #	88

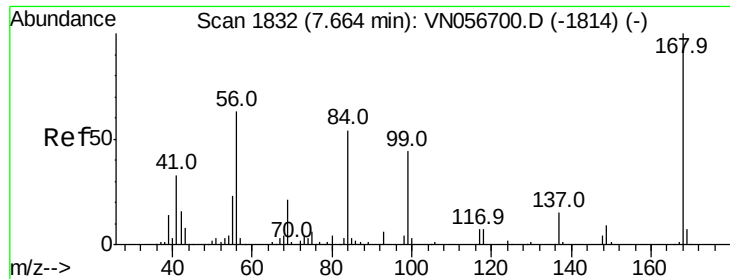
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

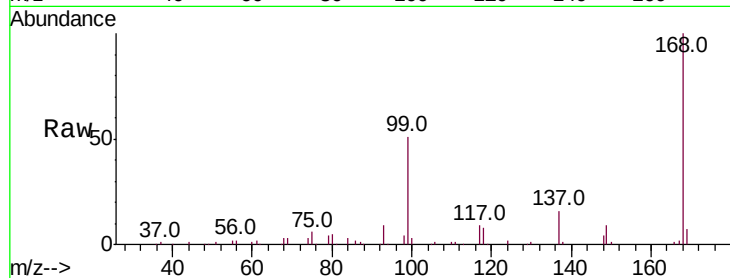
PB121463ZHE#09

Tot Ion:168 Resp: 244742

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

0

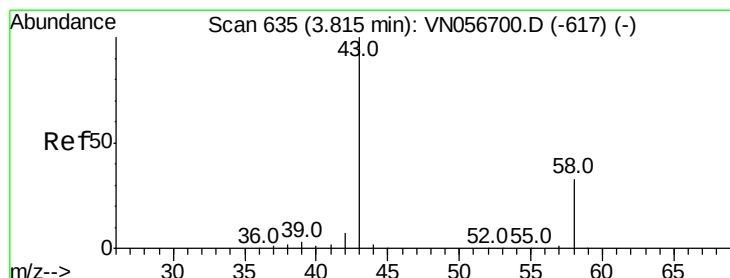
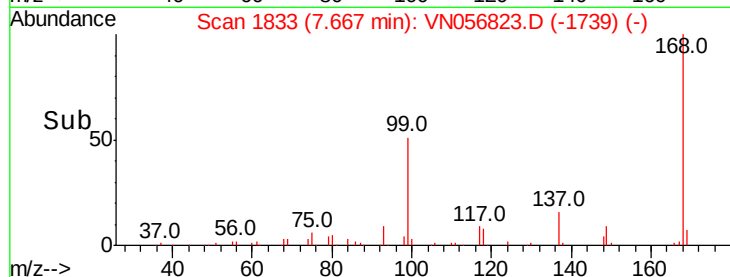
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 10.118 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056823.D

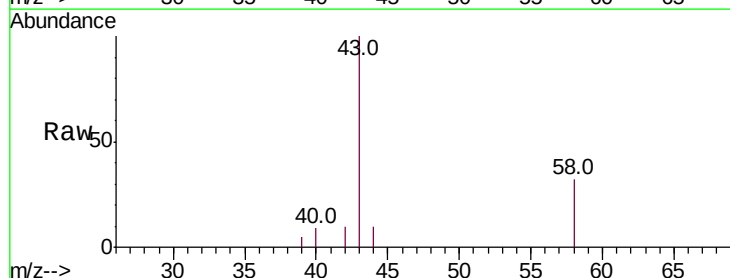
Acq: 19 Jul 2019 11:48

Tgt Ion: 43 Resp: 12622

Ion Ratio Lower Upper

43 100

58 32.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

5000

4000

3000

2000

1000

0

3.82

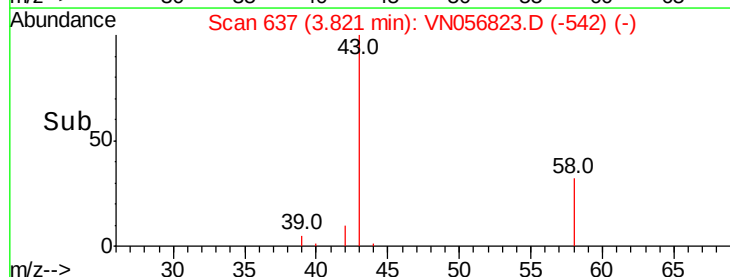
3.75

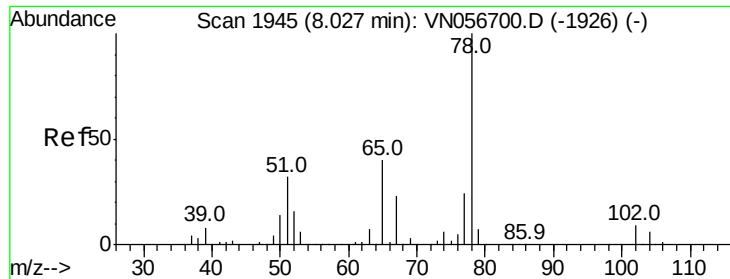
3.80

3.85

3.90

Time-->

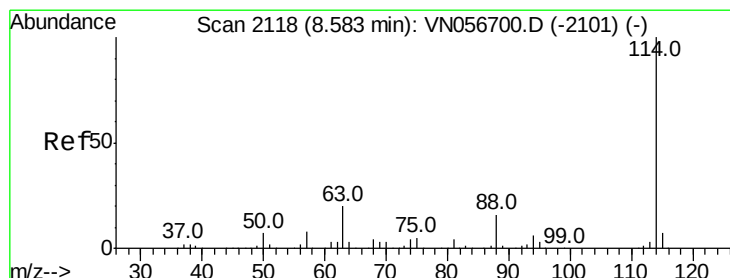
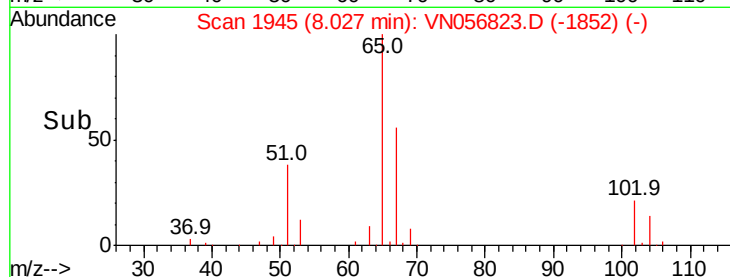
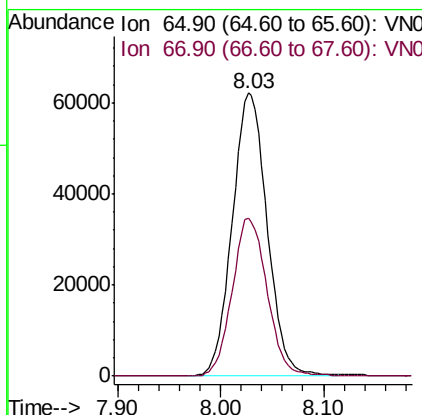
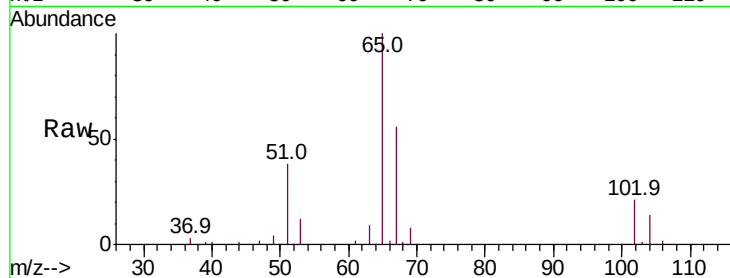




#33
 1,2-Dichloroethane-d4
 Concen: 54.004 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056823.D
 Acq: 19 Jul 2019 11:48

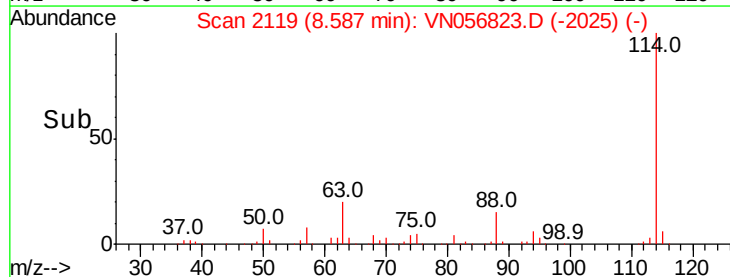
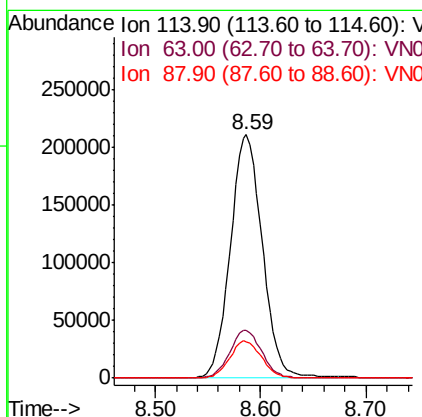
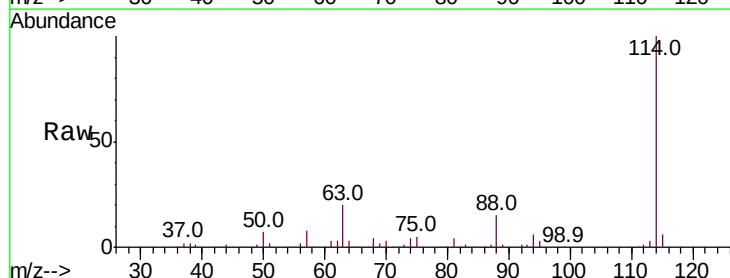
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#09

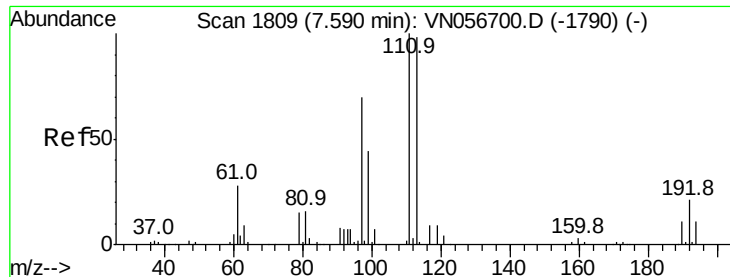
Tot Ion: 65 Resp: 146198
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056823.D
 Acq: 19 Jul 2019 11:48

Tgt Ion: 114 Resp: 443881
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.1 0.0 31.2

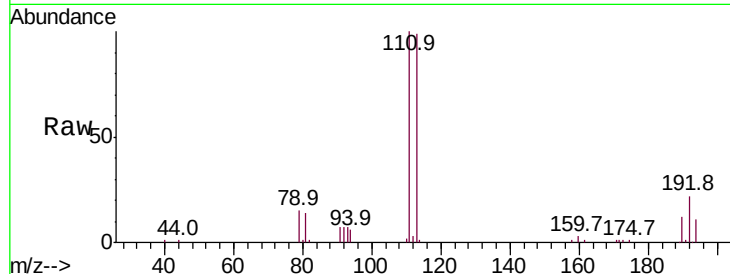




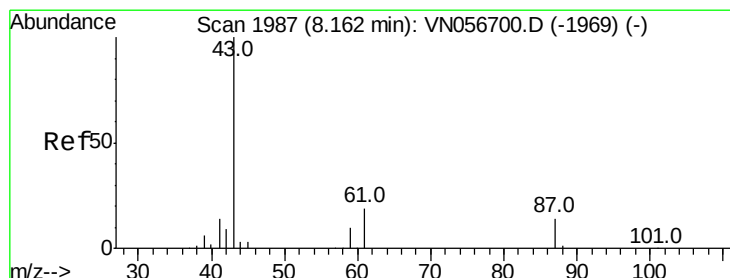
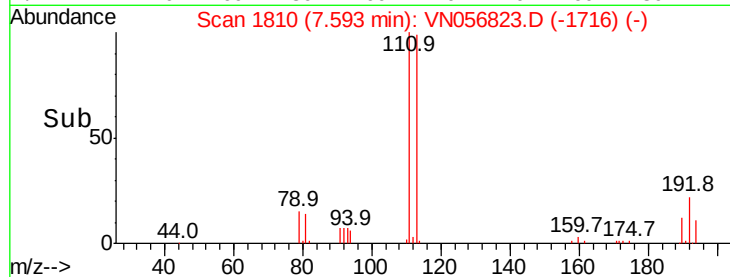
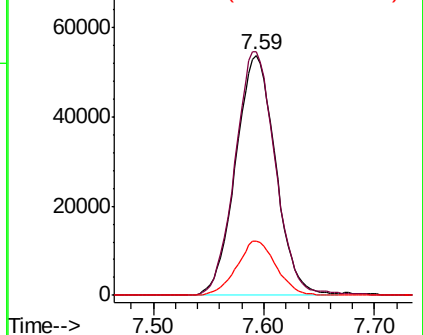
#35
 Dibromofluoromethane
 Concen: 48.855 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056823.D
 Acq: 19 Jul 2019 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#09

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	22.2	17.5	26.3

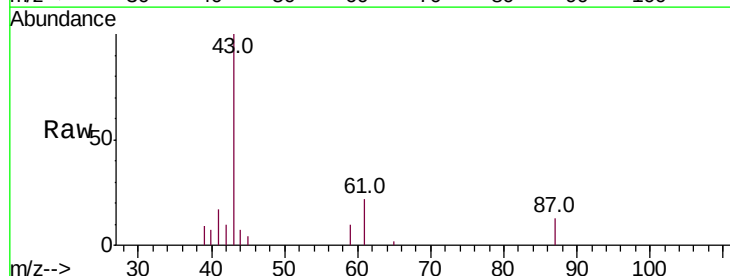


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

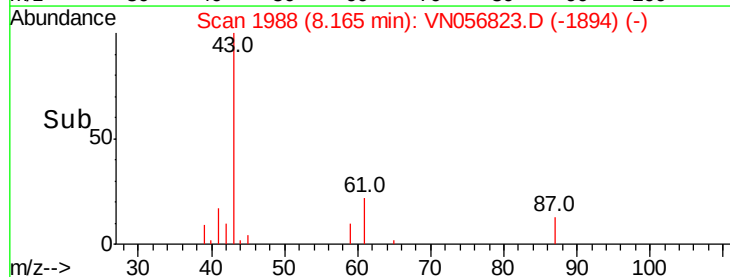
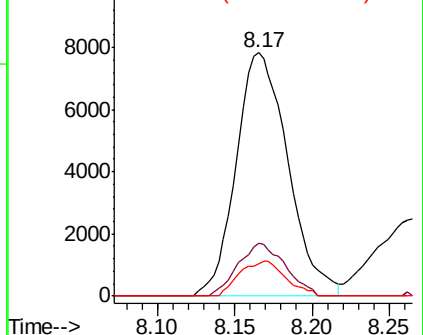


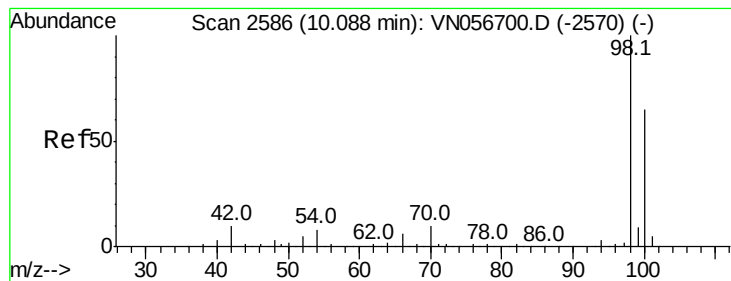
#43
 Isopropyl Acetate
 Concen: 2.868 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056823.D
 Acq: 19 Jul 2019 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	22.3	33.5#
87	12.6	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: 53.493 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

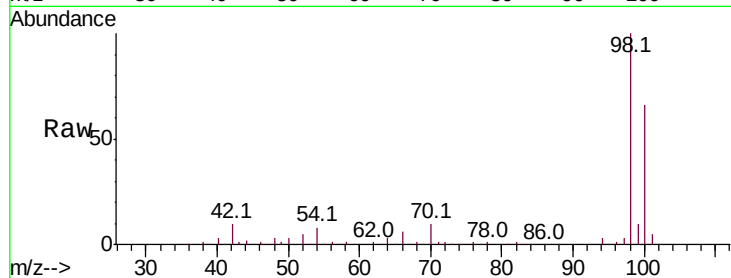
PB121463ZHE#09

Tot Ion: 98 Resp: 570709

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

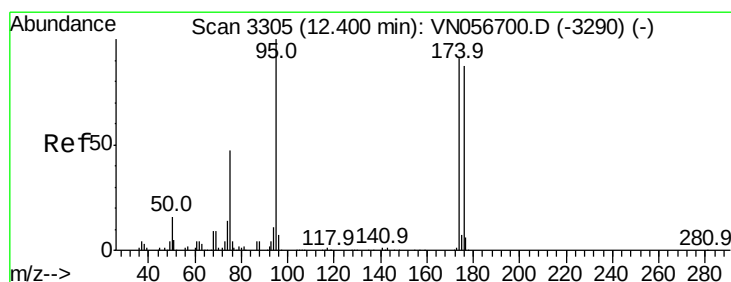
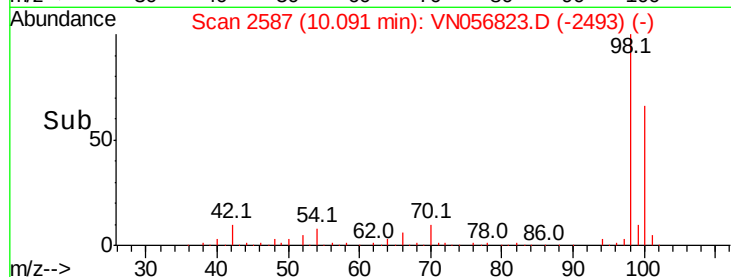
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.927 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056823.D

Acq: 19 Jul 2019 11:48

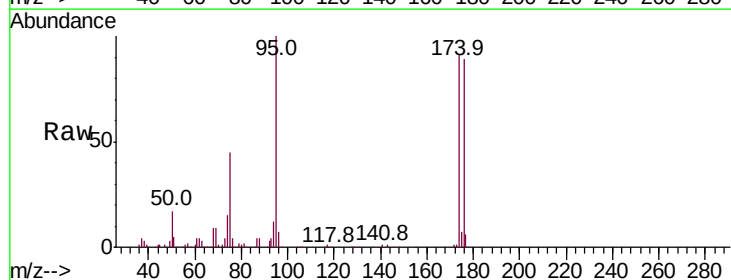
Tgt Ion: 95 Resp: 208416

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

176 88.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

12.40

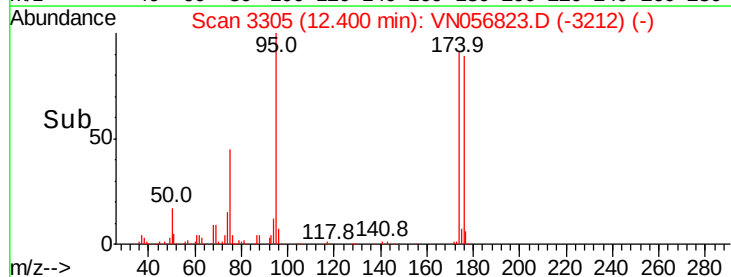
150000

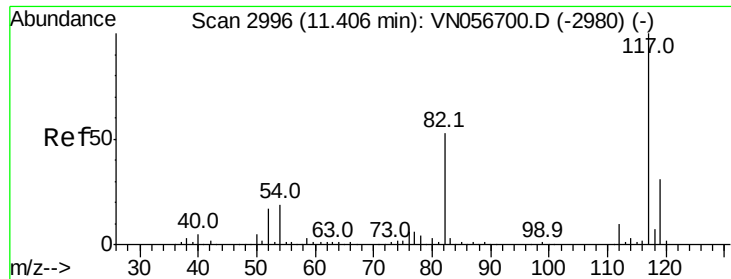
100000

50000

0

Time-->

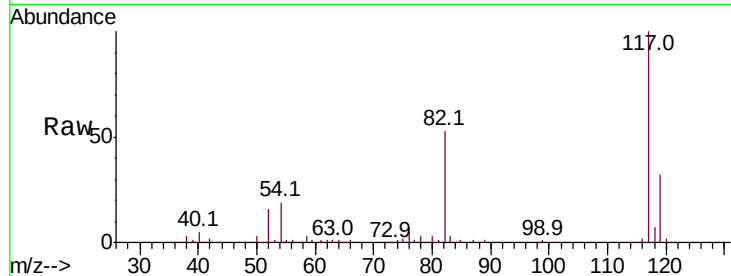




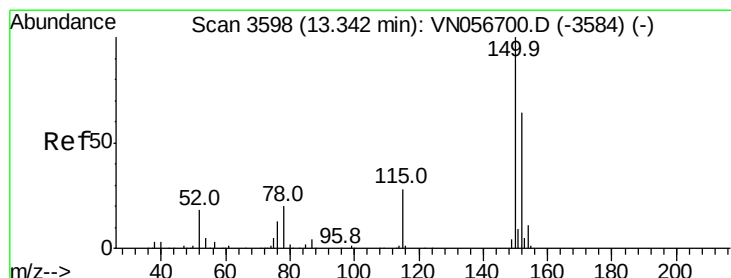
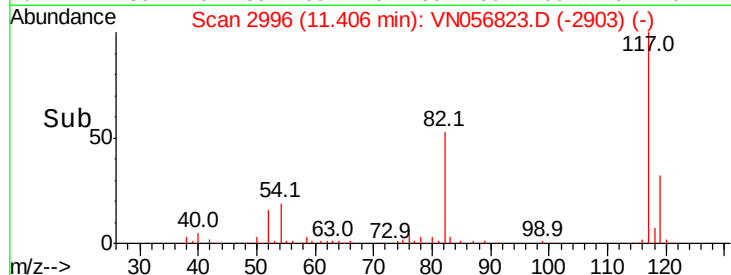
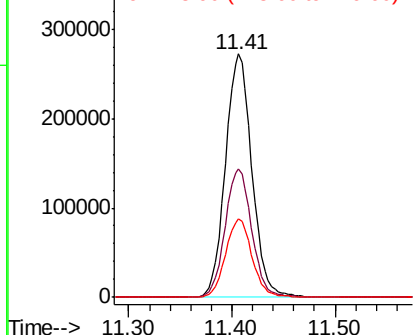
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056823.D
Acq: 19 Jul 2019 11:48

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#09

Tot Ion:117 Resp: 486888
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.1 25.2 37.8

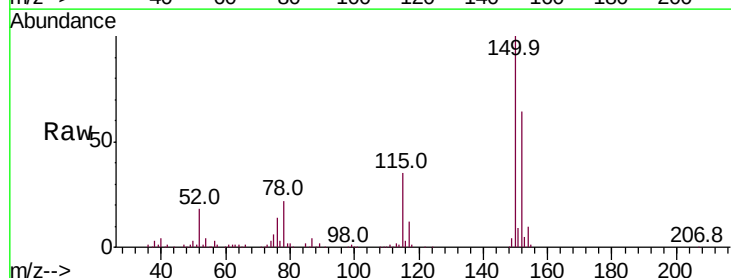


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056823.D
Acq: 19 Jul 2019 11:48

Tgt Ion:152 Resp: 171688
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 156.3 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

