

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056773.D
 Acq On : 16 Jul 2019 16:56
 Operator : JC/SP
 Sample : PB121398ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#10

Quant Time: Jul 17 02:23:40 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

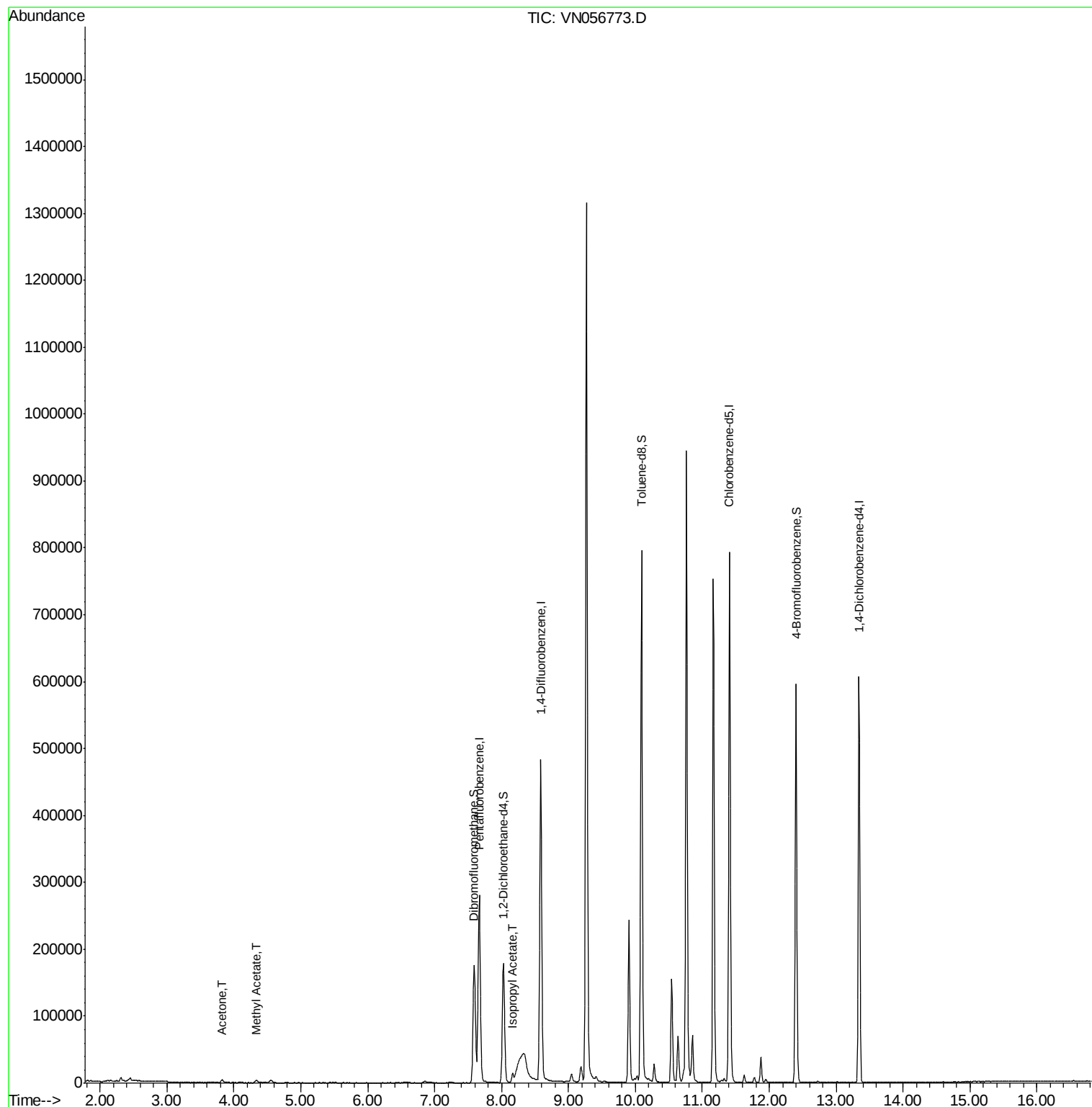
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	255994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	461675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	153516	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	7.59	113	138343	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	10.09	98	589610	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	212378	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
Target Compounds						
16) Acetone	3.82	43	8253	6.325	ug/l	96
18) Methyl Acetate	4.34	43	7117	1.484	ug/l	92
43) Isopropyl Acetate	8.17	43	16476	2.489	ug/l #	92

(#) = 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: VN056773.D

Acq: 16 Jul 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

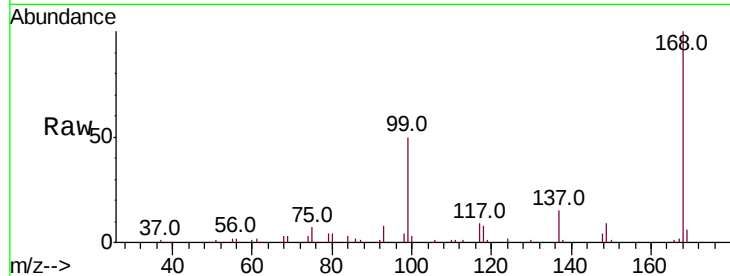
PB121398ZHE#10

Tot Ion:168 Resp: 255994

Ion Ratio Lower Upper

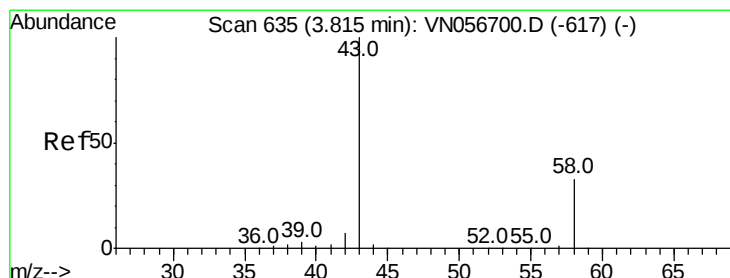
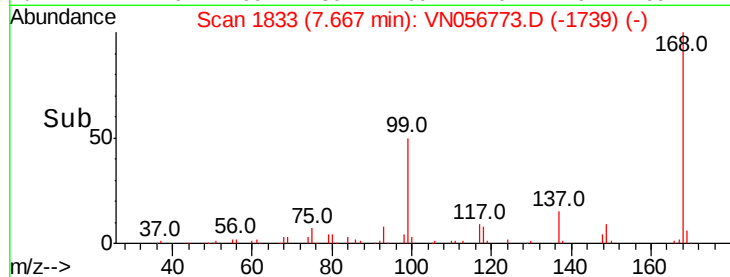
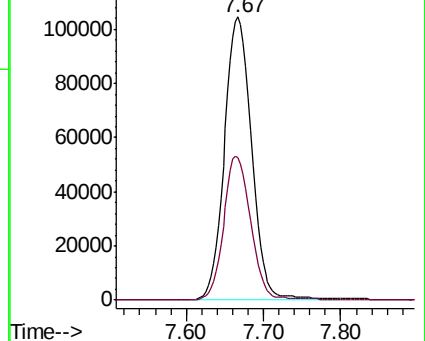
168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.325 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056773.D

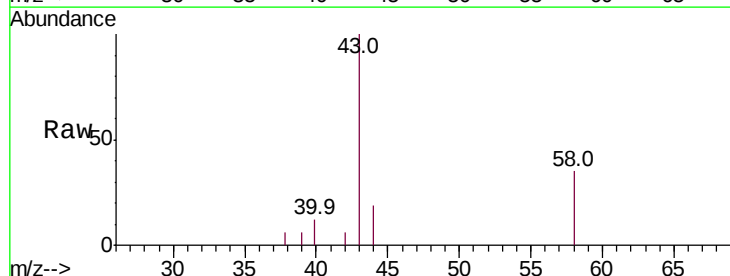
Acq: 16 Jul 2019 16:56

Tgt Ion: 43 Resp: 8253

Ion Ratio Lower Upper

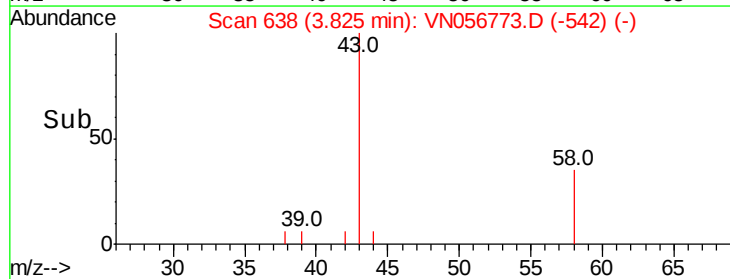
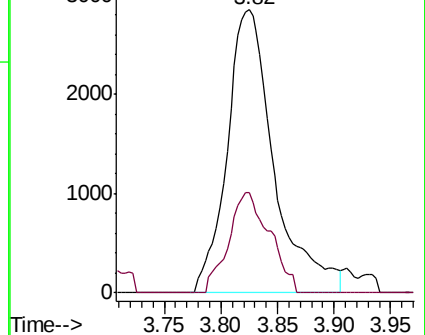
43 100

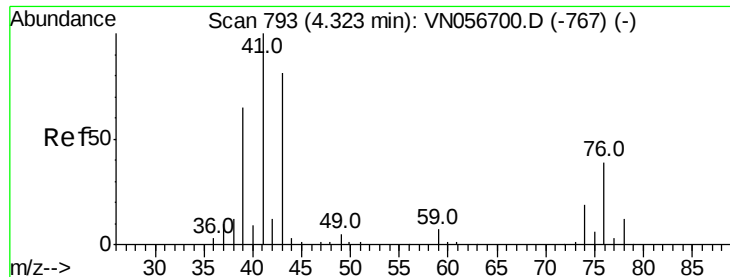
58 35.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

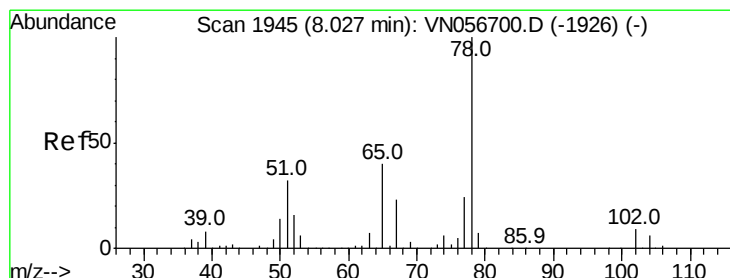
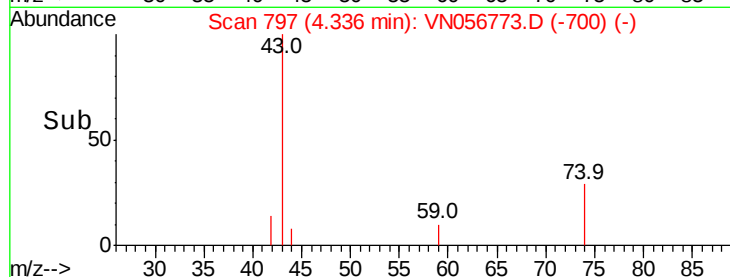
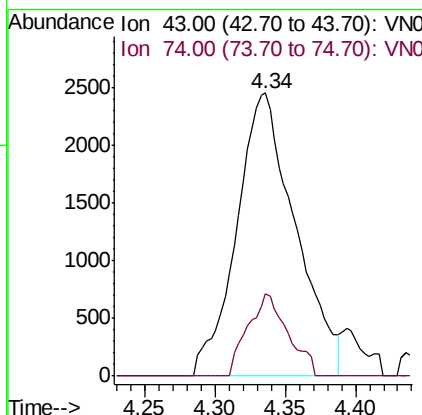
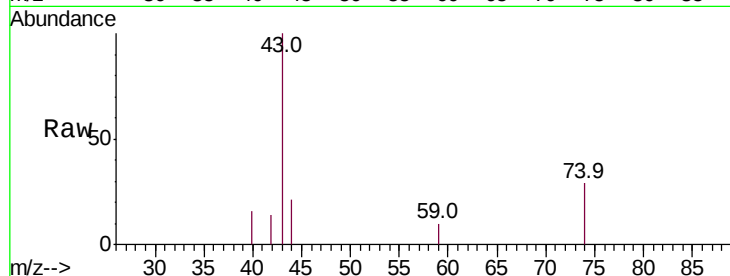




#18
Methyl Acetate
Concen: 1.484 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056773.D
Acq: 16 Jul 2019 16:56

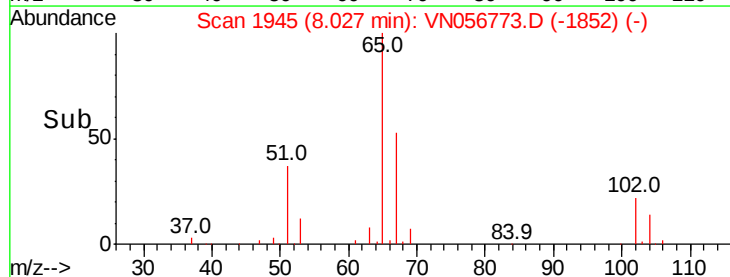
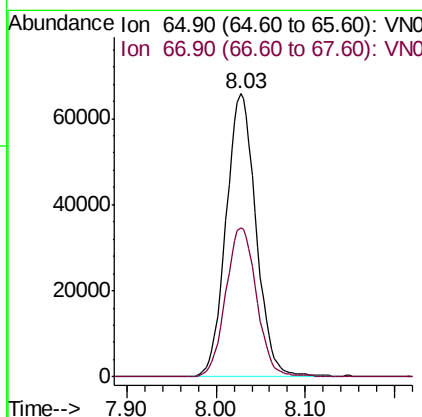
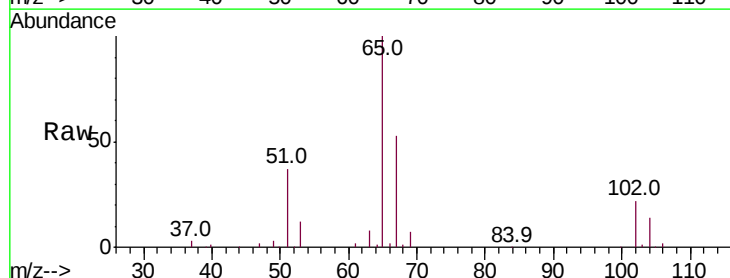
Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#10

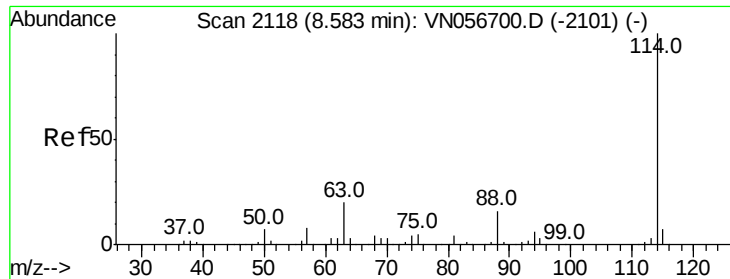
Tot Ion: 43 Resp: 7117
Ion Ratio Lower Upper
43 100
74 19.8 18.9 28.3



#33
1,2-Dichloroethane-d4
Concen: 54.214 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056773.D
Acq: 16 Jul 2019 16:56

Tgt Ion: 65 Resp: 153516
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0

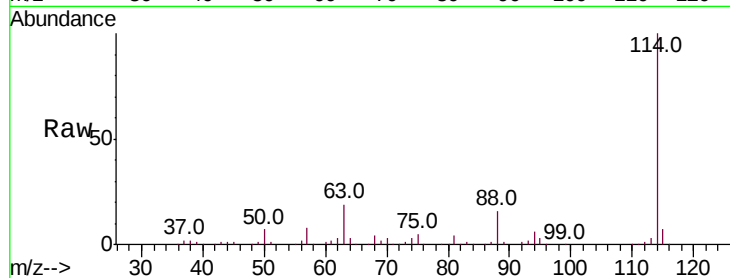




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056773.D
 Acq: 16 Jul 2019 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#10

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	15.5	0.0	31.2

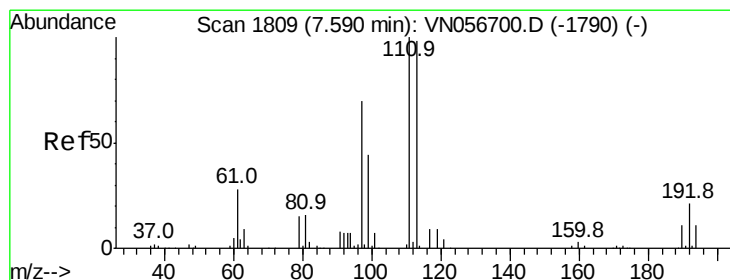
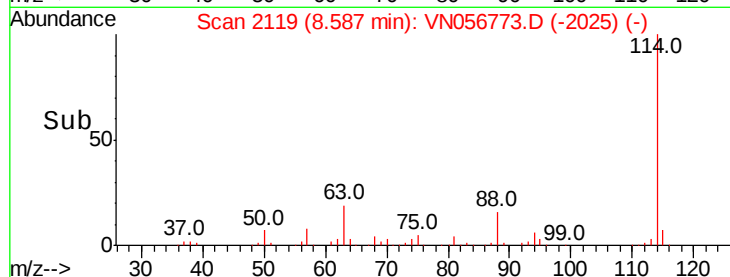
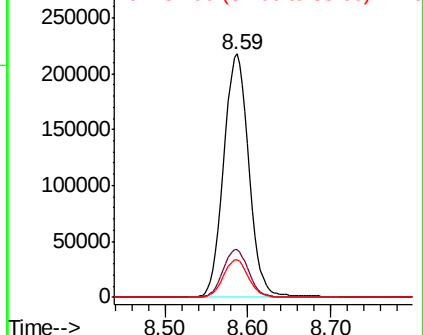


Abundance

Ion 113.90 (113.60 to 114.60): V

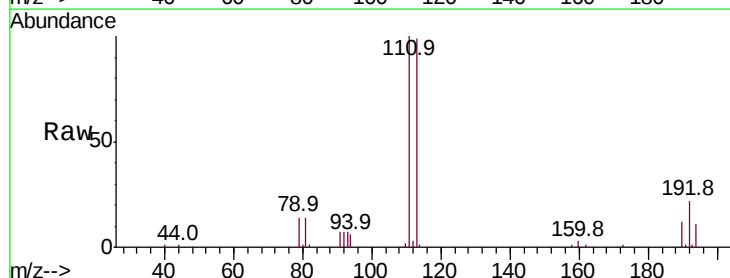
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 48.151 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056773.D
 Acq: 16 Jul 2019 16:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.8	122.6
192	22.6	17.5	26.3

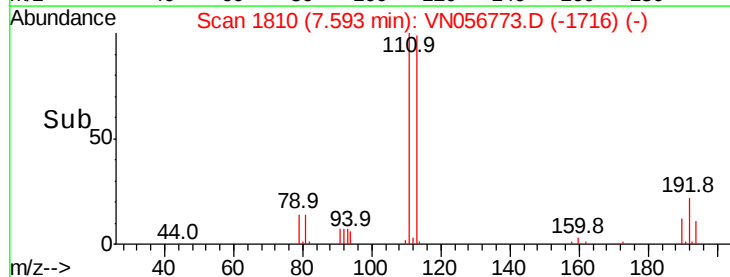
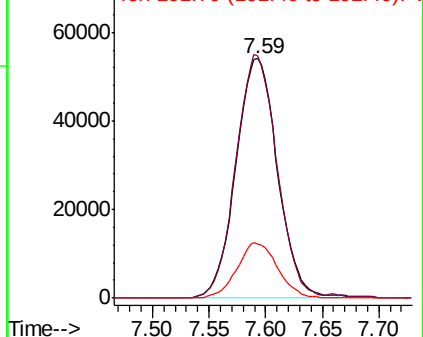


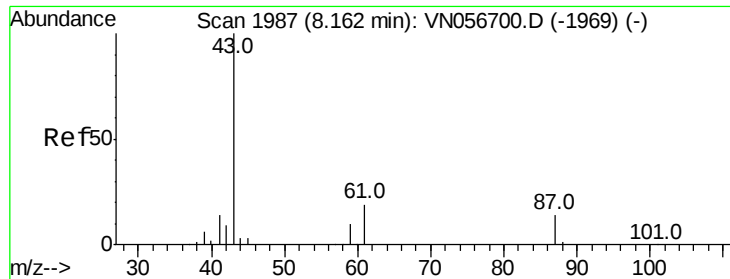
Abundance

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: 2.489 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056773.D

Acq: 16 Jul 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#10

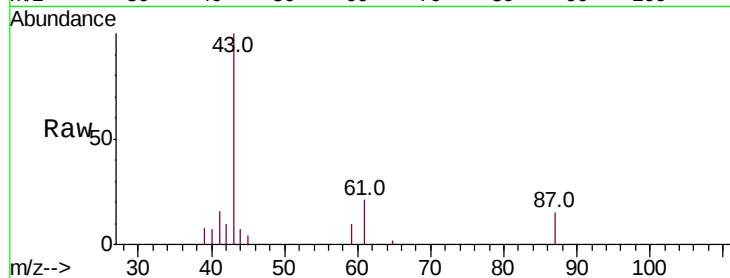
Tot Ion: 43 Resp: 16476

Ion Ratio Lower Upper

43 100

61 22.1 22.3 33.5#

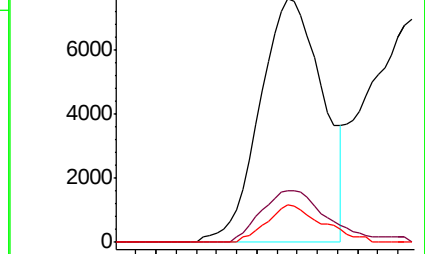
87 13.5 11.1 16.7



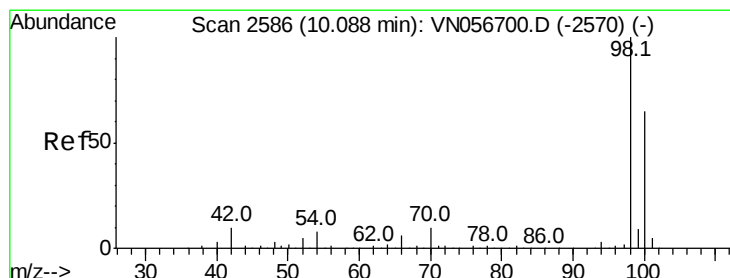
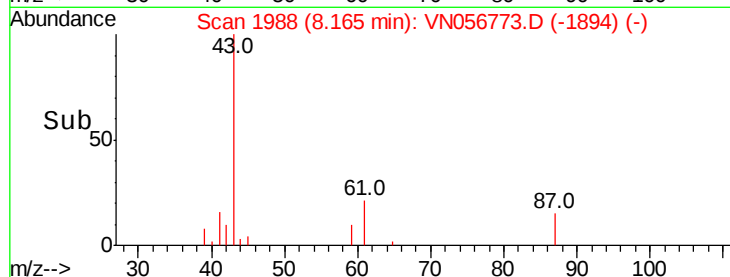
Abundance Ion 43.00 (42.70 to 43.70): VN056773.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056773.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056773.D (-1969) (-)



Time-->



#50

Toluene-d8

Concen: 53.134 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056773.D

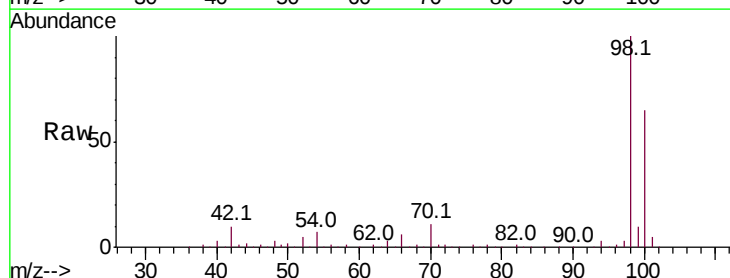
Acq: 16 Jul 2019 16:56

Tgt Ion: 98 Resp: 589610

Ion Ratio Lower Upper

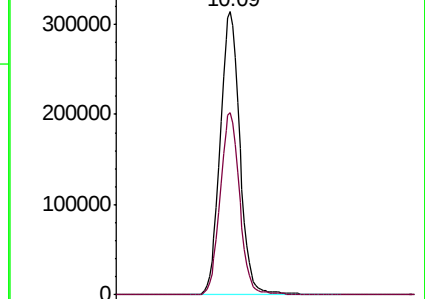
98 100

100 63.8 52.0 78.0

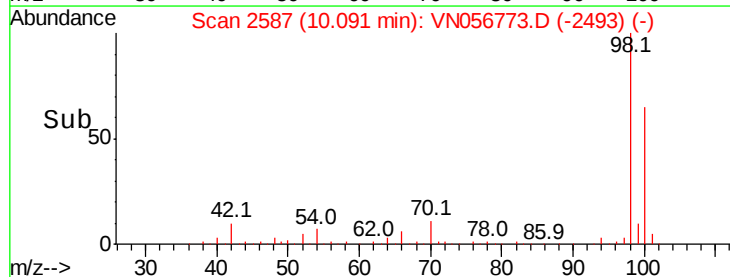


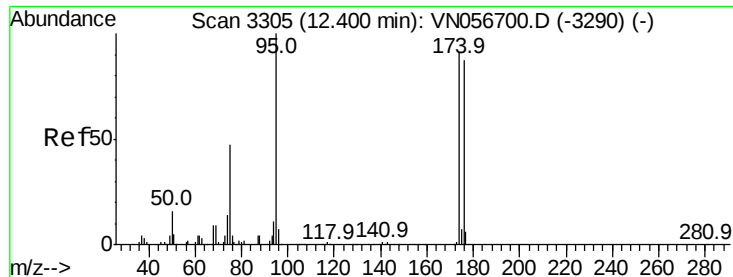
Abundance Ion 98.00 (97.70 to 98.70): VN056773.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN056773.D (-2493) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 56.753 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056773.D

Acq: 16 Jul 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#10

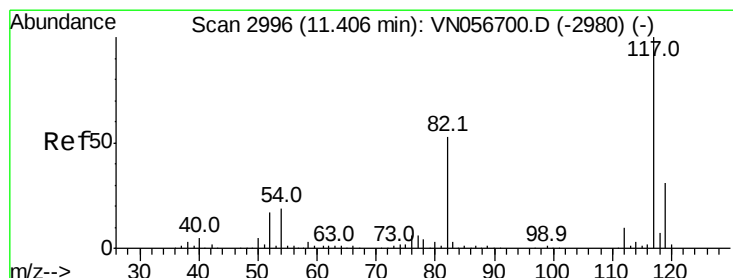
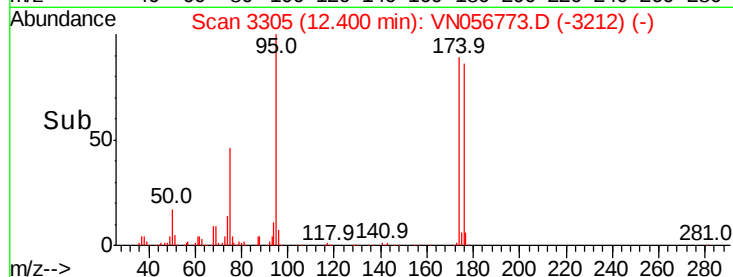
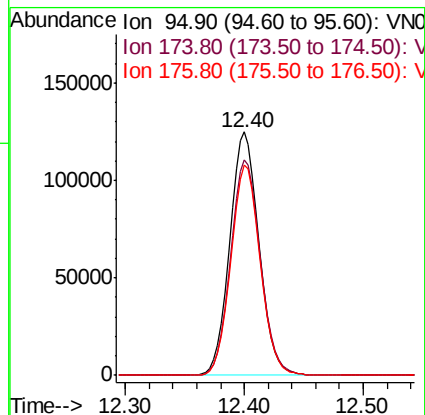
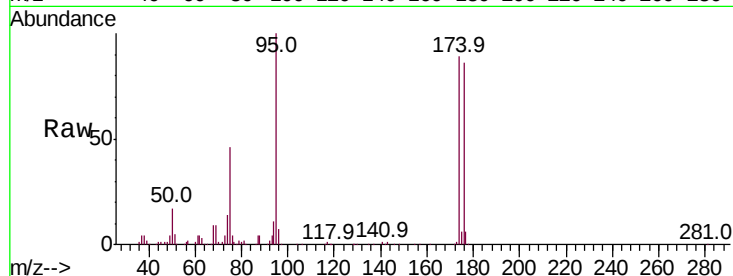
Tot Ion: 95 Resp: 212378

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 86.8 0.0 173.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056773.D

Acq: 16 Jul 2019 16:56

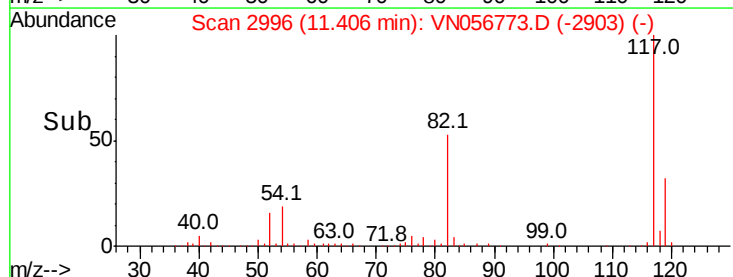
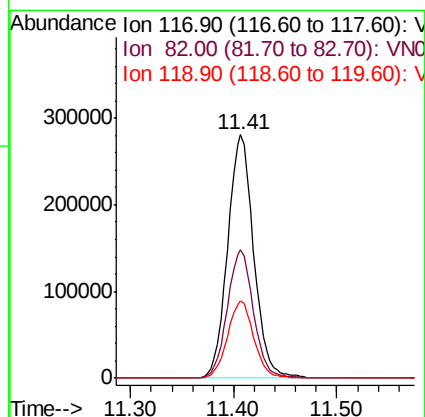
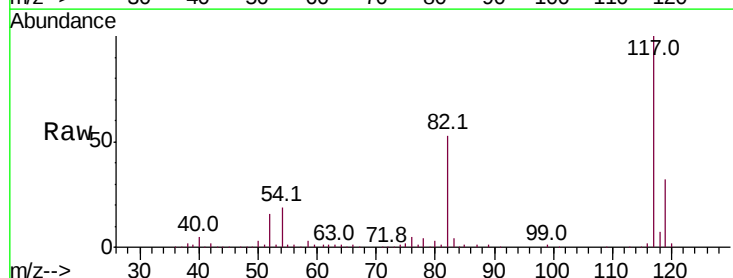
Tgt Ion: 117 Resp: 493331

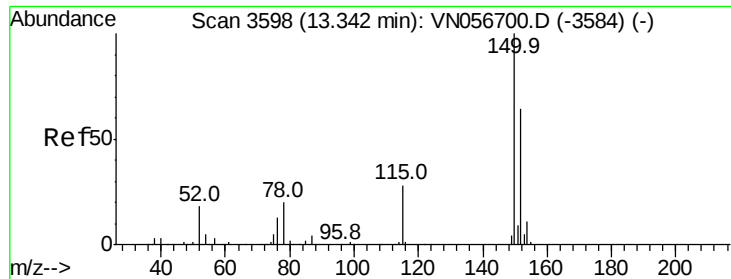
Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.2

119 31.5 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: VN056773.D

Acq: 16 Jul 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#10

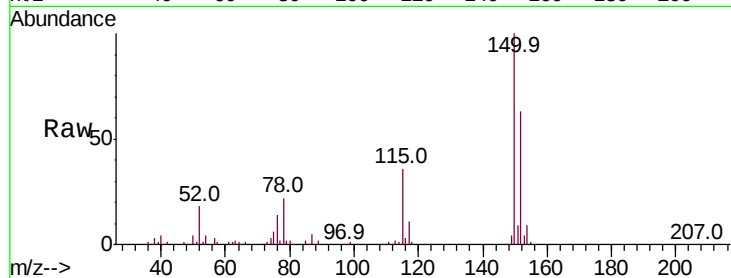
Tot Ion:152 Resp: 176075

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 158.0 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

