

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056715.D
 Acq On : 15 Jul 2019 16:26
 Operator : JC/SP
 Sample : PB121354TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354TB

Quant Time: Jul 16 04:59:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

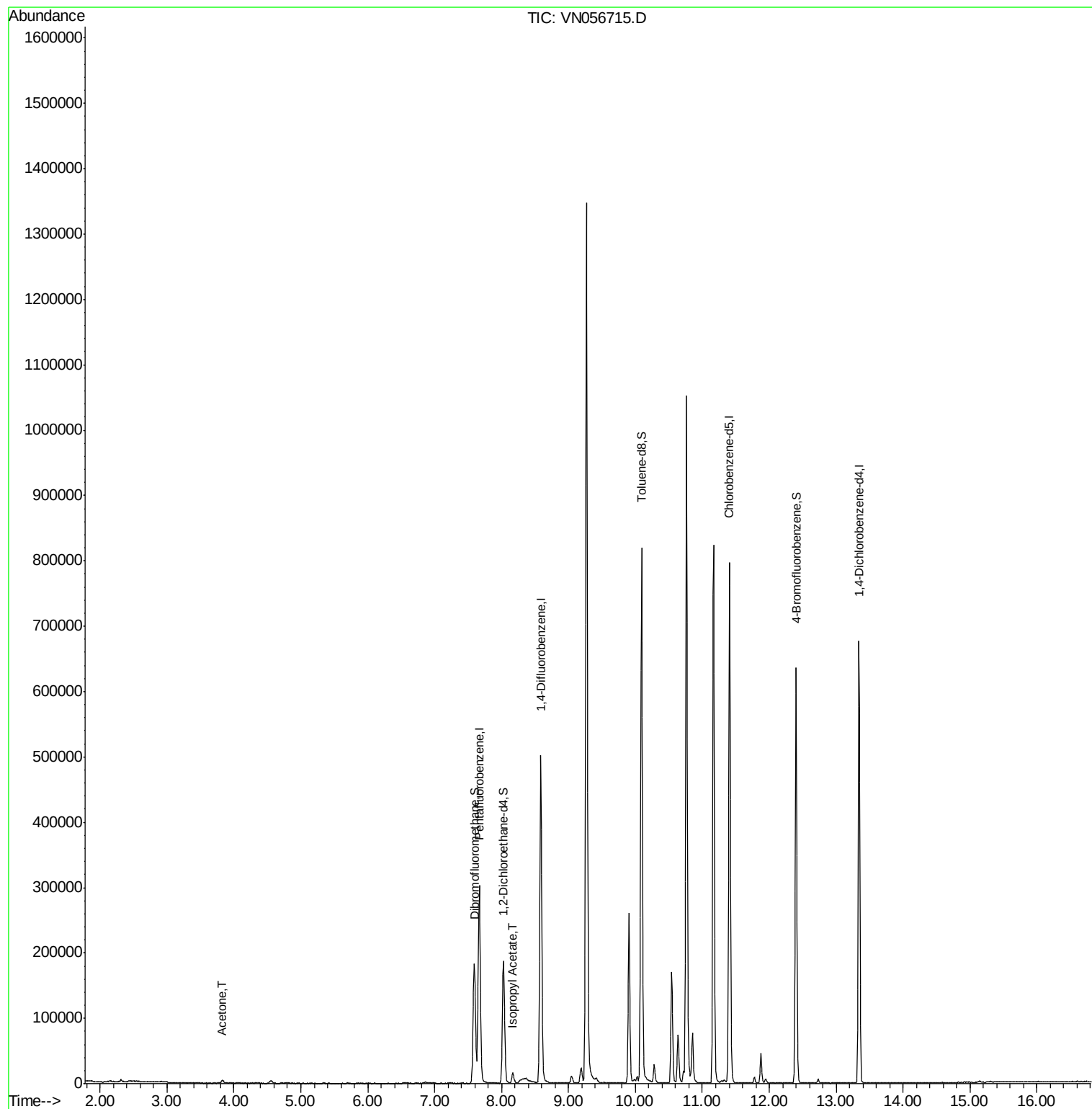
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	270190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	475782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159058	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	142626	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.09	98	604792	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.40	95	225182	58.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.78%	
Target Compounds						
16) Acetone	3.82	43	8509	6.178	ug/l	99
43) Isopropyl Acetate	8.17	43	19262	2.824	ug/l #	88

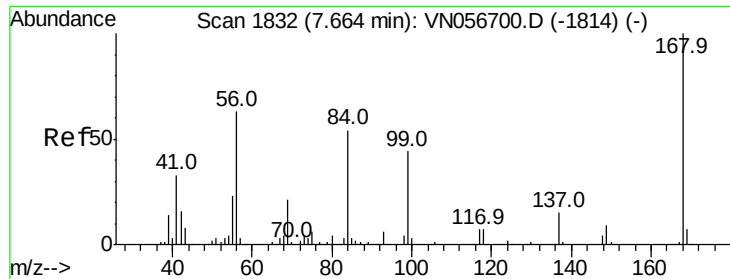
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056715.D

Acq: 15 Jul 2019 16:26

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MSVOA_N

ClientSampleId :

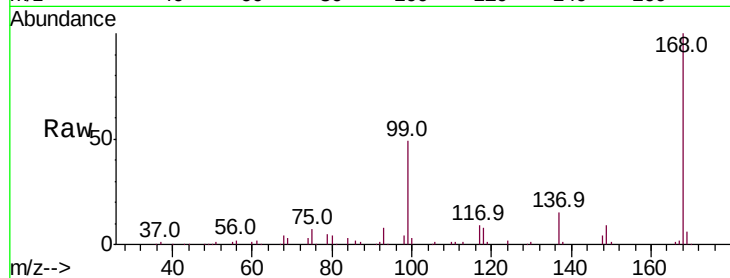
PB121354TB

Tot Ion:168 Resp: 270190

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056715.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056715.D (-1739) (-)

7.67

120000

100000

80000

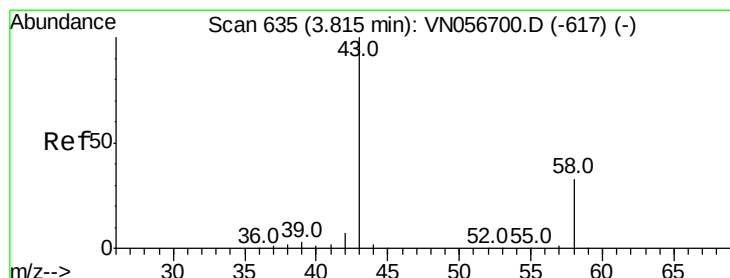
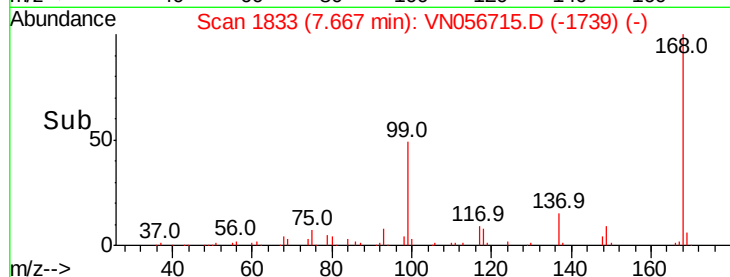
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 6.178 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056715.D

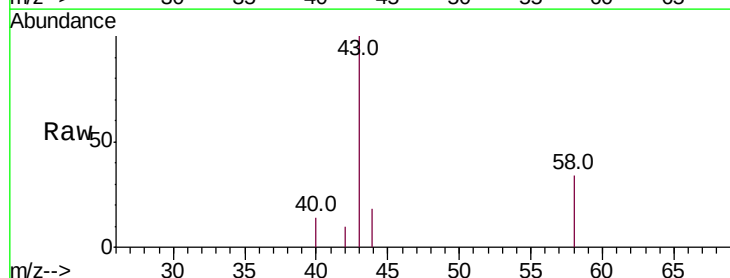
Acq: 15 Jul 2019 16:26

Tgt Ion: 43 Resp: 8509

Ion Ratio Lower Upper

43 100

58 34.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056715.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056715.D (-542) (-)

3.82

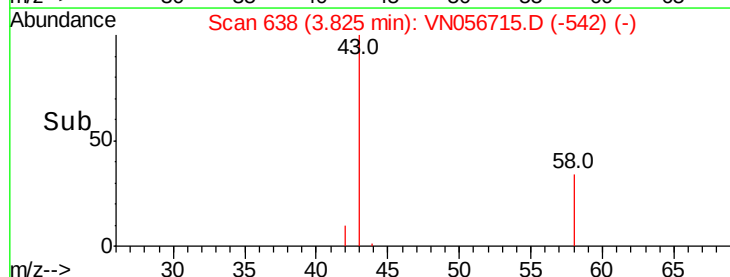
3000

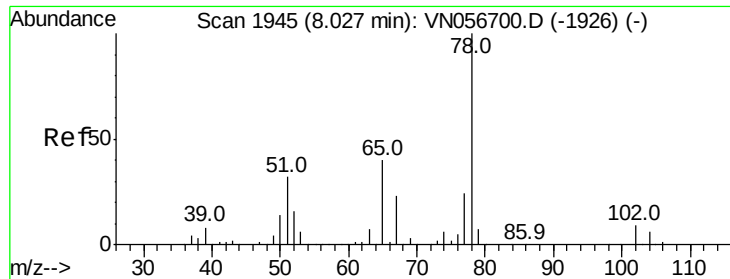
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

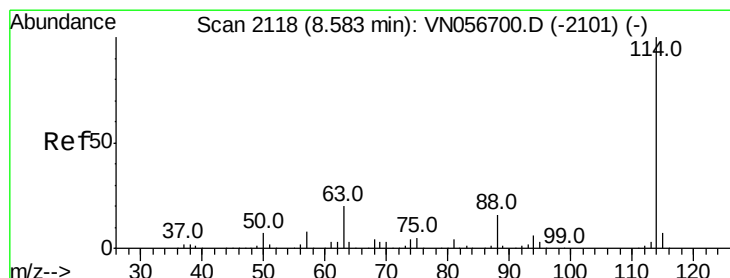
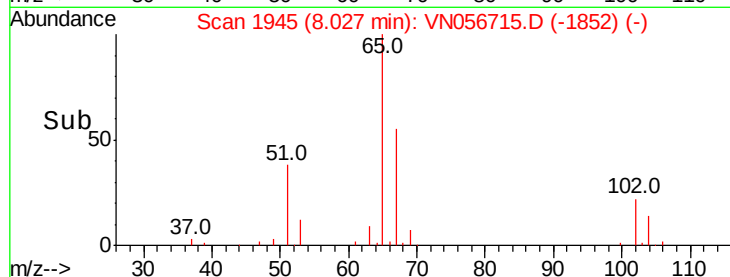
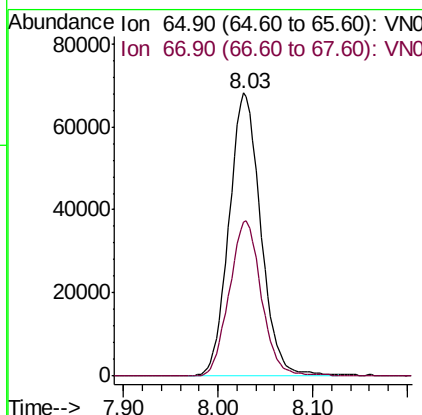
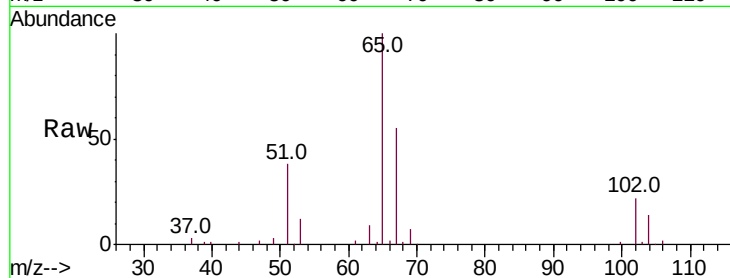




#33
 1,2-Dichloroethane-d4
 Concen: 53.220 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056715.D
 Acq: 15 Jul 2019 16:26

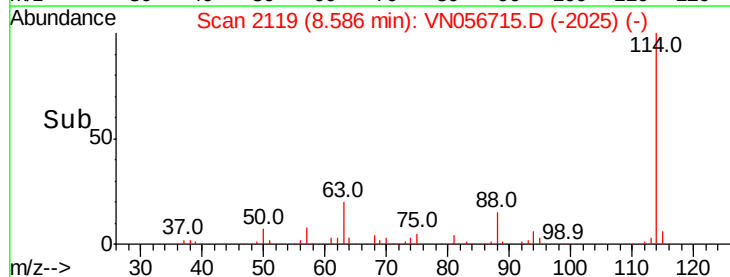
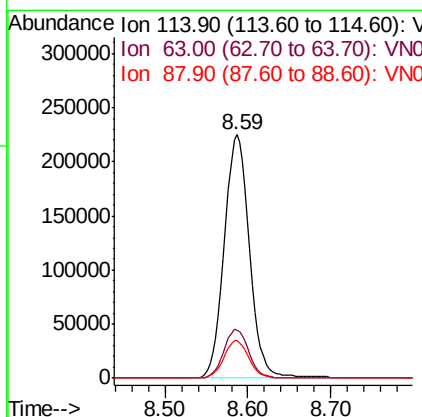
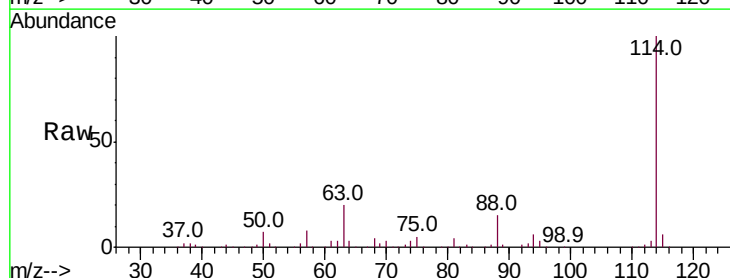
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354TB

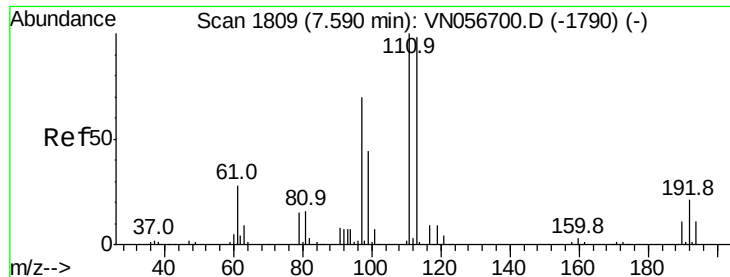
Tot Ion: 65 Resp: 159058
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056715.D
 Acq: 15 Jul 2019 16:26

Tgt Ion: 114 Resp: 475782
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.3 0.0 31.2

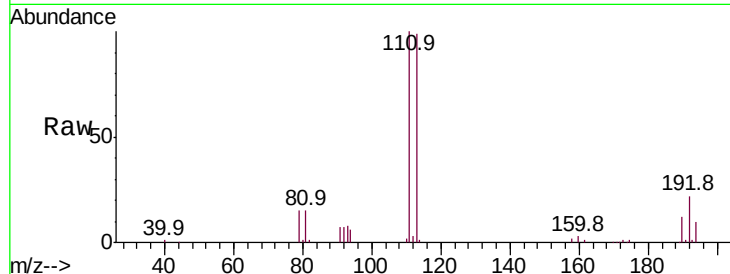




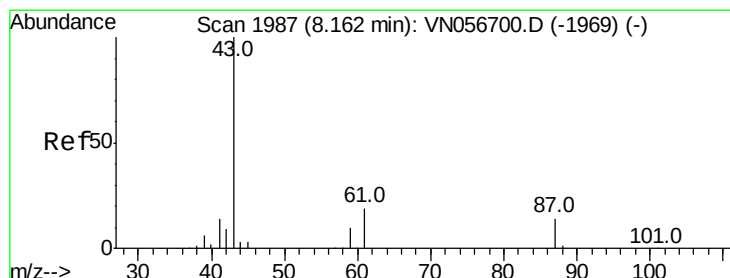
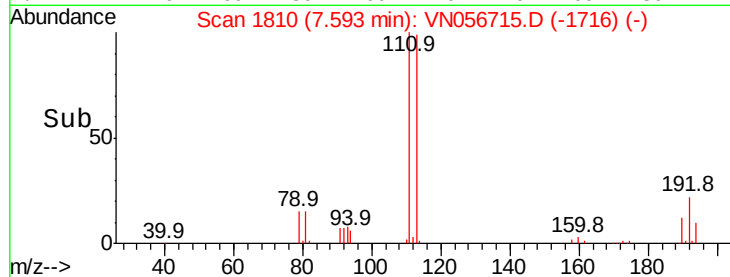
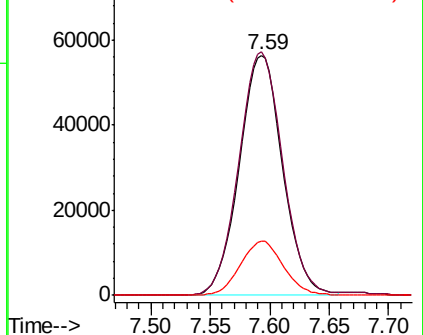
#35
 Dibromofluoromethane
 Concen: 48.170 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056715.D
 Acq: 15 Jul 2019 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354TB

Tot Ion:113 Resp: 142626
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.6
 192 22.6 17.5 26.3

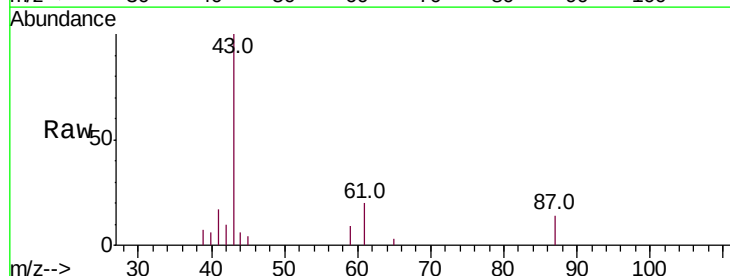


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

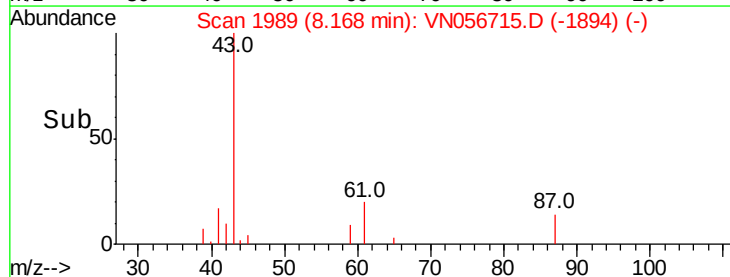
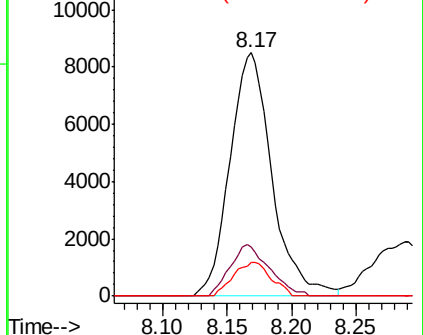


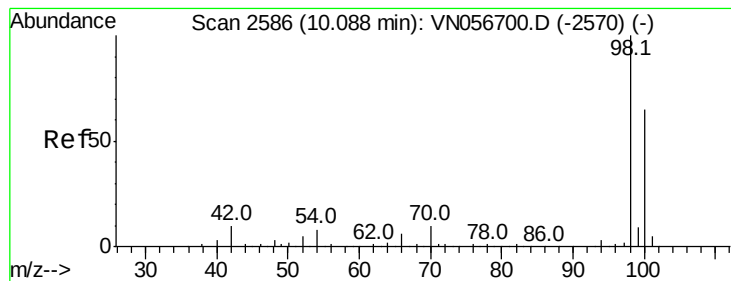
#43
 Isopropyl Acetate
 Concen: 2.824 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN056715.D
 Acq: 15 Jul 2019 16:26

Tgt Ion: 43 Resp: 19262
 Ion Ratio Lower Upper
 43 100
 61 19.8 22.3 33.5#
 87 12.3 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: 52.887 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056715.D

Acq: 15 Jul 2019 16:26

Instrument :

MSVOA_N

ClientSampleId :

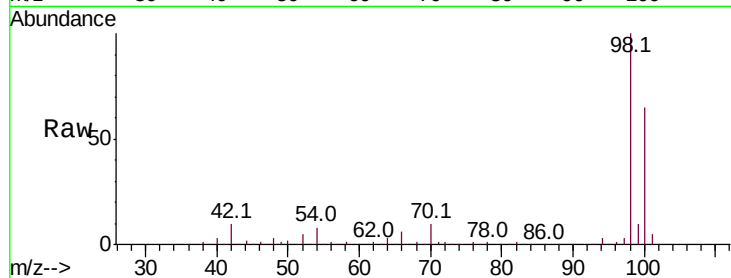
PB121354TB

Tot Ion: 98 Resp: 604792

Ion Ratio Lower Upper

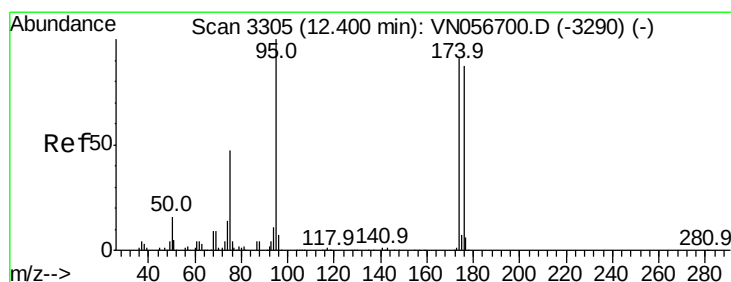
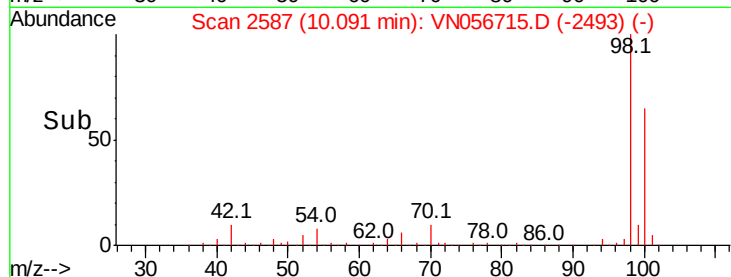
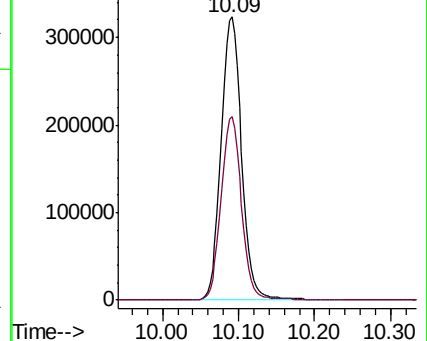
98 100

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



#62

4-Bromofluorobenzene

Concen: 58.391 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056715.D

Acq: 15 Jul 2019 16:26

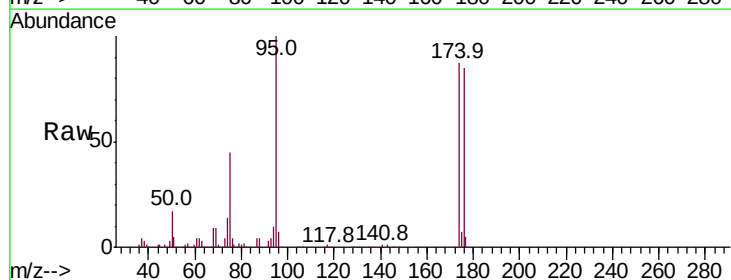
Tgt Ion: 95 Resp: 225182

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.0

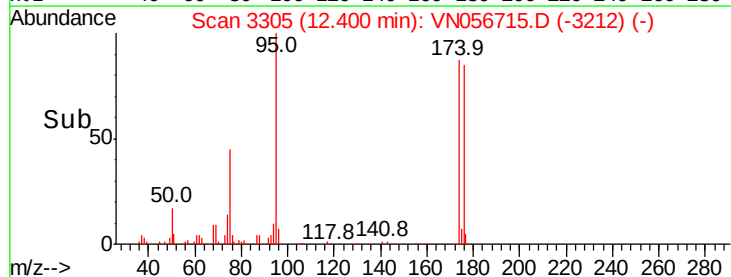
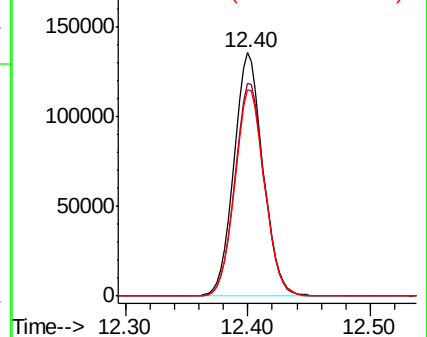
176 86.2 0.0 173.2

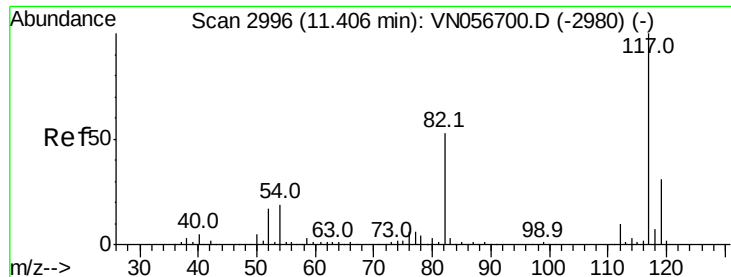


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

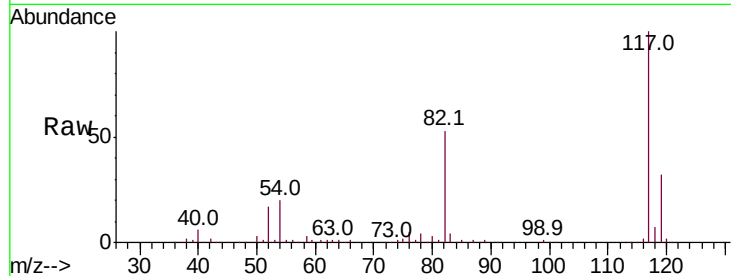




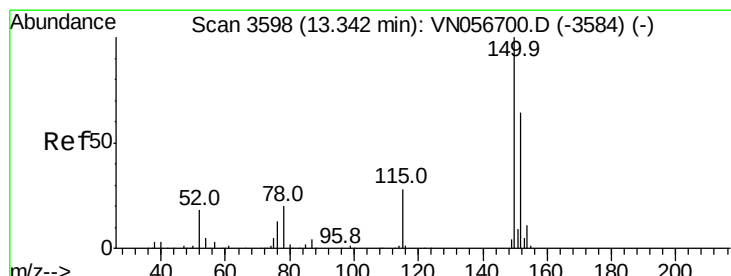
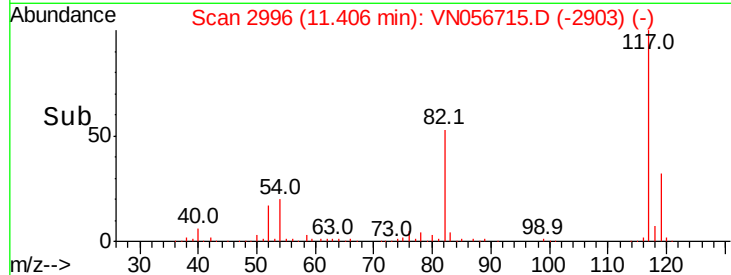
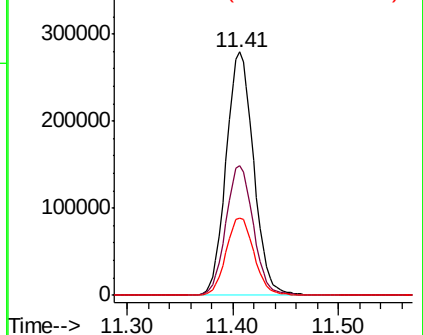
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056715.D
Acq: 15 Jul 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
PB121354TB

Tot Ion:117 Resp: 504305
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.0 25.2 37.8

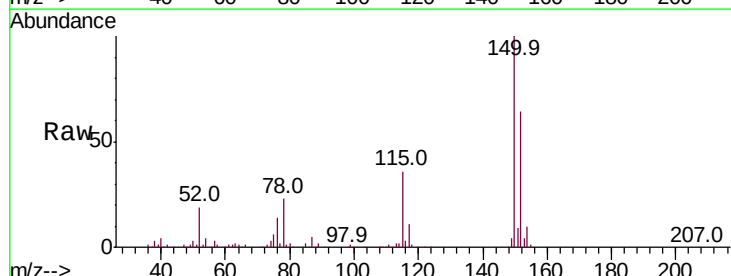


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056715.D
Acq: 15 Jul 2019 16:26

Tgt Ion:152 Resp: 197661
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 156.7 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

