

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056824.D
 Acq On : 19 Jul 2019 12:11
 Operator : JC/SP
 Sample : PB121463ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#10

Quant Time: Jul 19 23:36:41 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

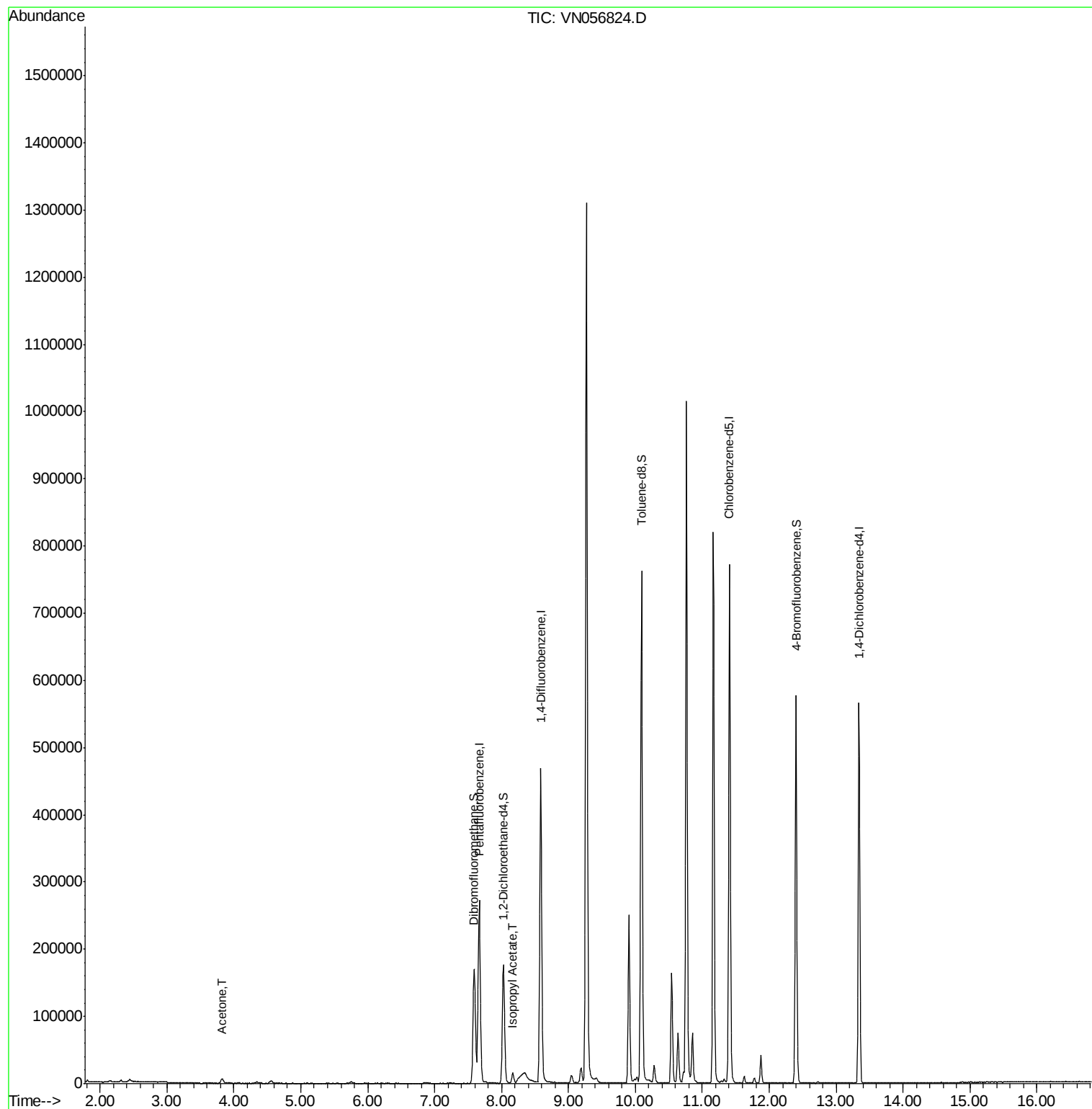
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	246709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	446637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	148304	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
35) Dibromofluoromethane	7.59	113	134689	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	572874	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.40	95	201897	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
Target Compounds						
16) Acetone	3.82	43	12566	9.992	ug/l	99
43) Isopropyl Acetate	8.17	43	17952	2.803	ug/l #	91

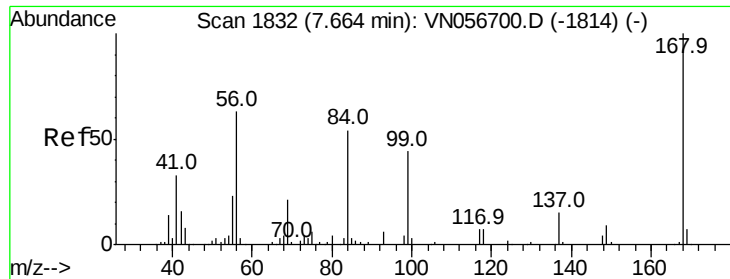
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 07:03:34 2019
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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: VN056824.D

Acq: 19 Jul 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

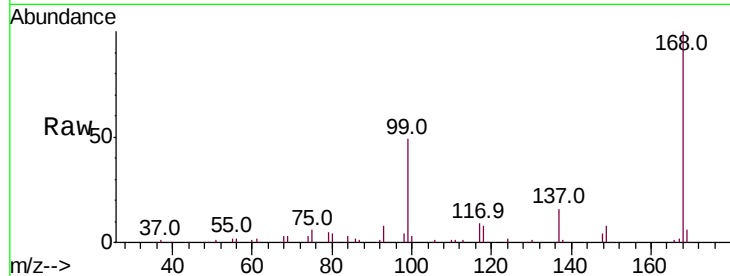
PB121463ZHE#10

Tot Ion:168 Resp: 246709

Ion Ratio Lower Upper

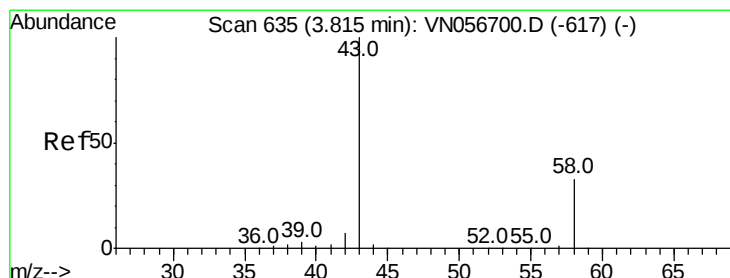
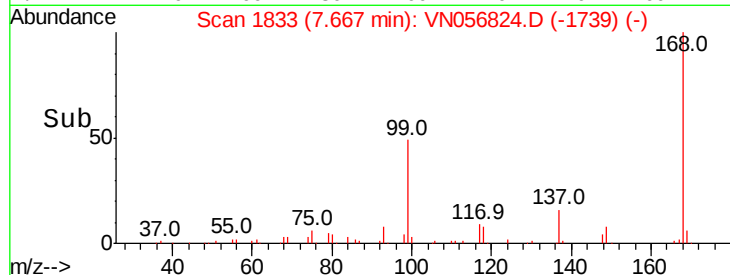
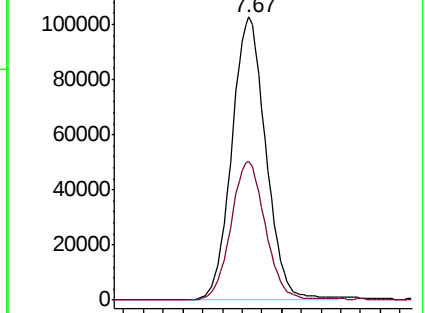
168 100

99 49.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 9.992 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056824.D

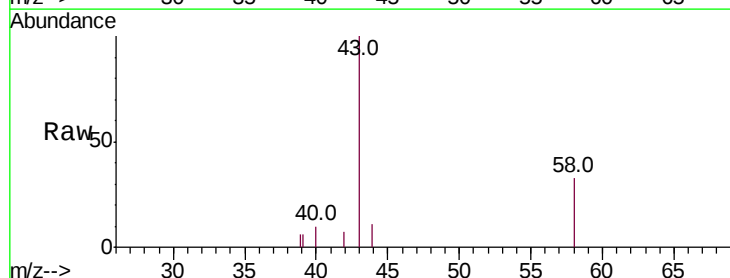
Acq: 19 Jul 2019 12:11

Tgt Ion: 43 Resp: 12566

Ion Ratio Lower Upper

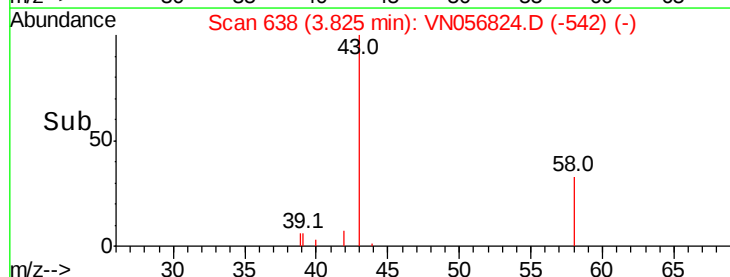
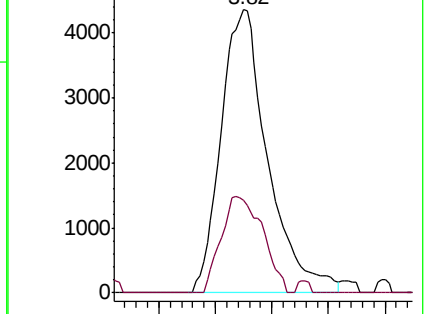
43 100

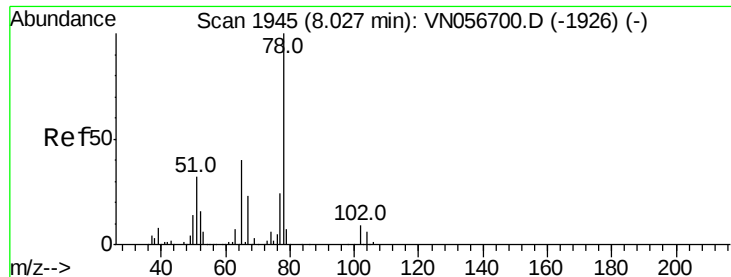
58 32.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#33

1,2-Dichloroethane-d4

Concen: 54.345 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056824.D

Acq: 19 Jul 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

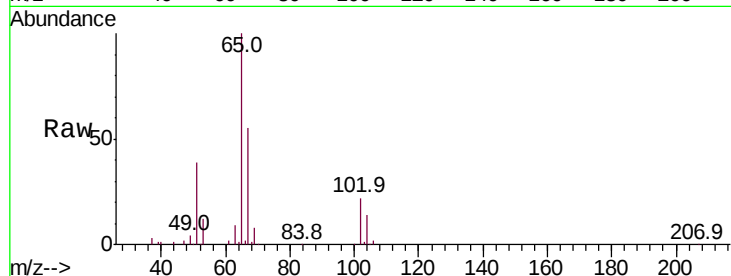
PB121463ZHE#10

Tot Ion: 65 Resp: 148304

Ion Ratio Lower Upper

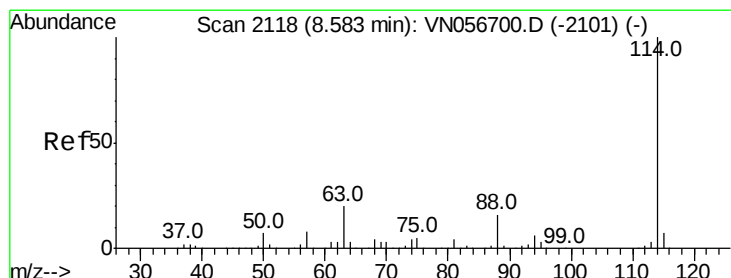
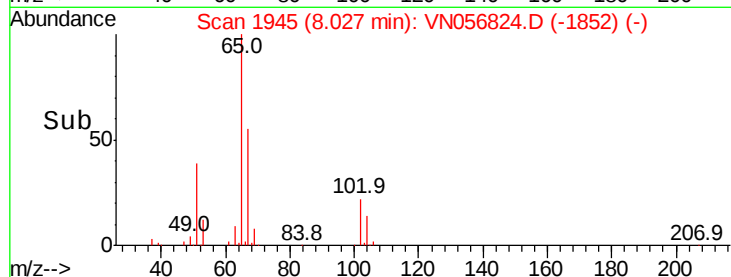
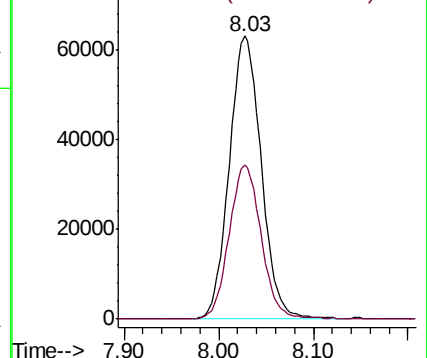
65 100

67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056824.D

Acq: 19 Jul 2019 12:11

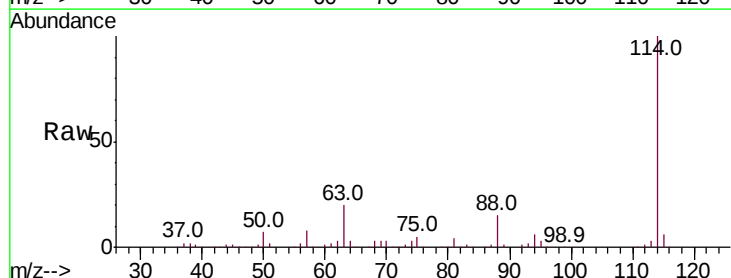
Tgt Ion: 114 Resp: 446637

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

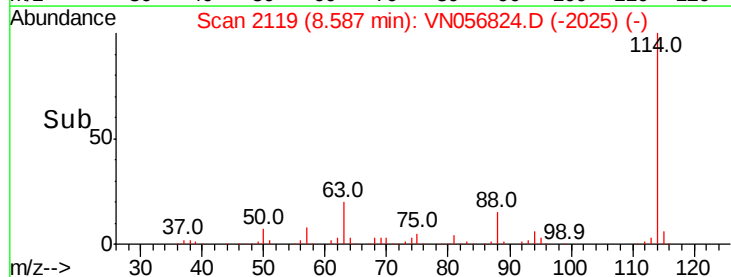
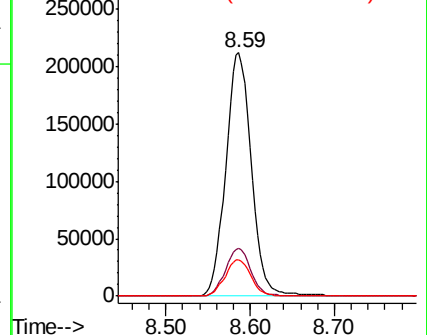
88 14.9 0.0 31.2

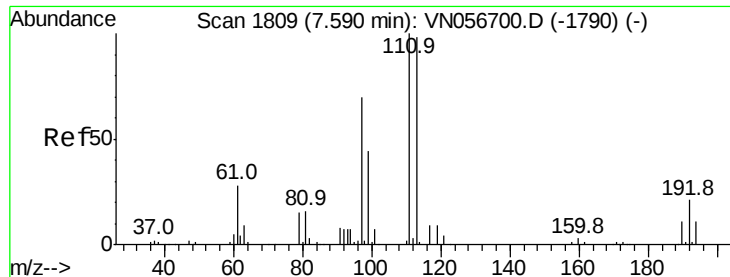


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

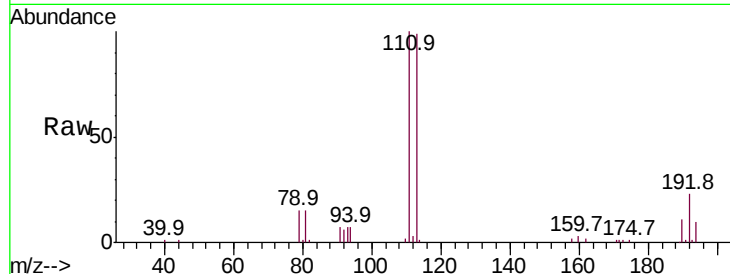




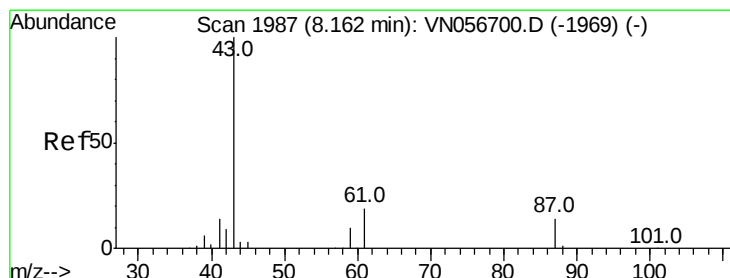
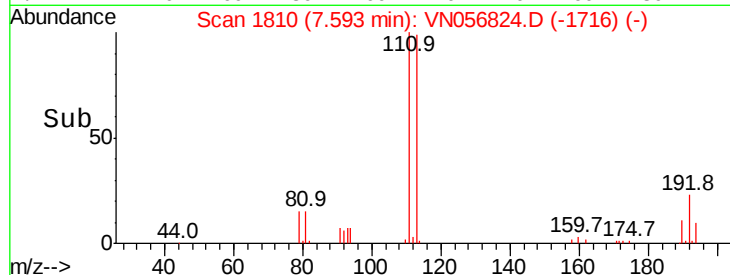
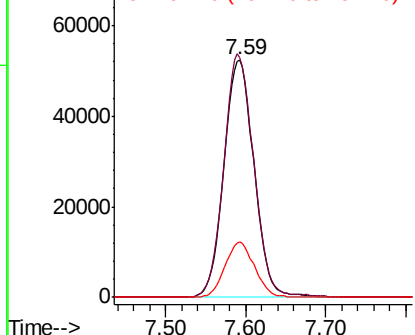
#35
 Dibromofluoromethane
 Concen: 48.458 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056824.D
 Acq: 19 Jul 2019 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#10

Tot Ion:113 Resp: 134689
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 22.9 17.5 26.3

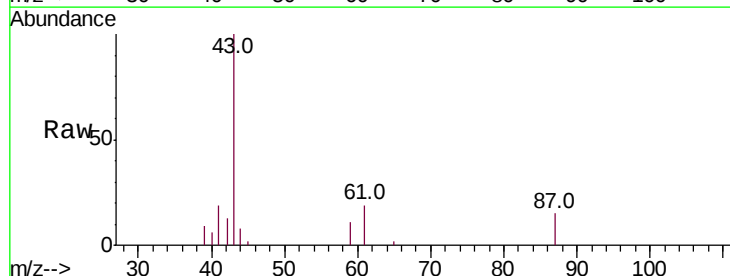


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

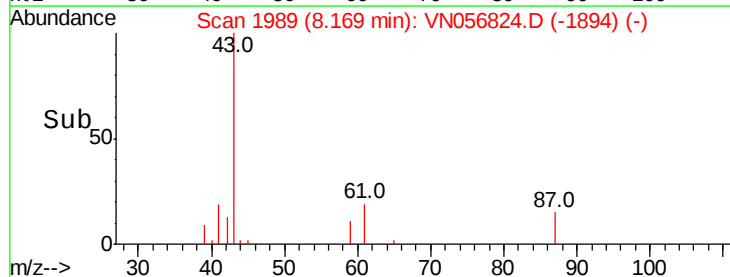
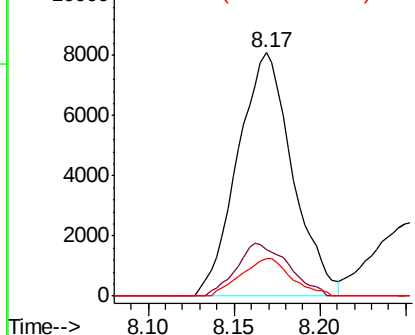


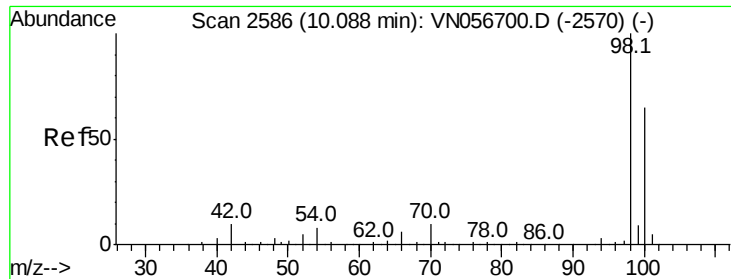
#43
 Isopropyl Acetate
 Concen: 2.803 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN056824.D
 Acq: 19 Jul 2019 12:11

Tgt Ion: 43 Resp: 17952
 Ion Ratio Lower Upper
 43 100
 61 20.6 22.3 33.5#
 87 14.1 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: 53.364 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056824.D

Acq: 19 Jul 2019 12:11

Instrument :

MSVOA_N

ClientSampleId :

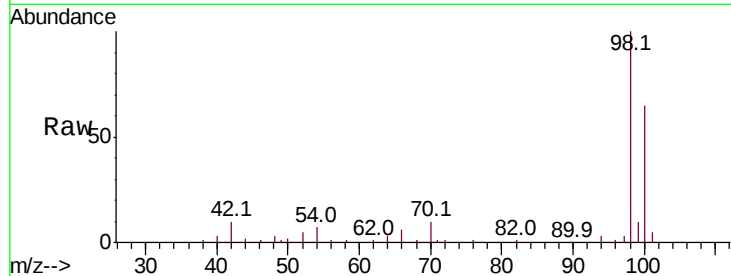
PB121463ZHE#10

Tot Ion: 98 Resp: 572874

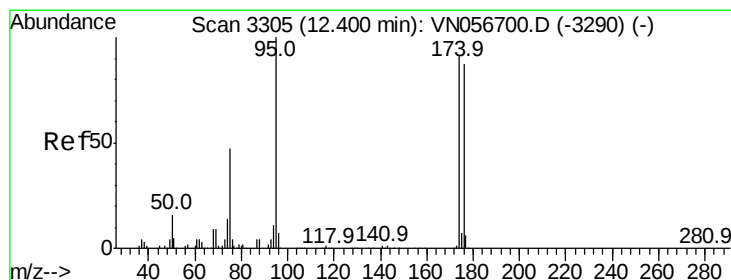
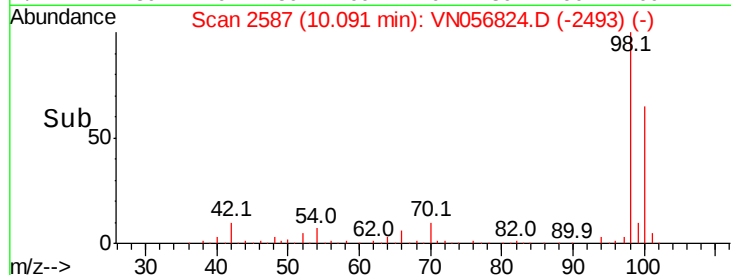
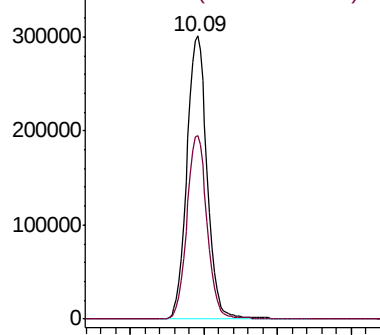
Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



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



#62

4-Bromofluorobenzene

Concen: 55.769 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056824.D

Acq: 19 Jul 2019 12:11

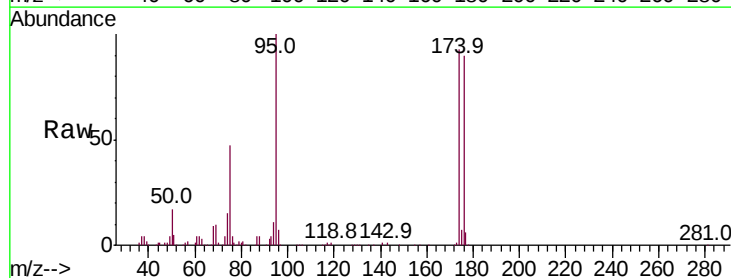
Tgt Ion: 95 Resp: 201897

Ion Ratio Lower Upper

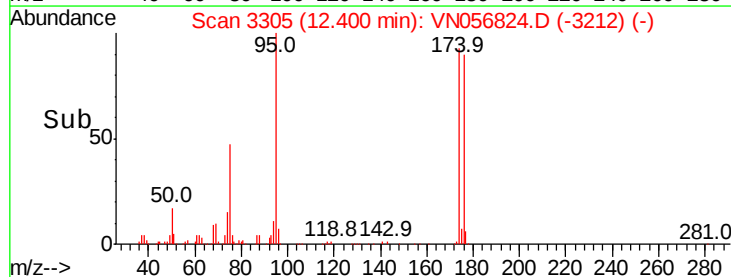
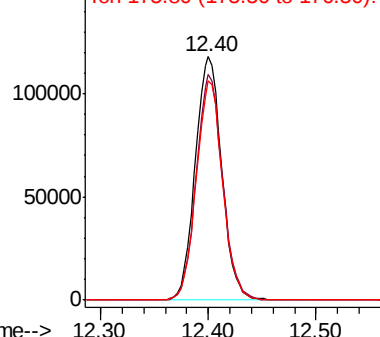
95 100

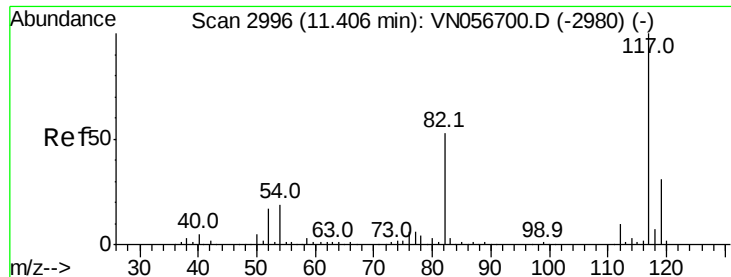
174 91.8 0.0 180.0

176 89.0 0.0 173.2



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

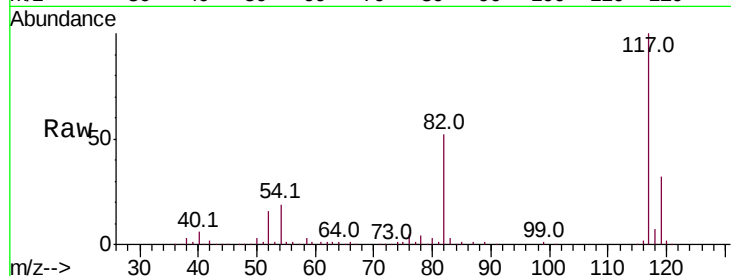




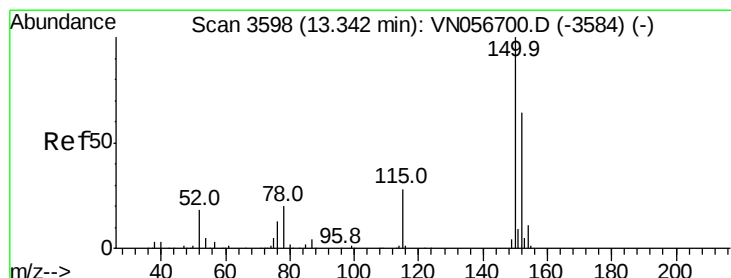
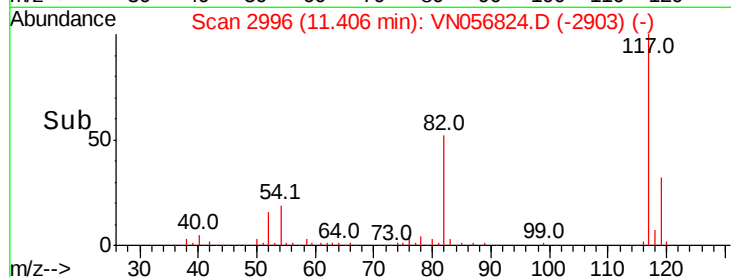
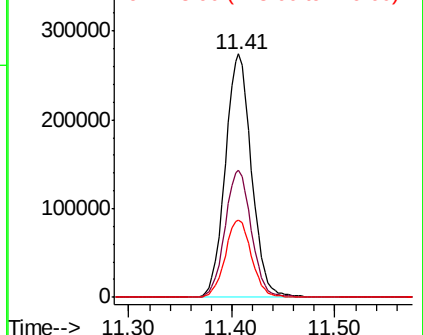
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056824.D
Acq: 19 Jul 2019 12:11

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#10

Tot Ion:117 Resp: 484433
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 32.0 25.2 37.8

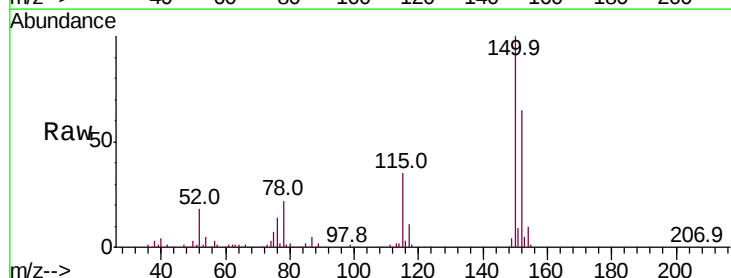


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056824.D
Acq: 19 Jul 2019 12:11

Tgt Ion:152 Resp: 168550
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 153.3 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

