

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056816.D
 Acq On : 18 Jul 2019 16:50
 Operator : JC/SP
 Sample : PB121426ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121426ZHE#01

Quant Time: Jul 19 09:07:13 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

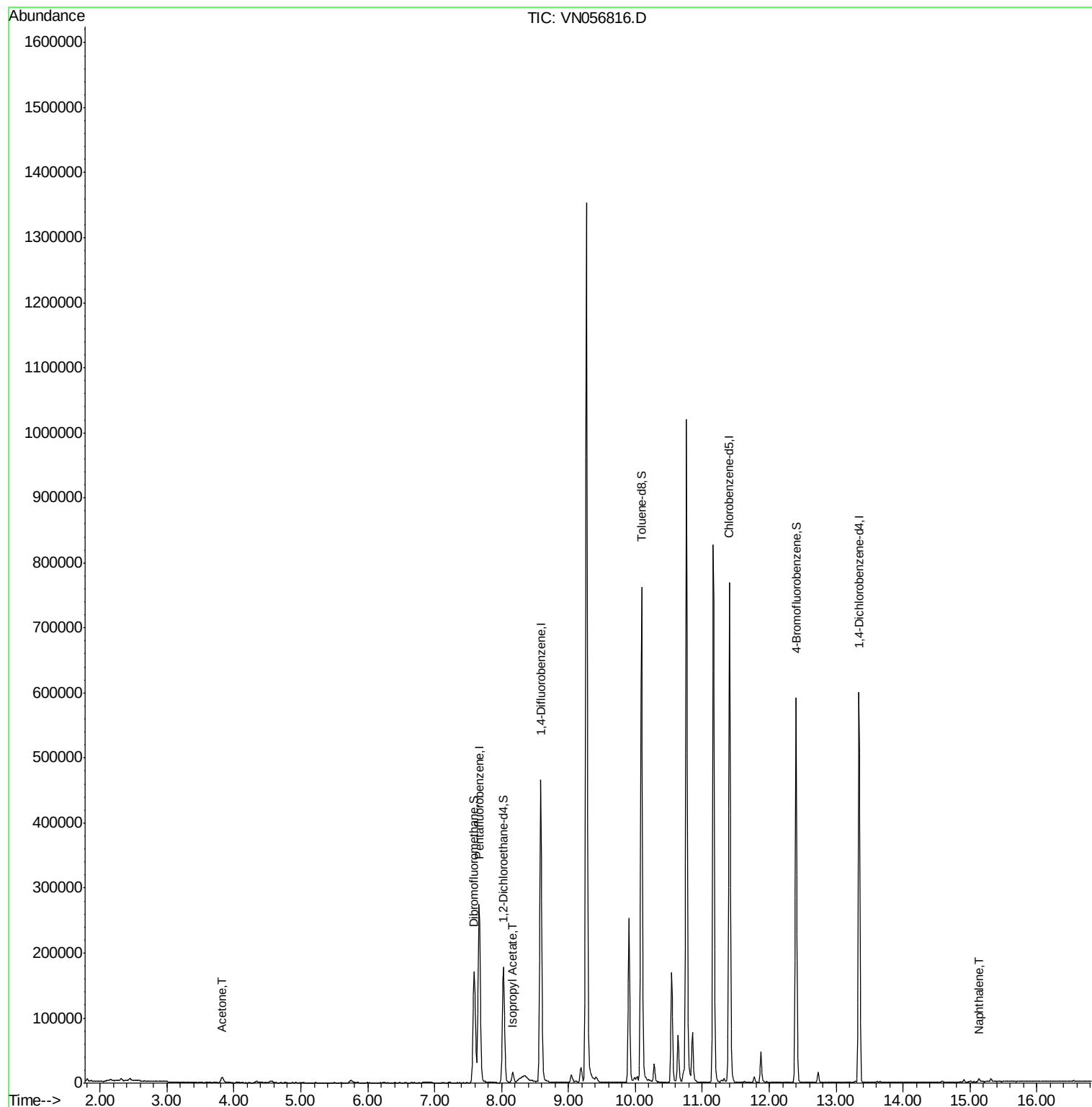
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	249130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	444257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	146756	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	7.59	113	132688	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	10.09	98	568356	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.40	95	209736	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
Target Compounds						
16) Acetone	3.82	43	15530	12.229	ug/l	96
43) Isopropyl Acetate	8.17	43	18747	2.943	ug/l #	90
95) Naphthalene	15.13	128	4959	5.004	ug/l #	92

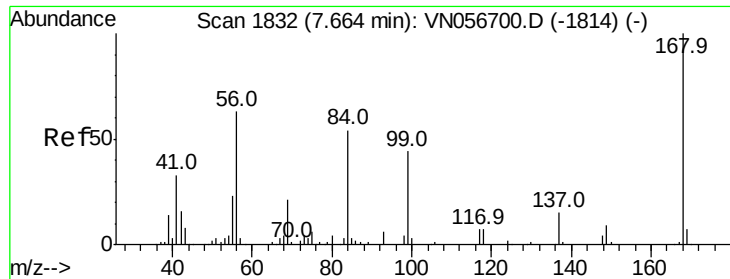
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071819\
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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: VN056816.D

Acq: 18 Jul 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

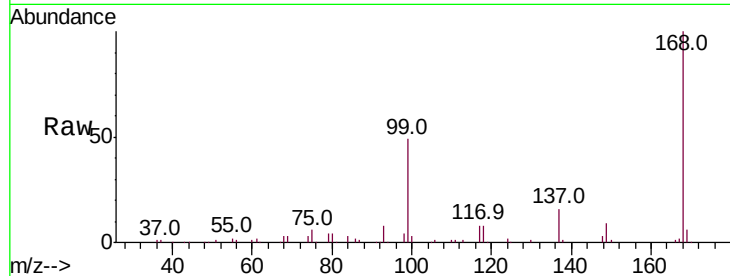
PB121426ZHE#01

Tot Ion:168 Resp: 249130

Ion Ratio Lower Upper

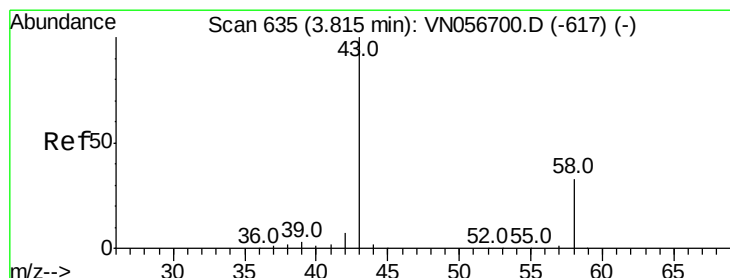
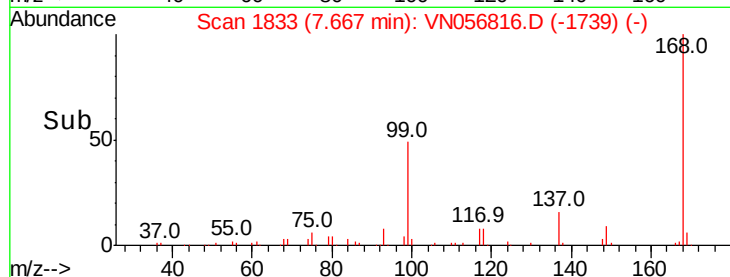
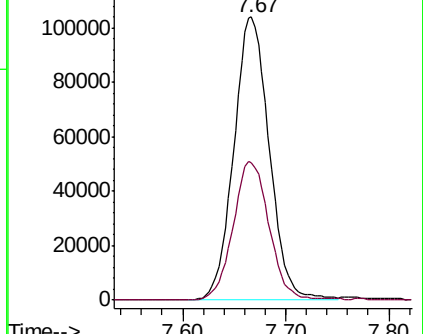
168 100

99 48.5 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: 12.229 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056816.D

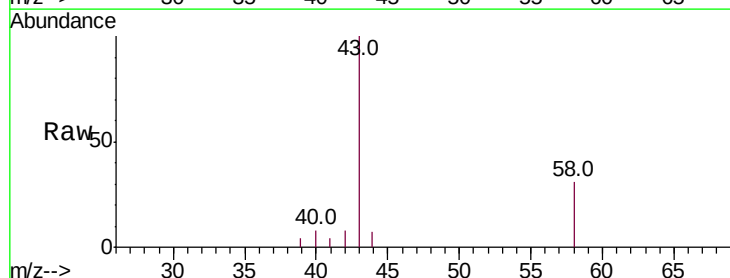
Acq: 18 Jul 2019 16:50

Tgt Ion: 43 Resp: 15530

Ion Ratio Lower Upper

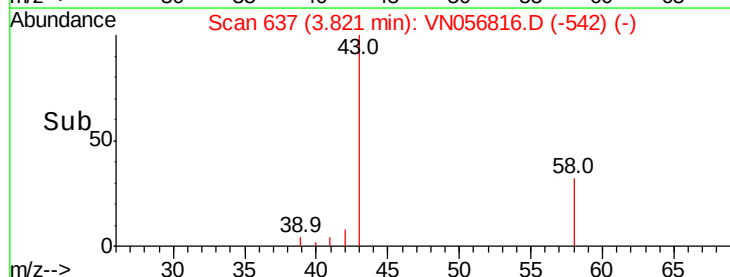
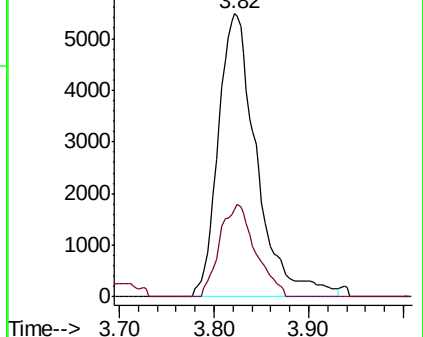
43 100

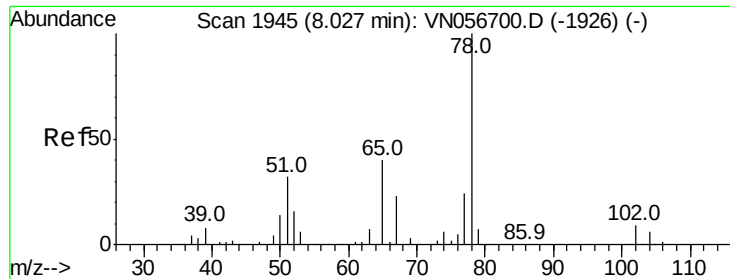
58 31.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

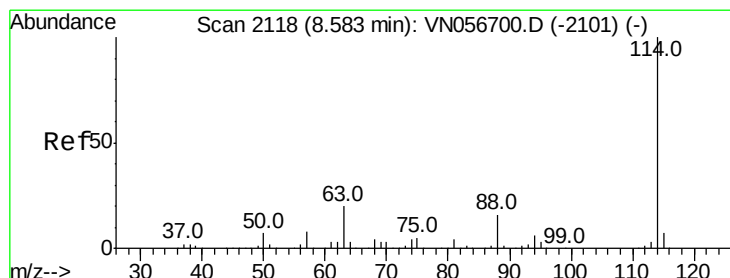
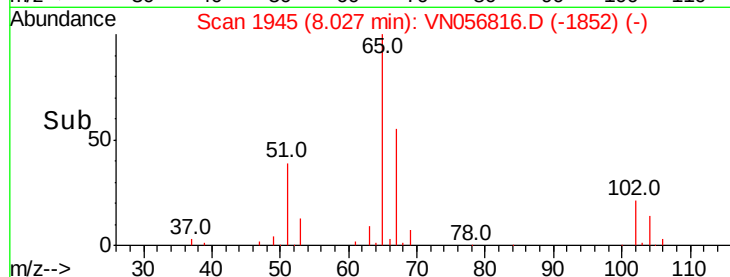
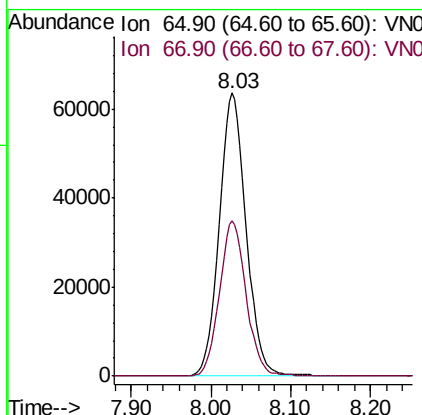
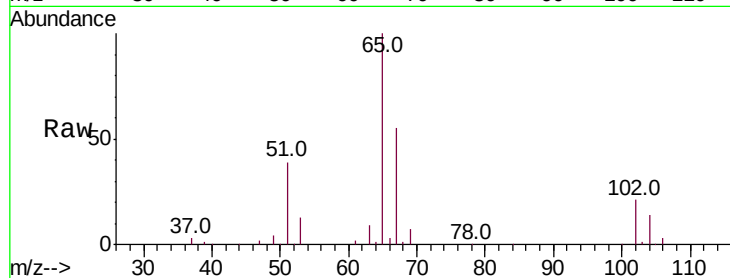




#33
 1,2-Dichloroethane-d4
 Concen: 53.255 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056816.D
 Acq: 18 Jul 2019 16:50

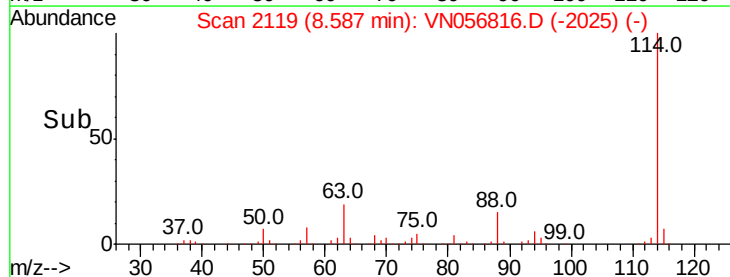
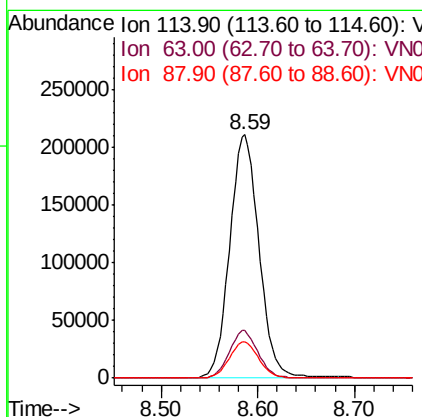
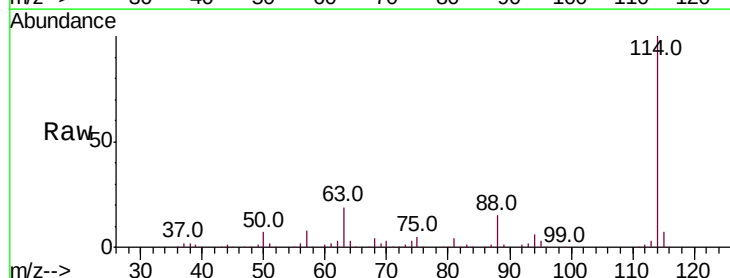
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121426ZHE#01

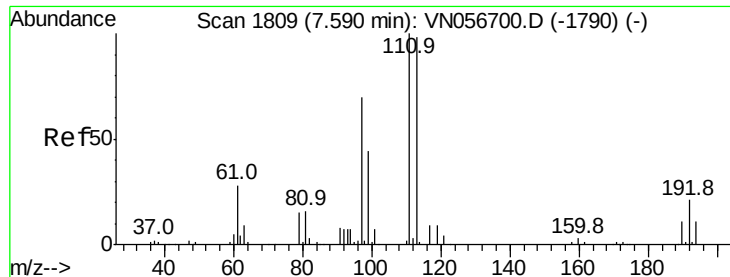
Tot Ion: 65 Resp: 146756
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056816.D
 Acq: 18 Jul 2019 16:50

Tgt Ion: 114 Resp: 444257
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.994 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056816.D

Acq: 18 Jul 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB121426ZHE#01

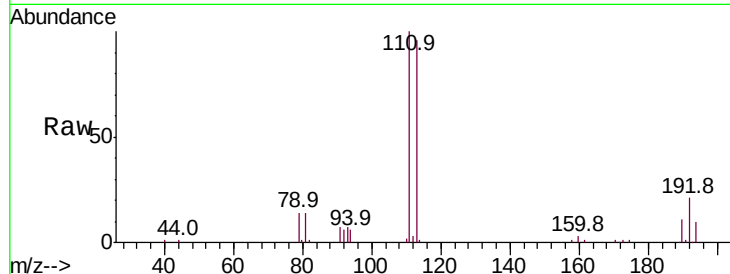
Tot Ion:113 Resp: 132688

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

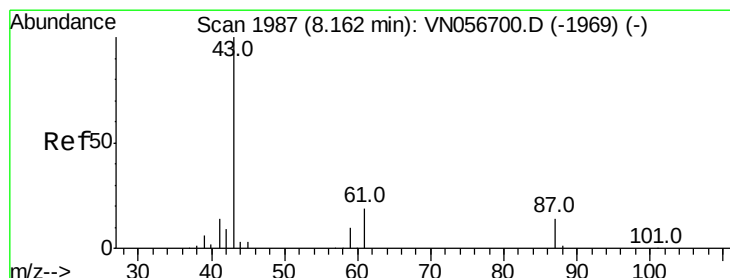
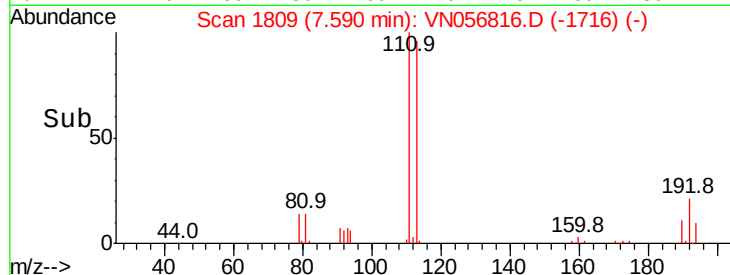
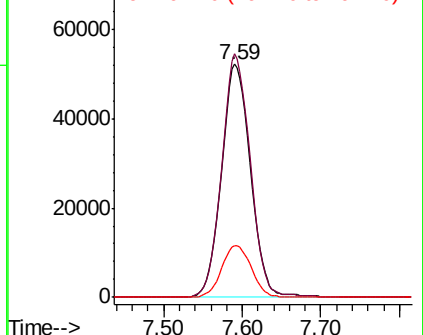
192 22.6 17.5 26.3



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: 2.943 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056816.D

Acq: 18 Jul 2019 16:50

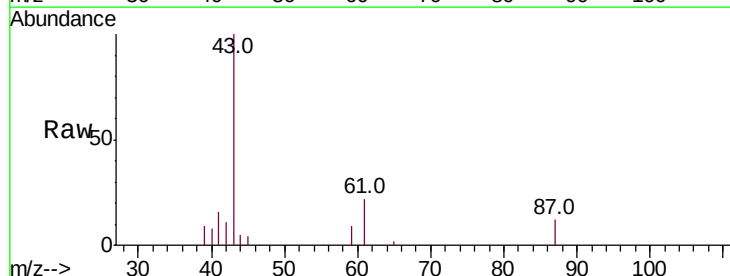
Tgt Ion: 43 Resp: 18747

Ion Ratio Lower Upper

43 100

61 20.5 22.3 33.5#

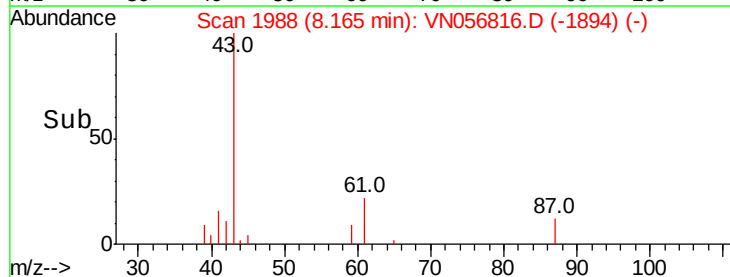
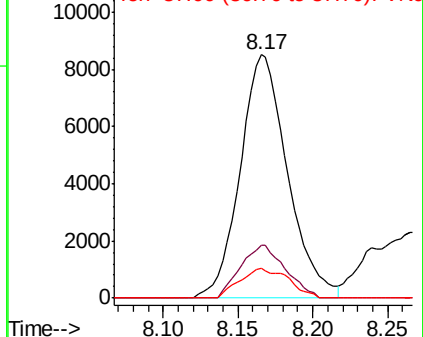
87 12.6 11.1 16.7

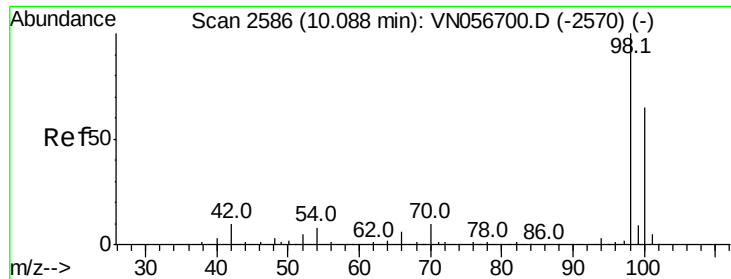


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 53.227 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056816.D

Acq: 18 Jul 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

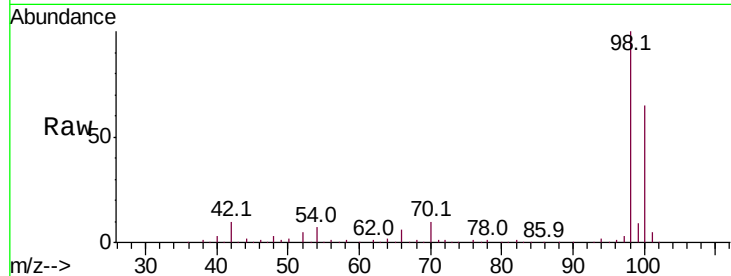
PB121426ZHE#01

Tot Ion: 98 Resp: 568356

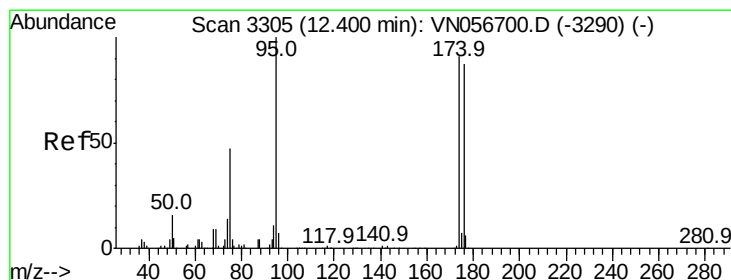
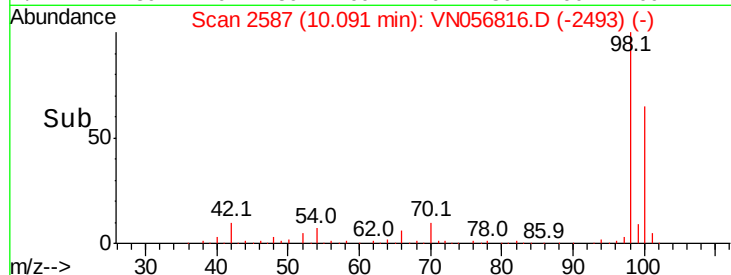
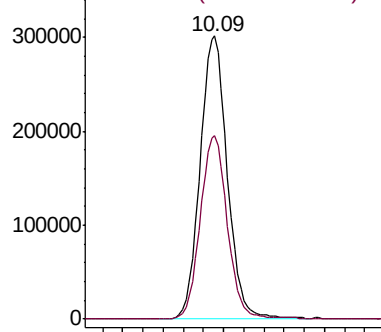
Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



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



#62

4-Bromofluorobenzene

Concen: 58.245 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056816.D

Acq: 18 Jul 2019 16:50

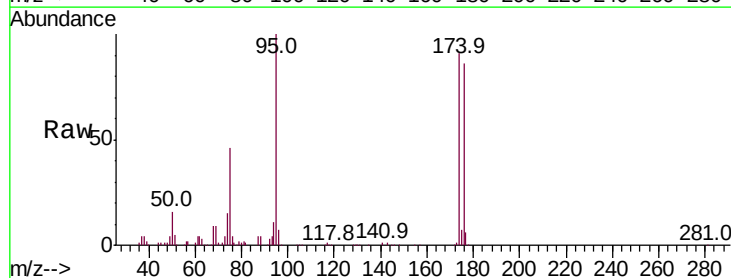
Tgt Ion: 95 Resp: 209736

Ion Ratio Lower Upper

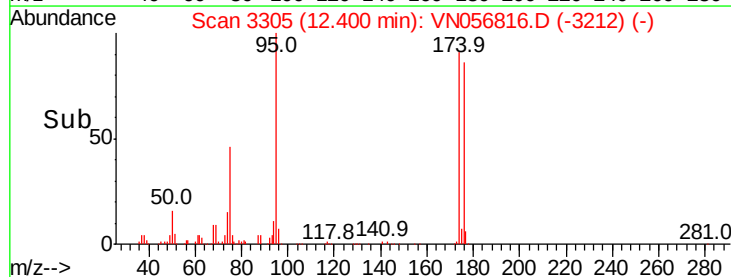
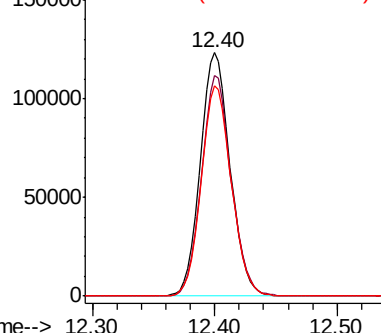
95 100

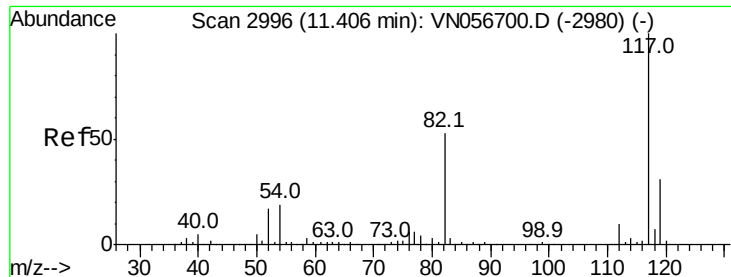
174 90.1 0.0 180.0

176 87.2 0.0 173.2



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

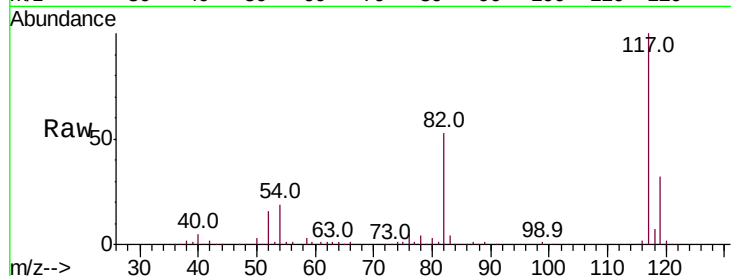




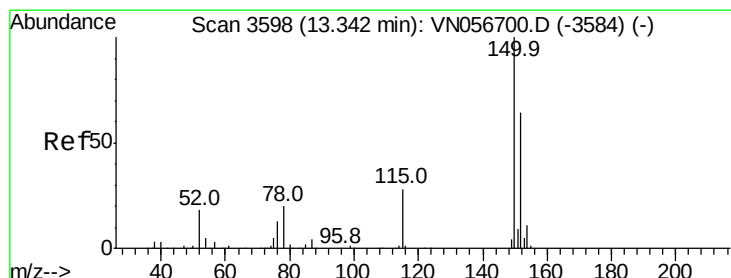
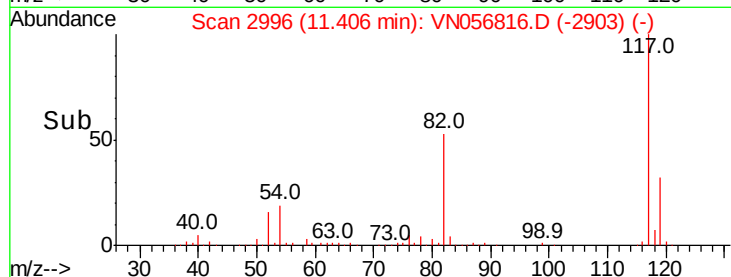
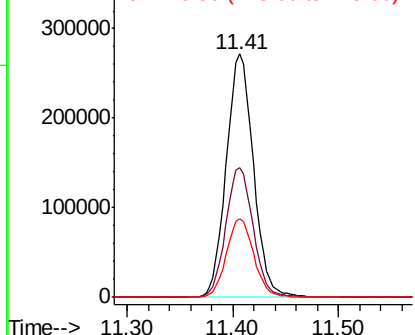
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056816.D
Acq: 18 Jul 2019 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB121426ZHE#01

Tot Ion:117 Resp: 485413
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.2 25.2 37.8

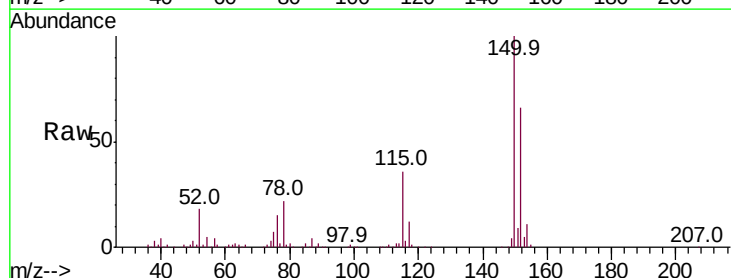


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

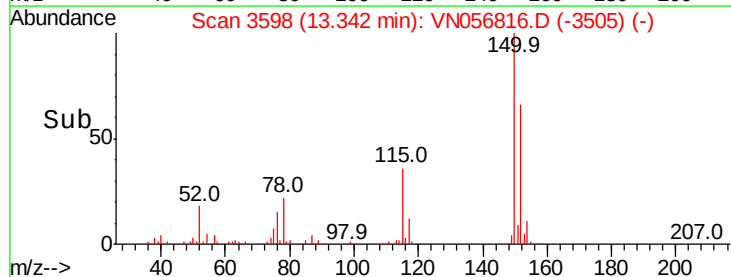
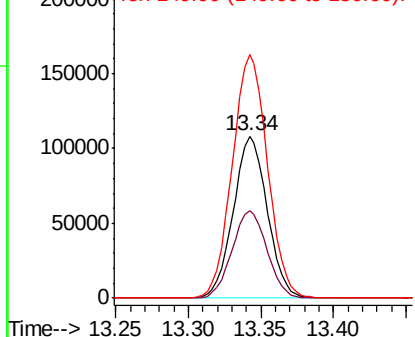


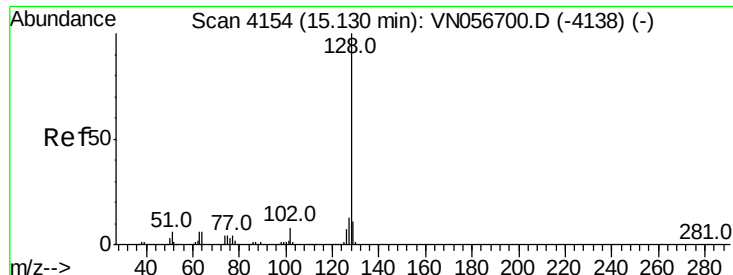
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056816.D
Acq: 18 Jul 2019 16:50

Tgt Ion:152 Resp: 175921
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 156.0 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

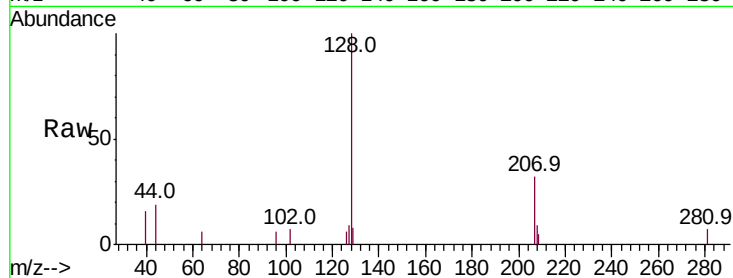




#95
Naphthalene
Concen: 5.004 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056816.D
Acq: 18 Jul 2019 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB121426ZHE#01

Tot Ion:128 Resp: 4959
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 6.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

