

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056402.D
 Acq On : 20 Jun 2019 15:02
 Operator : JC/SP
 Sample : K3455-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-MH

Quant Time: Jun 21 05:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

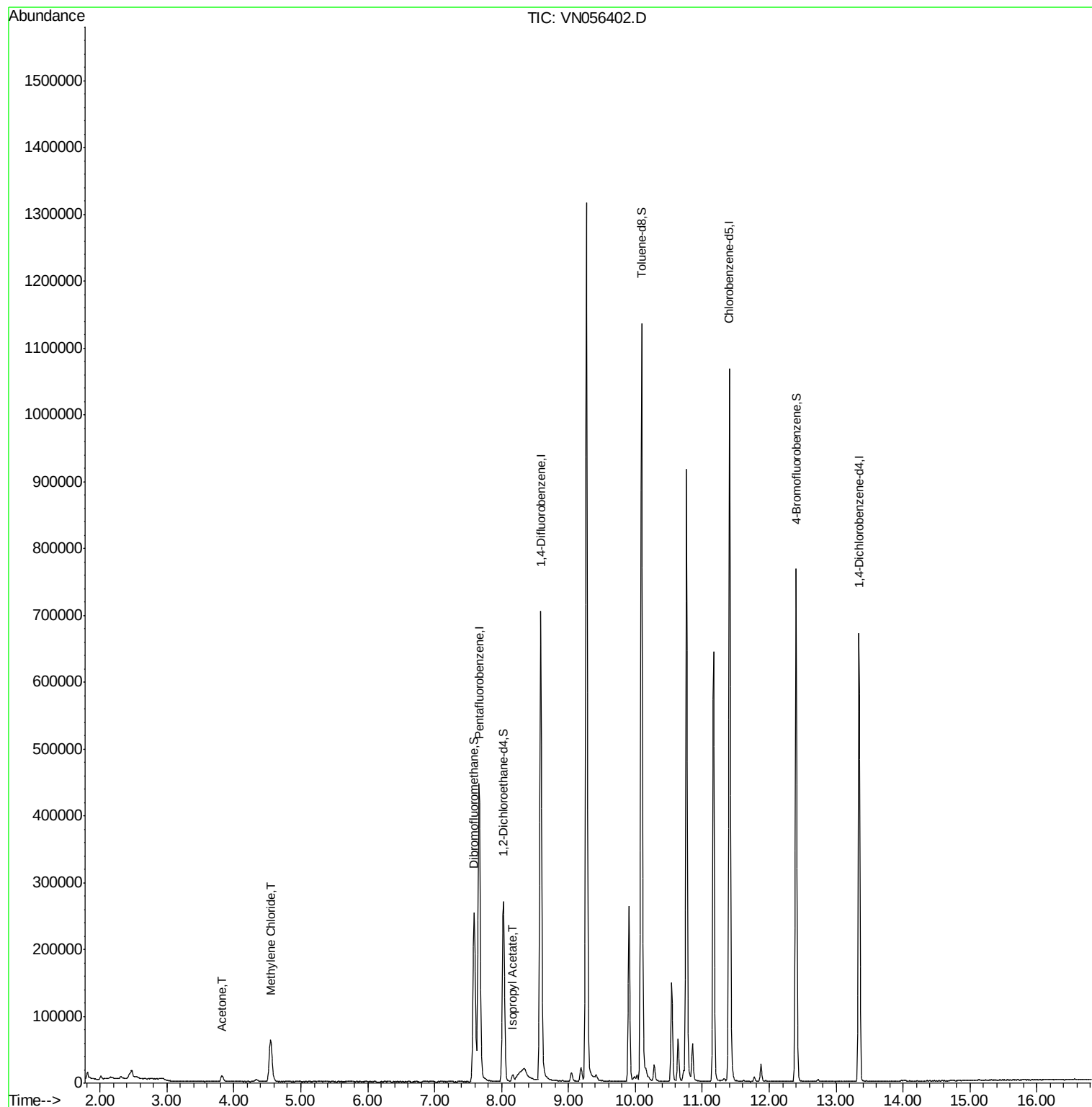
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	407152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	682482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	669452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	224596	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.59	113	193161	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
50) Toluene-d8	10.09	98	848754	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.40	95	271985	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
Target Compounds						
16) Acetone	3.82	43	16158	7.147	ug/l	94
20) Methylene Chloride	4.55	84	50664	11.197	ug/l	98
43) Isopropyl Acetate	8.17	43	13199	1.450	ug/l #	88

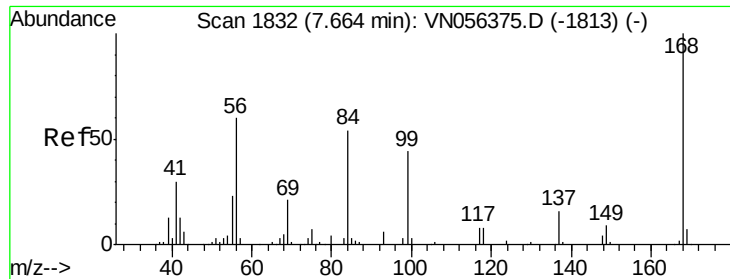
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056402.D

Acq: 20 Jun 2019 15:02

Instrument :

MSVOA_N

ClientSampled :

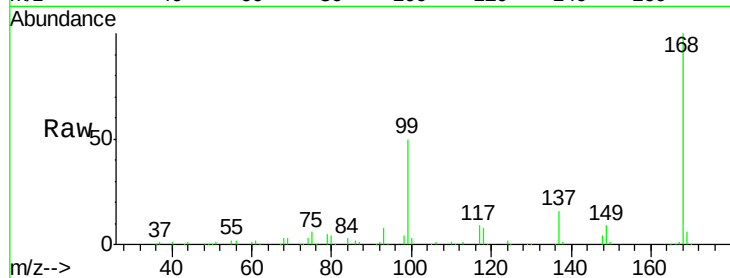
TP-1-MH

Tot Ion:168 Resp: 407152

Ion Ratio Lower Upper

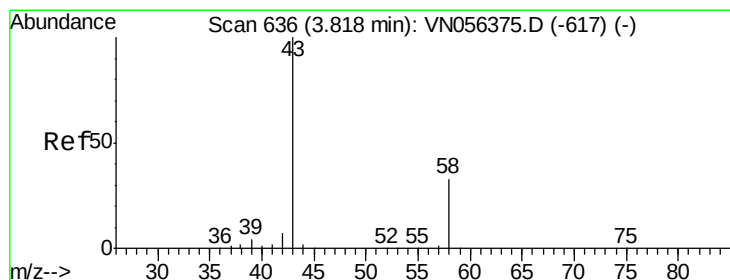
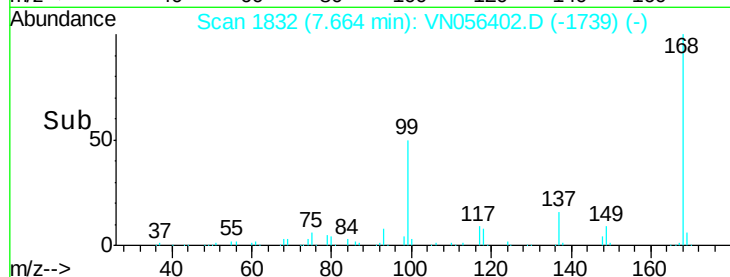
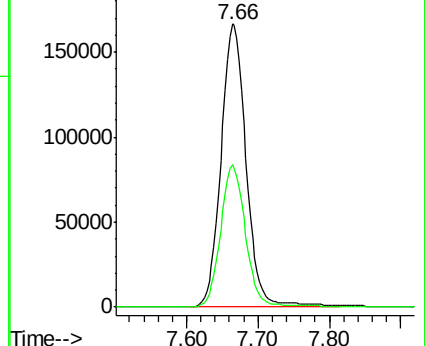
168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.147 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056402.D

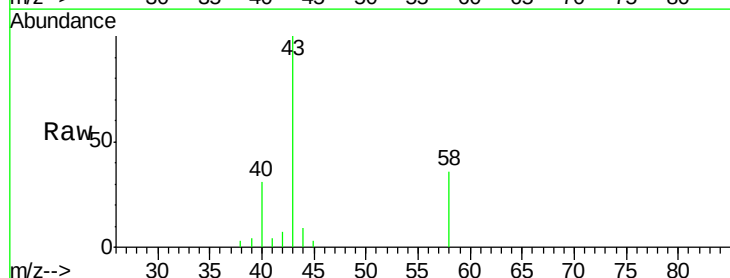
Acq: 20 Jun 2019 15:02

Tgt Ion: 43 Resp: 16158

Ion Ratio Lower Upper

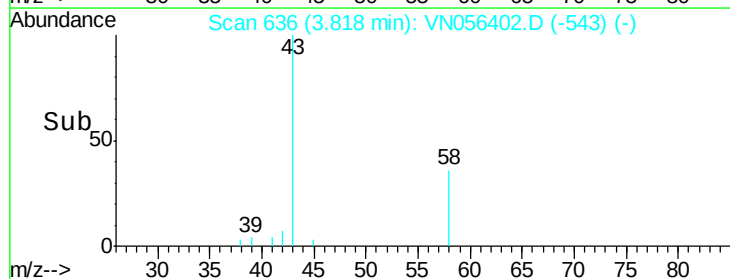
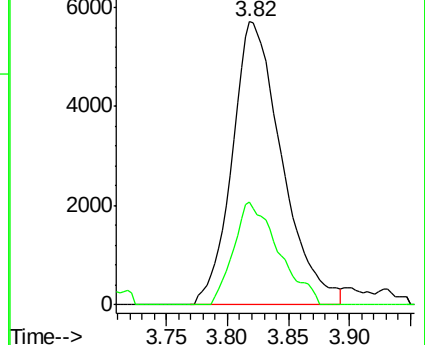
43 100

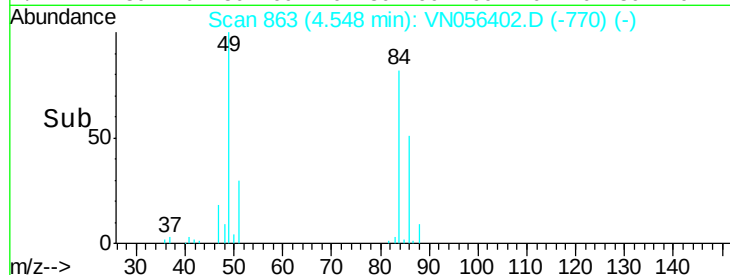
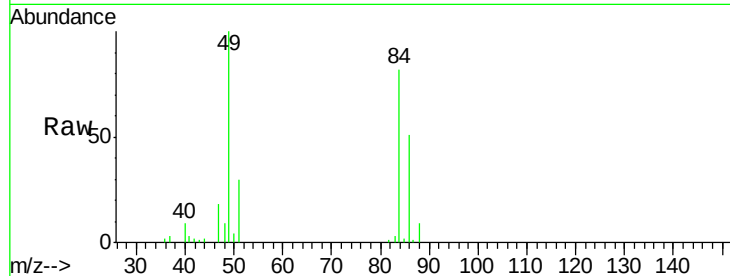
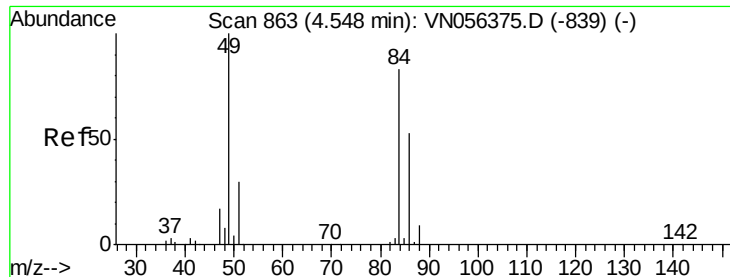
58 36.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

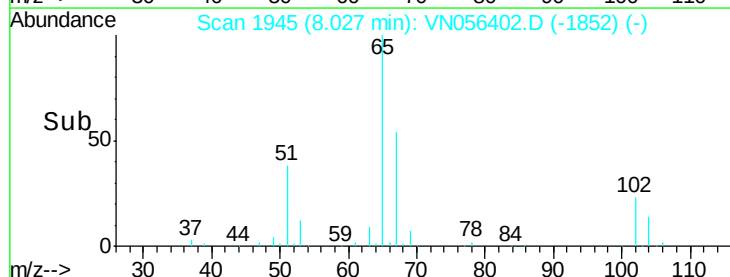
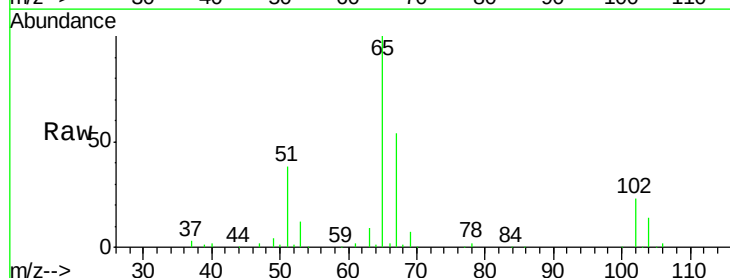
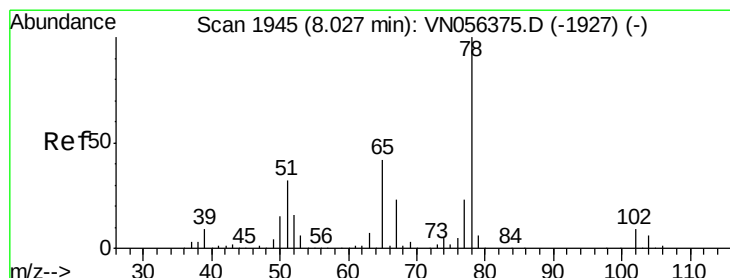
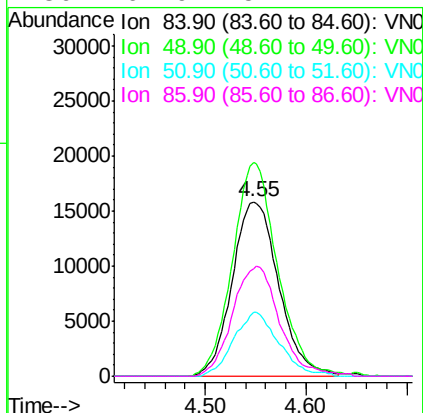




#20
Methylene Chloride
Concen: 11.197 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056402.D
Acq: 20 Jun 2019 15:02

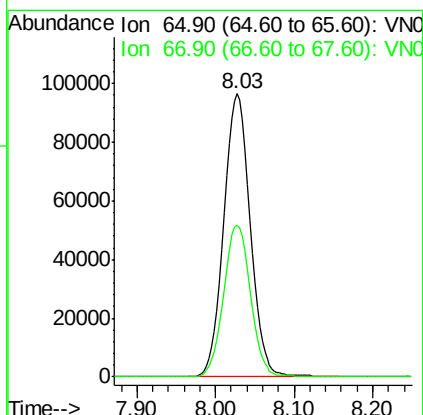
Instrument :
MSVOA_N
ClientSampleId :
TP-1-MH

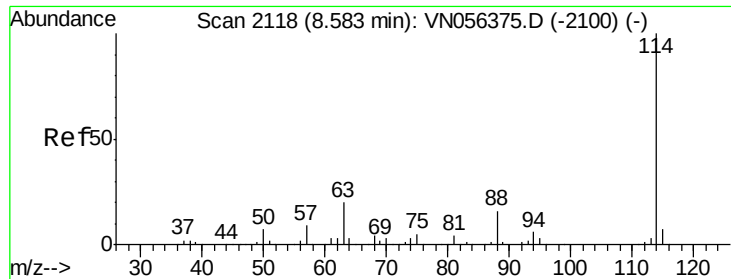
Tot Ion:	84	Resp:	50664
Ion	Ratio	Lower	Upper
84	100		
49	122.4	96.4	144.6
51	36.6	28.6	43.0
86	61.9	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 49.772 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056402.D
Acq: 20 Jun 2019 15:02

Tgt Ion:	65	Resp:	224596
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.0

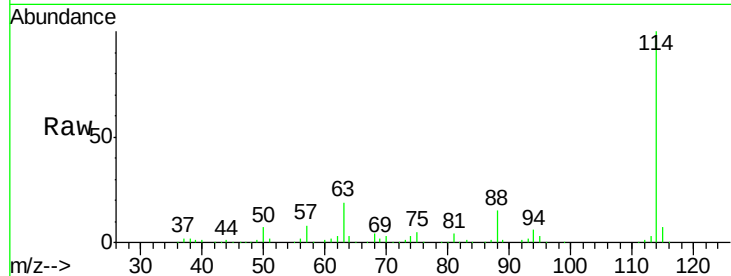




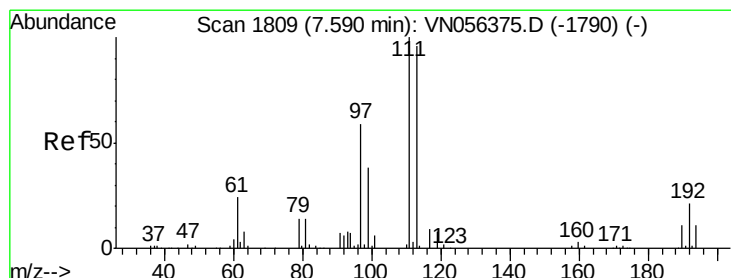
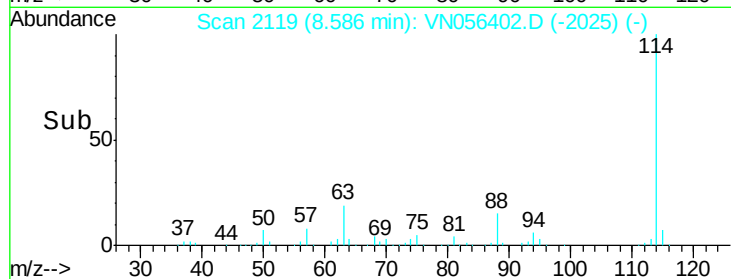
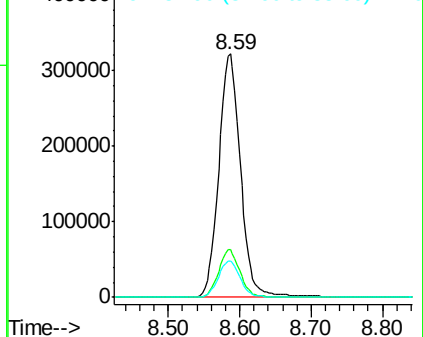
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056402.D
 Acq: 20 Jun 2019 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-MH

Tot Ion:114 Resp: 682482
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.1 0.0 31.4

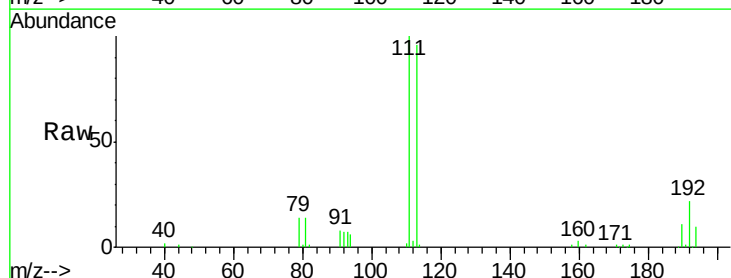


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

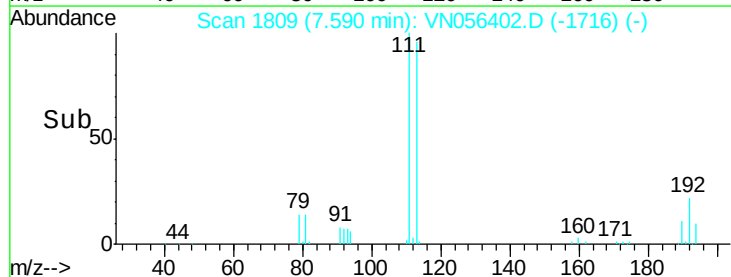
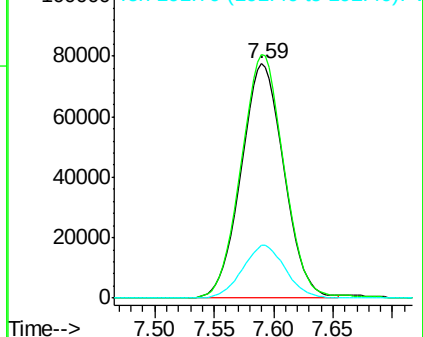


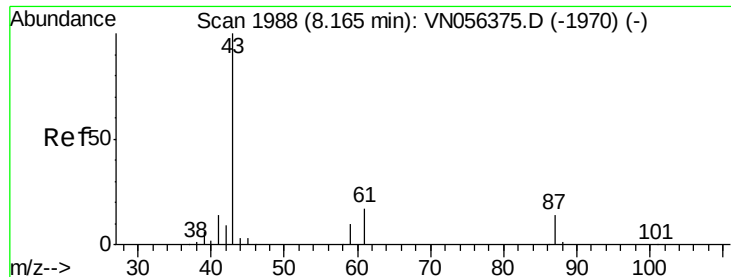
#35
 Dibromofluoromethane
 Concen: 45.369 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056402.D
 Acq: 20 Jun 2019 15:02

Tgt Ion:113 Resp: 193161
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 22.5 17.7 26.5



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: 1.450 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056402.D

Acq: 20 Jun 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1-MH

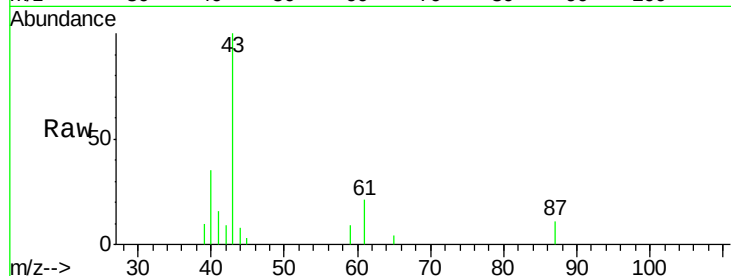
Tot Ion: 43 Resp: 13199

Ion Ratio Lower Upper

43 100

61 18.9 22.0 33.0#

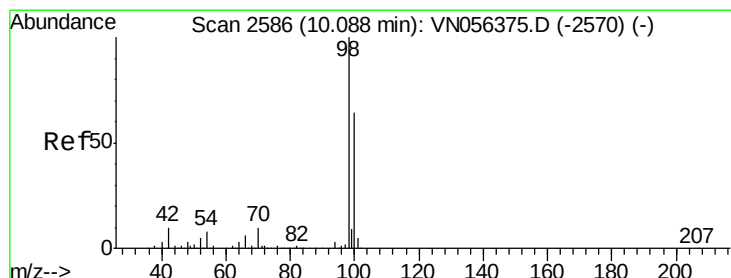
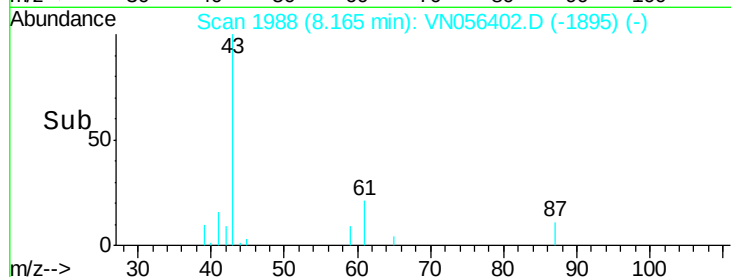
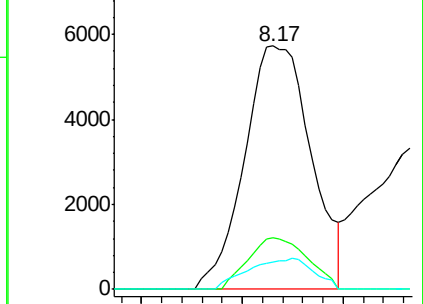
87 12.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.233 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056402.D

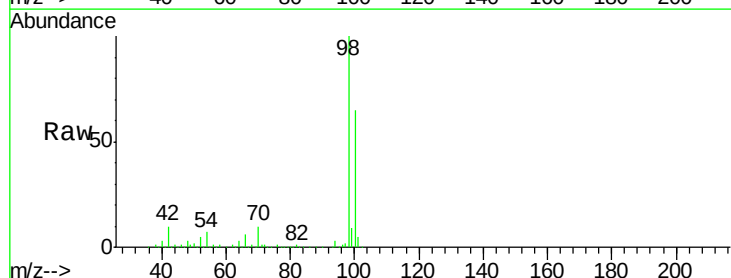
Acq: 20 Jun 2019 15:02

Tgt Ion: 98 Resp: 848754

Ion Ratio Lower Upper

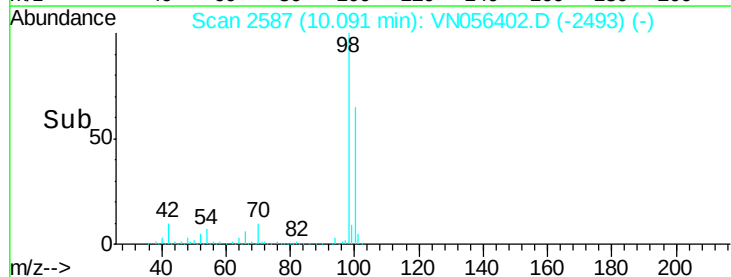
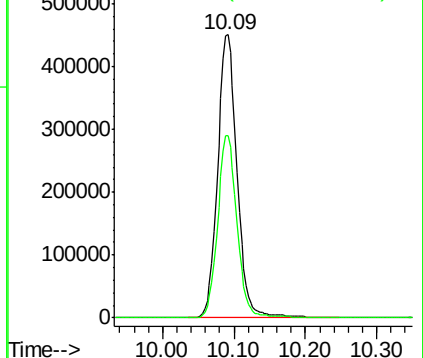
98 100

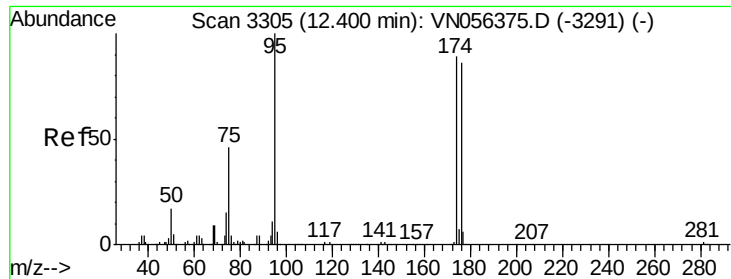
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.250 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056402.D

Acq: 20 Jun 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1-MH

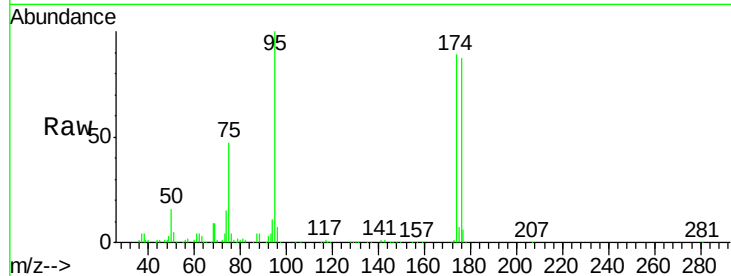
Tot Ion: 95 Resp: 271985

Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.4

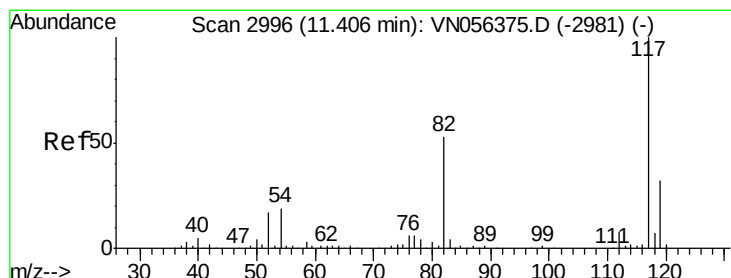
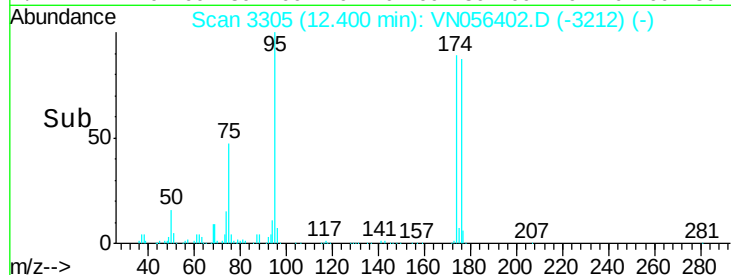
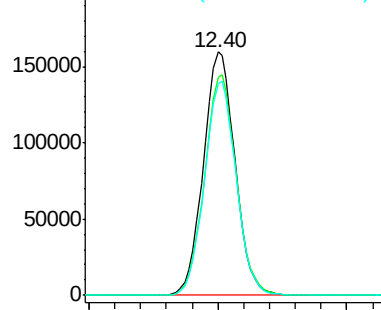
176 87.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056402.D

Acq: 20 Jun 2019 15:02

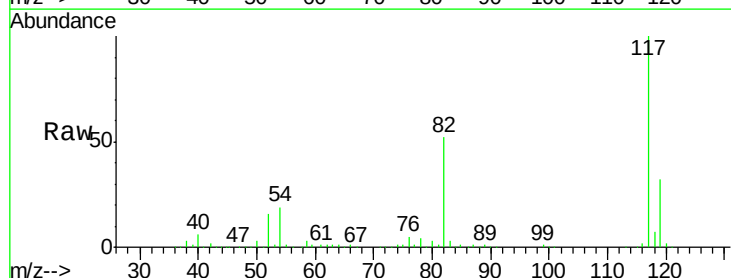
Tgt Ion: 117 Resp: 669452

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

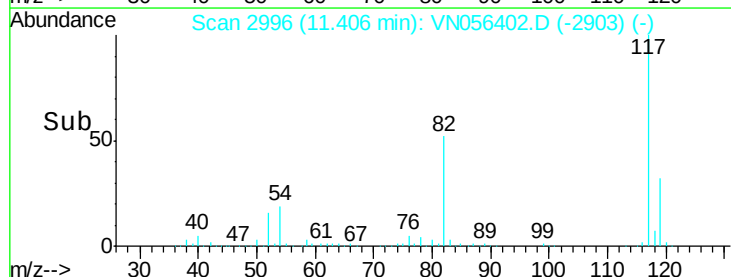
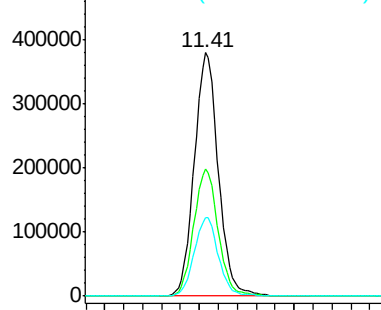
119 32.5 25.3 37.9

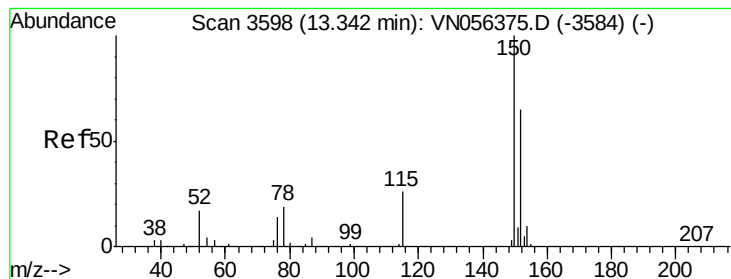


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056402.D

Acq: 20 Jun 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1-MH

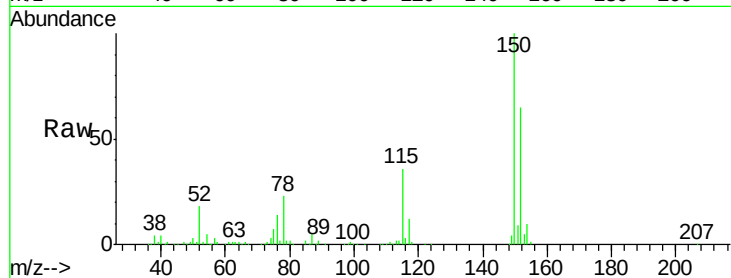
Tot Ion:152 Resp: 199095

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.4

150 155.7 0.0 348.4



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

