

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056313.D
 Acq On : 14 Jun 2019 15:39
 Operator : JC/SP
 Sample : PB120583TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120583TB

Quant Time: Jun 15 00:19:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

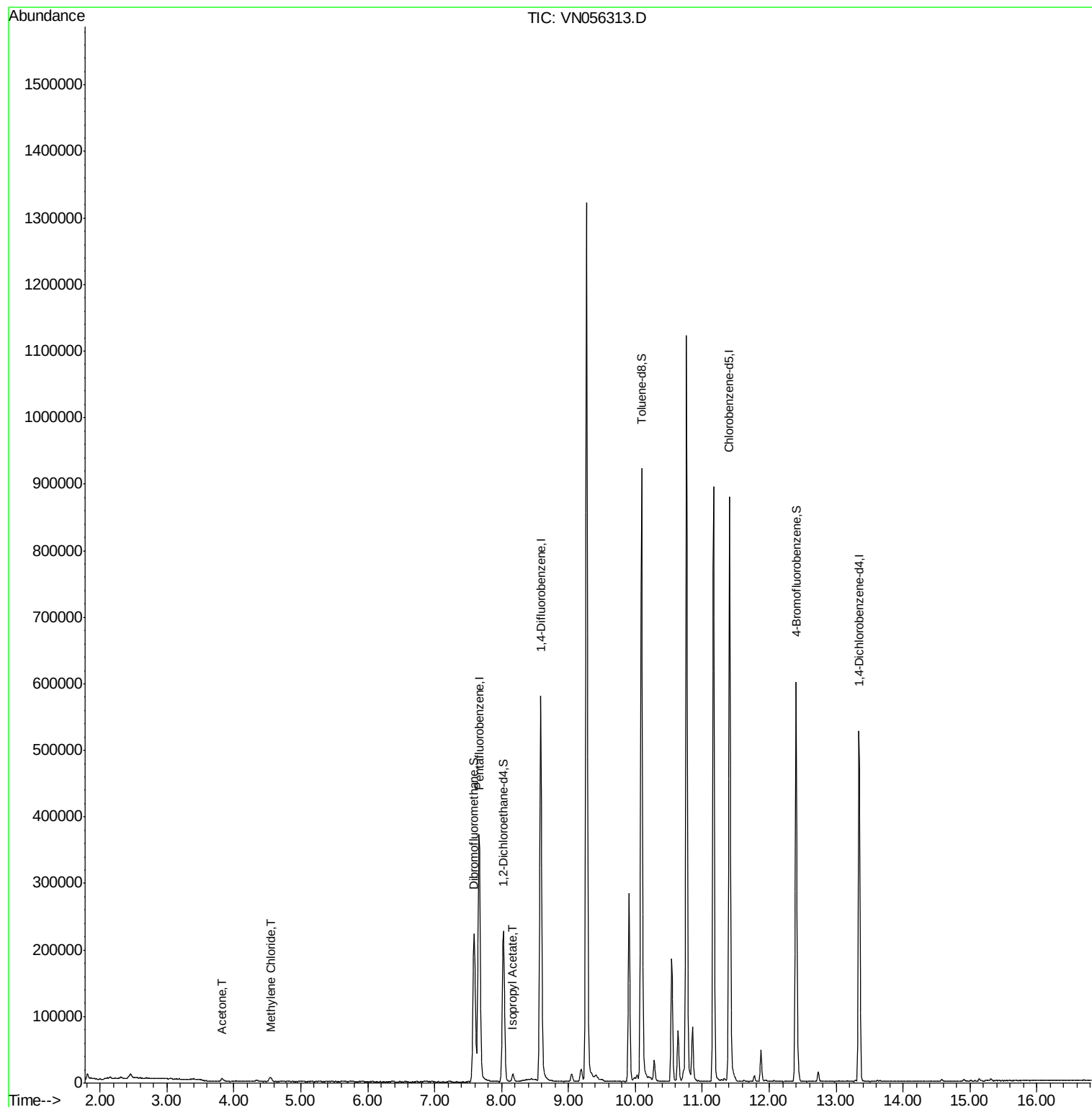
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	336520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	560586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191880	57.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.86%	
35) Dibromofluoromethane	7.59	113	176273	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.09	98	710385	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.40	95	221752	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
Target Compounds						
16) Acetone	3.82	43	7996	5.004	ug/l	99
20) Methylene Chloride	4.55	84	5179	1.573	ug/l	90
43) Isopropyl Acetate	8.17	43	13482	1.940	ug/l #	88

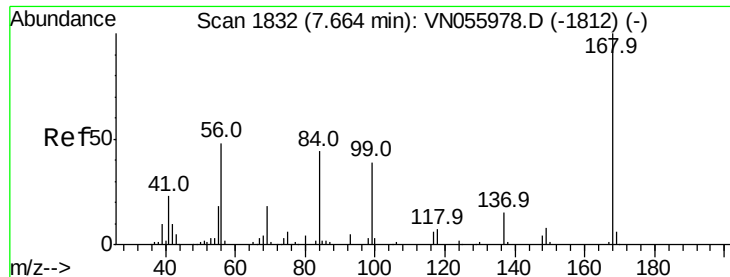
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
Data File : VN056313.D
Acq On : 14 Jun 2019 15:39
Operator : JC/SP
Sample : PB120583TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB120583TB

Quant Time: Jun 15 00:19:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 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: VN056313.D

Acq: 14 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

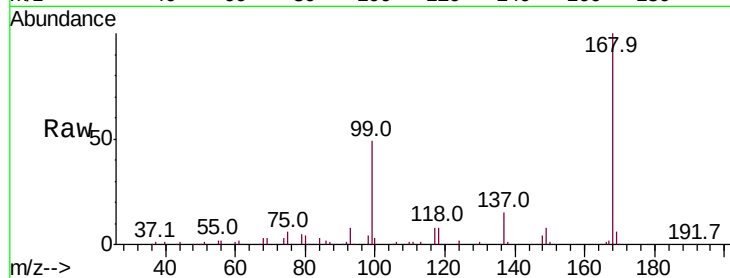
PB120583TB

Tot Ion:168 Resp: 336520

Ion Ratio Lower Upper

168 100

99 48.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

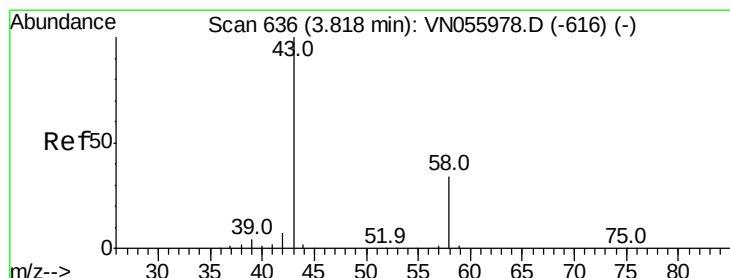
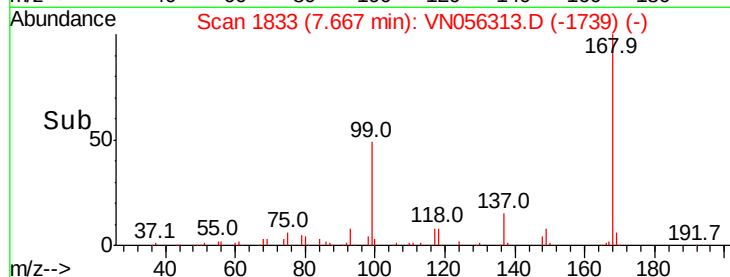
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.004 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056313.D

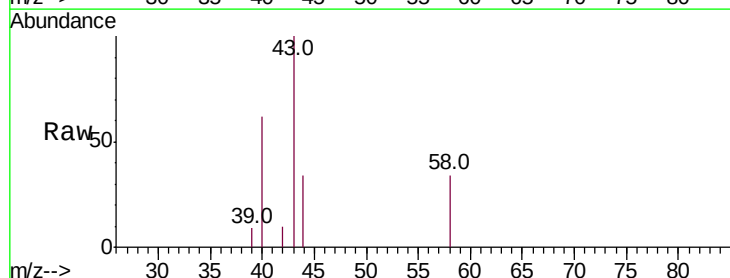
Acq: 14 Jun 2019 15:39

Tgt Ion: 43 Resp: 7996

Ion Ratio Lower Upper

43 100

58 33.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

3000

2500

2000

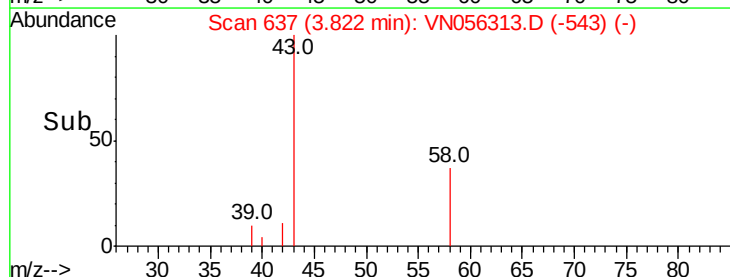
1500

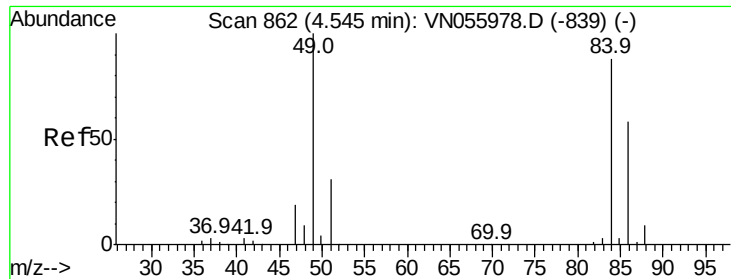
1000

500

0

Time-->



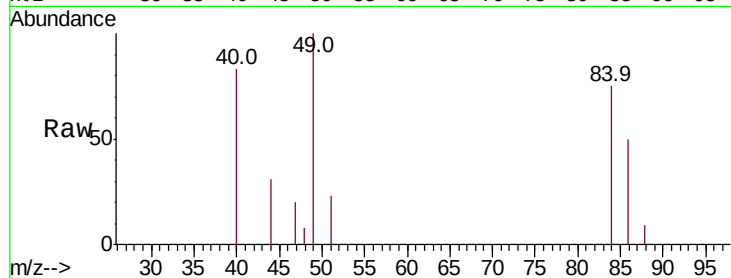


#20
Methylene Chloride
Concen: 1.573 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056313.D
Acq: 14 Jun 2019 15:39

Instrument :
MSVOA_N
ClientSampleId :
PB120583TB

Tot Ion: 84 Resp: 5179

Ion	Ratio	Lower	Upper
84	100		
49	133.0	93.5	140.3
51	30.1	28.6	43.0
86	67.0	52.6	79.0



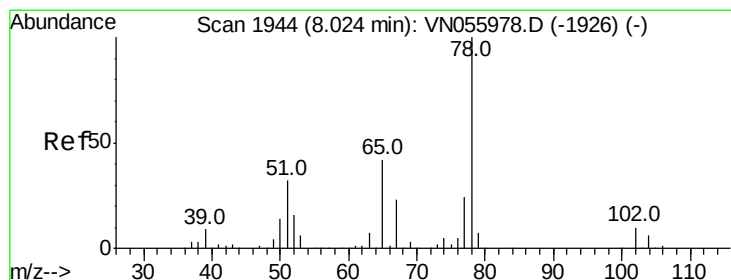
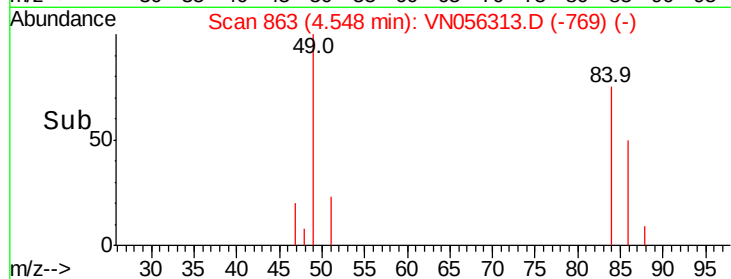
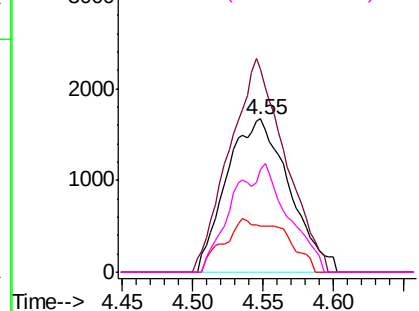
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

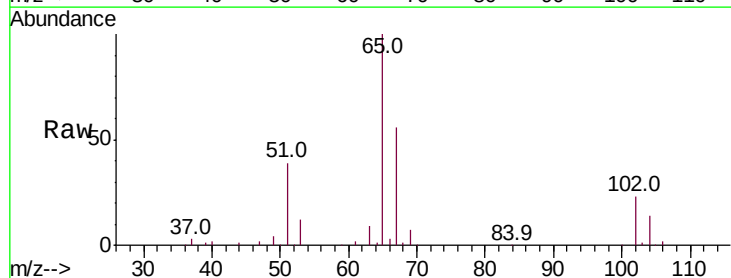
Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 57.426 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056313.D
Acq: 14 Jun 2019 15:39

Tgt Ion: 65 Resp: 191880

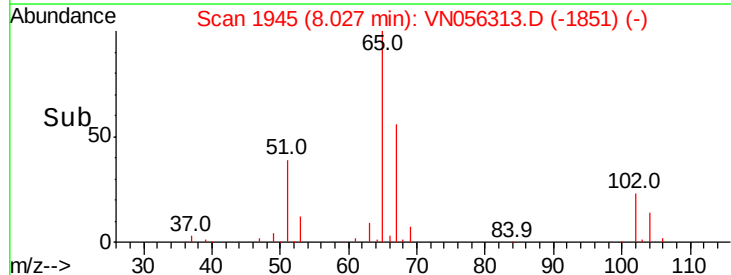
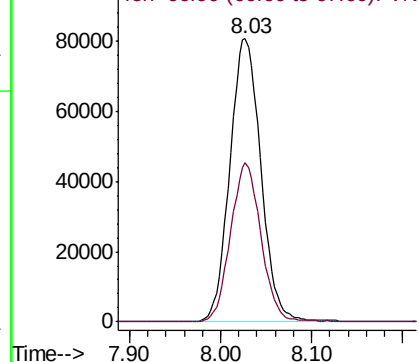
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.2

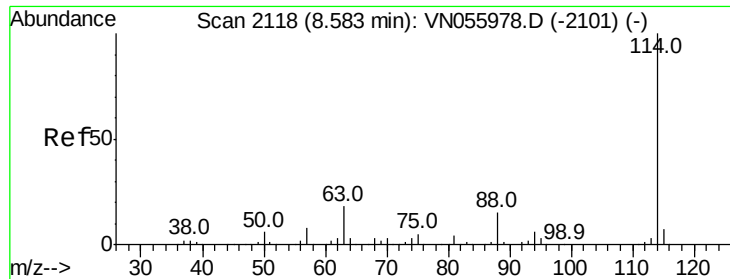


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

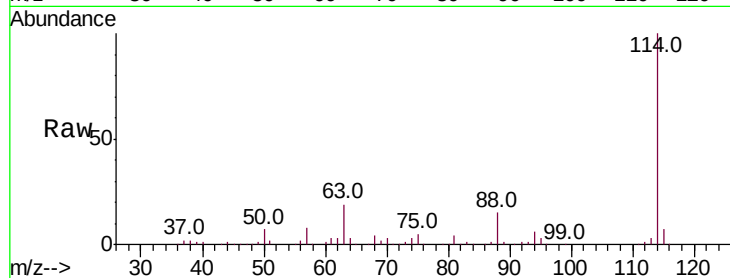




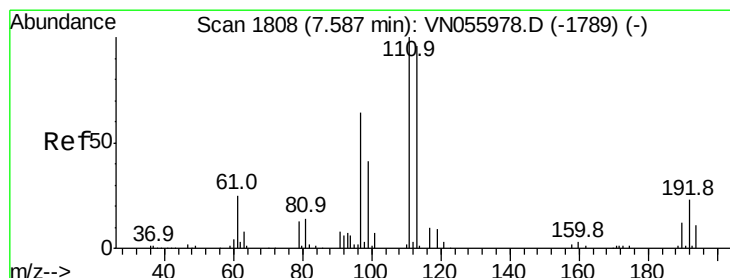
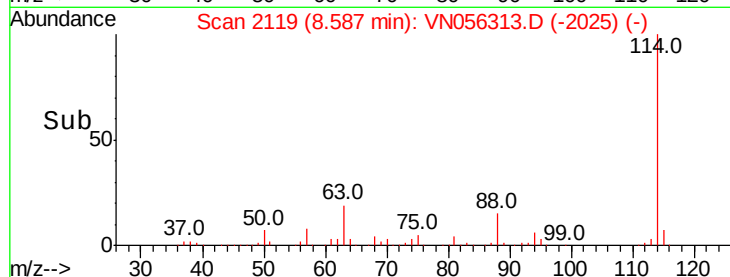
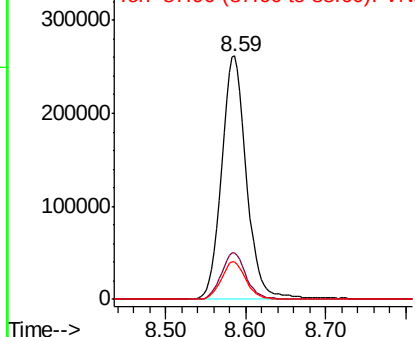
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056313.D
 Acq: 14 Jun 2019 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120583TB

Tot Ion:114 Resp: 560586
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.3 0.0 31.0

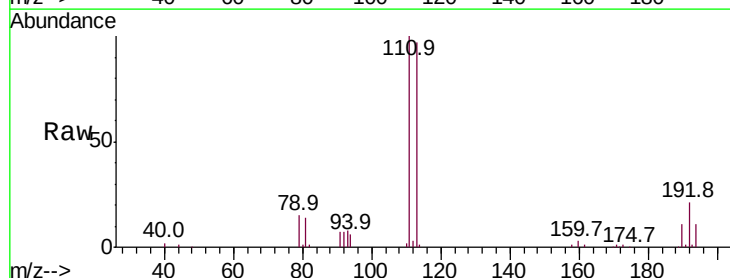


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

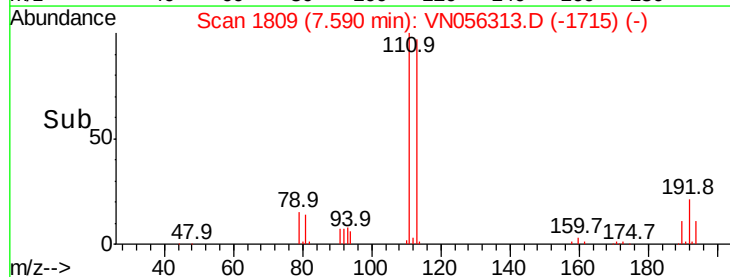
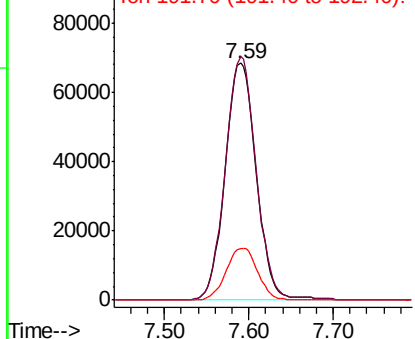


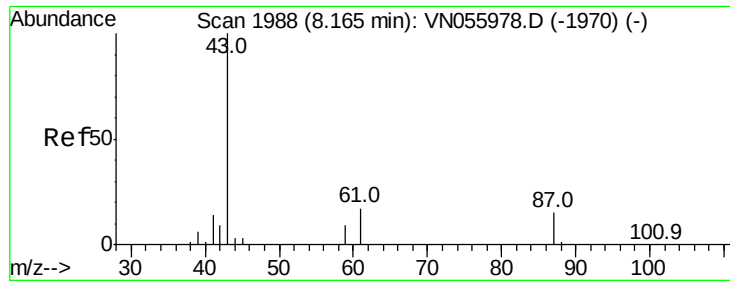
#35
 Dibromofluoromethane
 Concen: 51.251 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056313.D
 Acq: 14 Jun 2019 15:39

Tgt Ion:113 Resp: 176273
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 22.3 19.5 29.3



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: 1.940 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056313.D

Acq: 14 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB120583TB

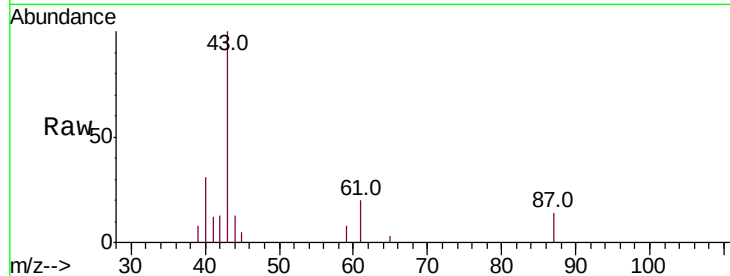
Tot Ion: 43 Resp: 13482

Ion Ratio Lower Upper

43 100

61 19.5 22.2 33.4#

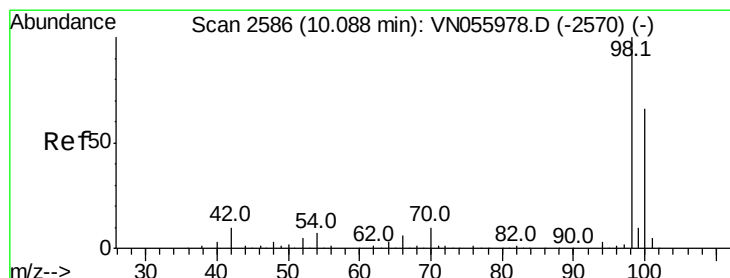
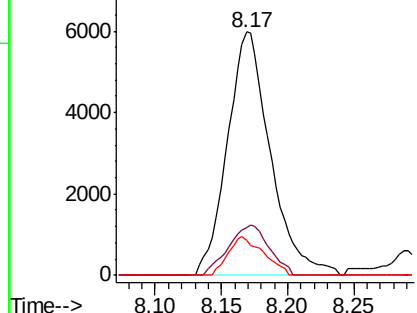
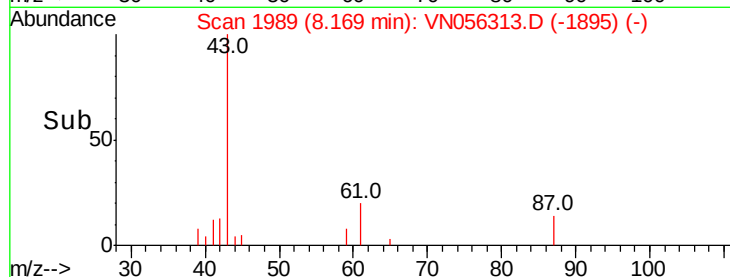
87 13.0 11.4 17.2



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: 53.676 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056313.D

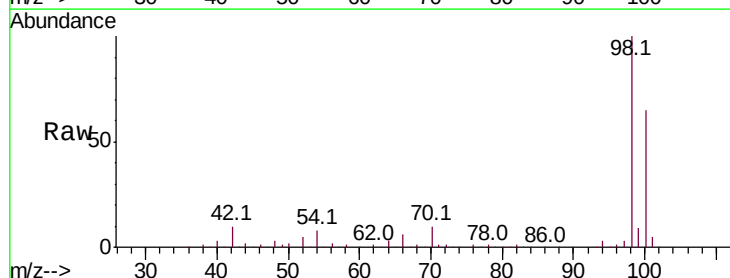
Acq: 14 Jun 2019 15:39

Tgt Ion: 98 Resp: 710385

Ion Ratio Lower Upper

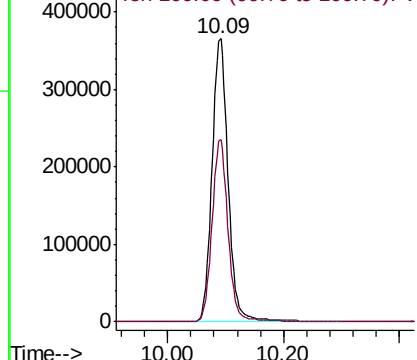
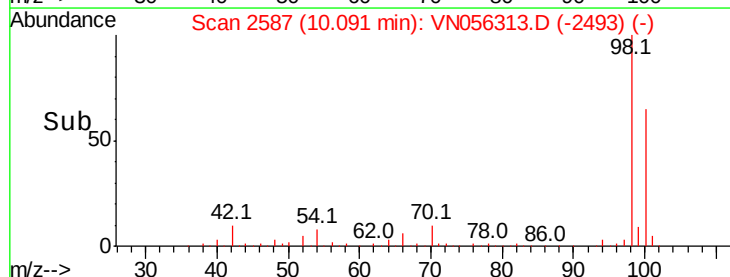
98 100

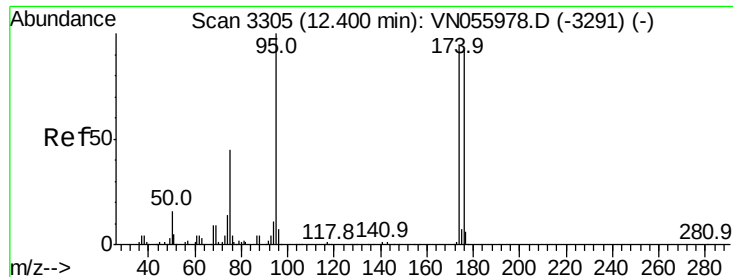
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.269 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056313.D

Acq: 14 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB120583TB

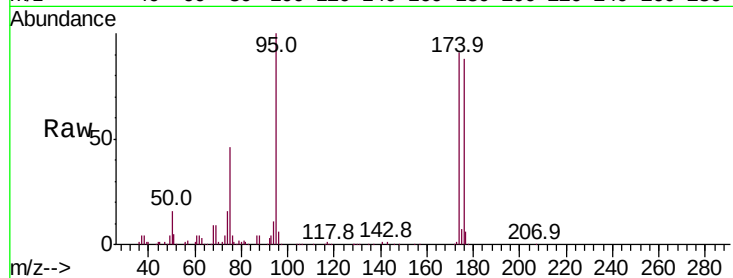
Tot Ion: 95 Resp: 221752

Ion Ratio Lower Upper

95 100

174 90.8 0.0 191.0

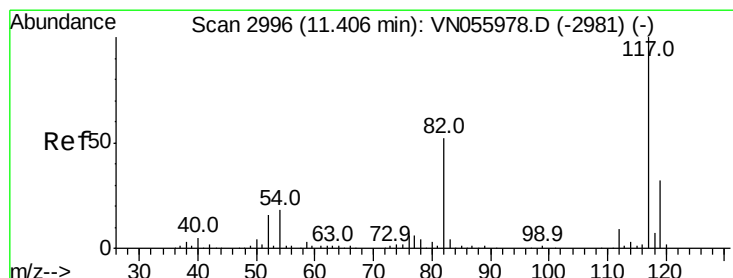
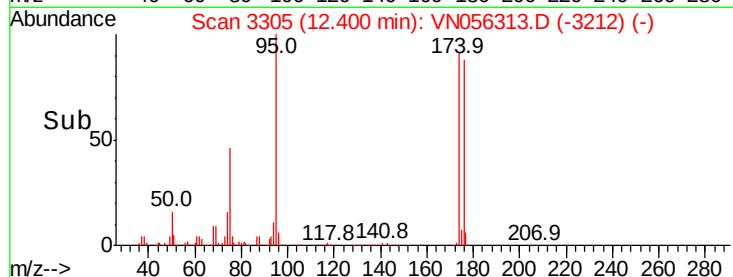
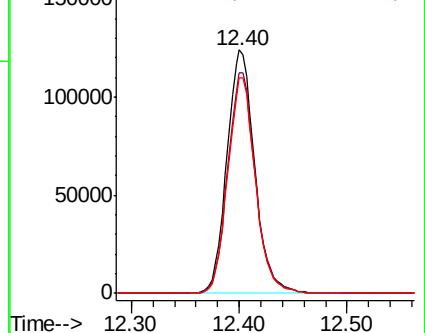
176 88.2 0.0 185.2



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: VN056313.D

Acq: 14 Jun 2019 15:39

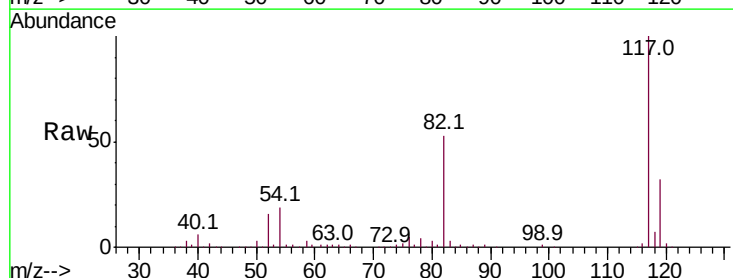
Tgt Ion: 117 Resp: 559877

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

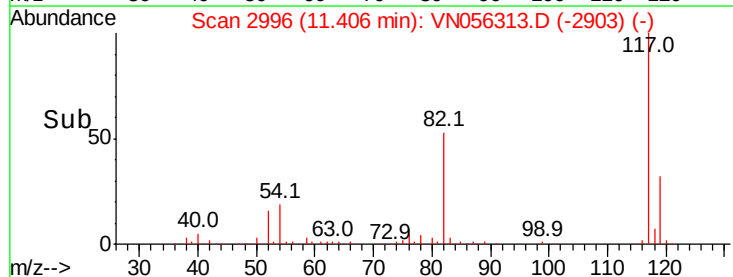
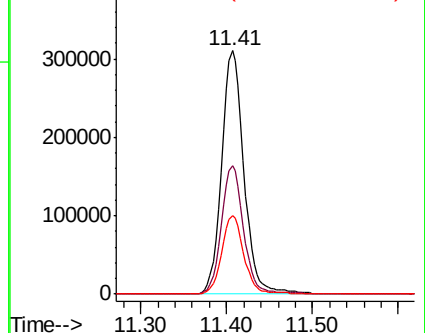
119 32.4 25.4 38.0

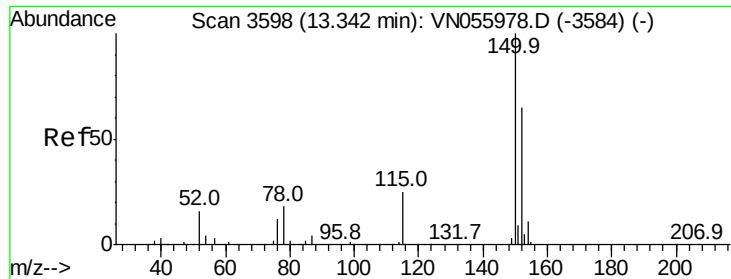


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN056313.D

Acq: 14 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB120583TB

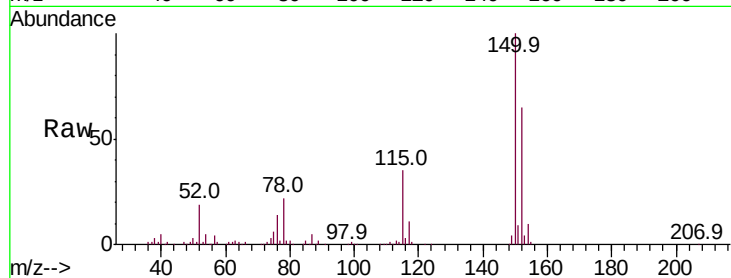
Tot Ion:152 Resp: 161640

Ion Ratio Lower Upper

152 100

115 54.7 27.0 81.0

150 155.2 0.0 343.2



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

