

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057321.D
 Acq On : 15 Aug 2019 11:02
 Operator : JC/SP
 Sample : PB122283TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122283TB

Quant Time: Aug 15 11:29:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 2019
 Response via : Initial Calibration

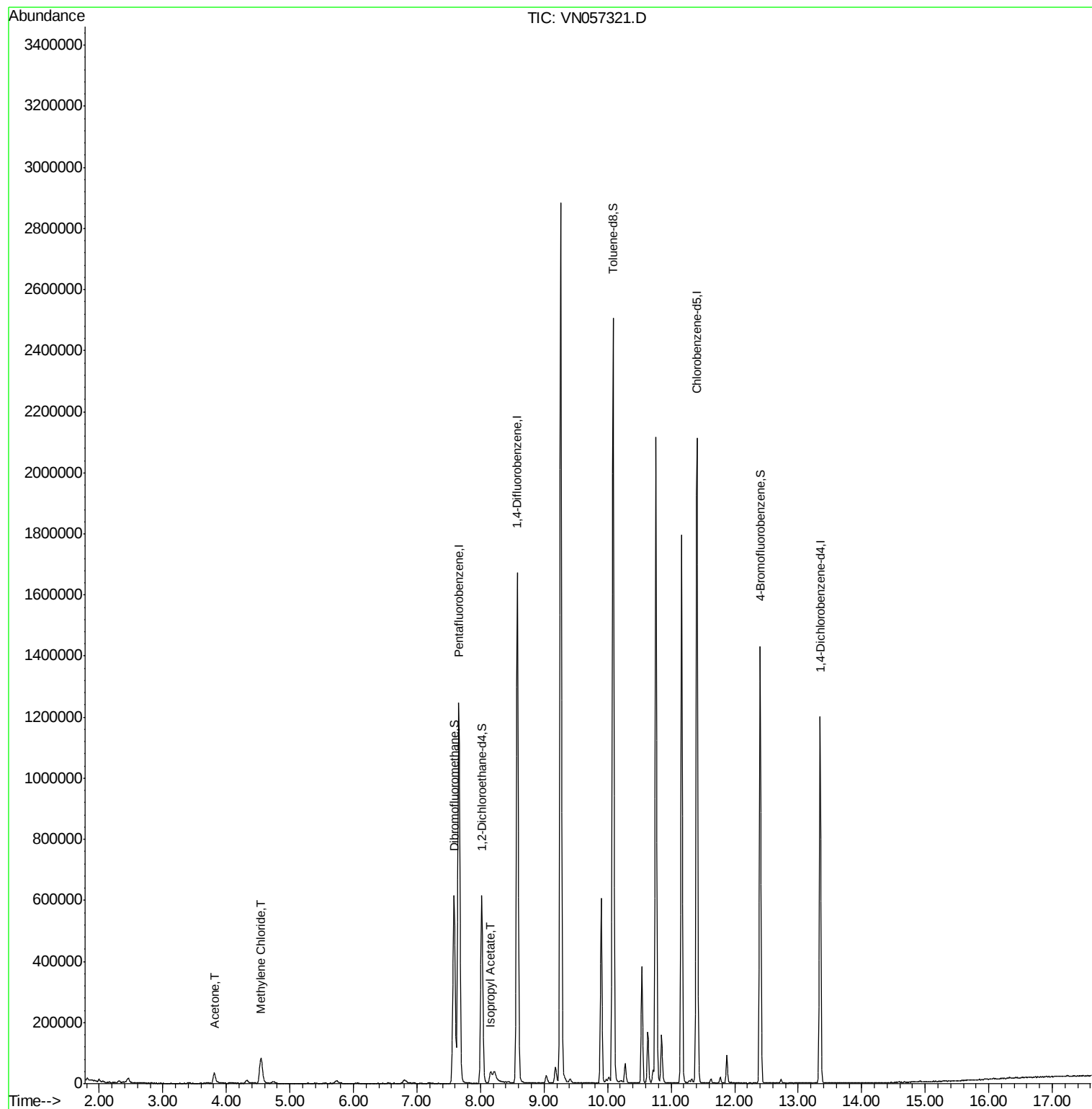
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1131813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1601378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1340634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	536667	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
35) Dibromofluoromethane	7.58	113	475470	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
50) Toluene-d8	10.09	98	1862368	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.40	95	497461	36.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.32%	
Target Compounds						
16) Acetone	3.81	43	57189	13.399	ug/l	96
20) Methylene Chloride	4.54	84	70265	5.884	ug/l	98
43) Isopropyl Acetate	8.16	43	51418	0.731	ug/l #	92

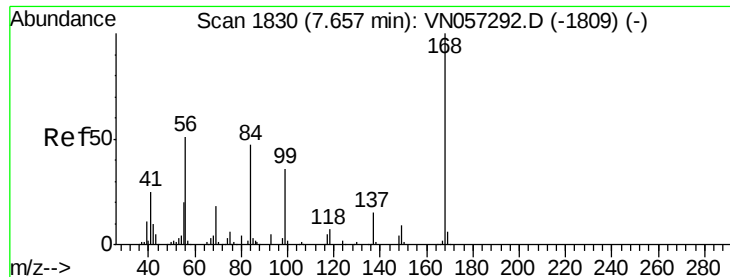
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081619\
Data File : VN057321.D
Acq On : 15 Aug 2019 11:02
Operator : JC/SP
Sample : PB122283TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB122283TB

Quant Time: Aug 15 11:29:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 08:22:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057321.D

Acq: 15 Aug 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

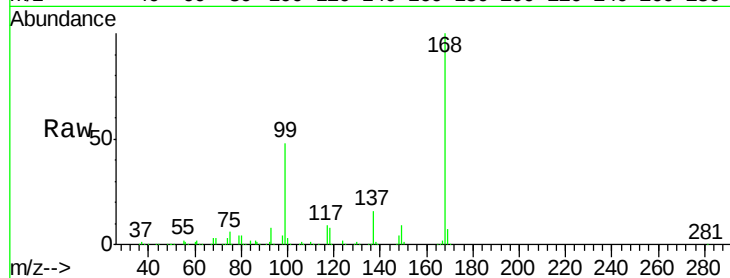
PB122283TB

Tot Ion:168 Resp: 1131813

Ion Ratio Lower Upper

168 100

99 48.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

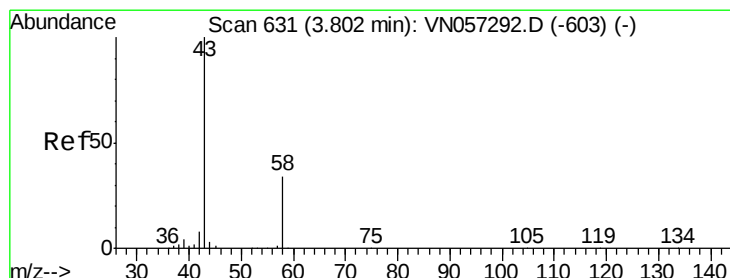
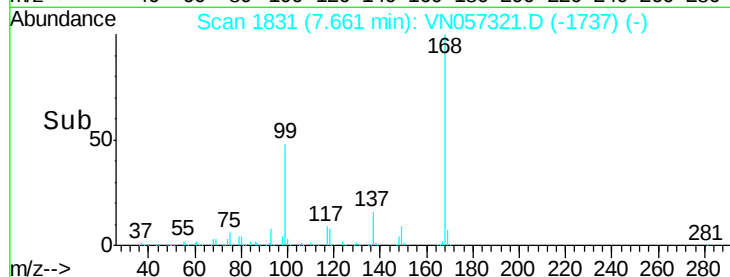
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.399 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057321.D

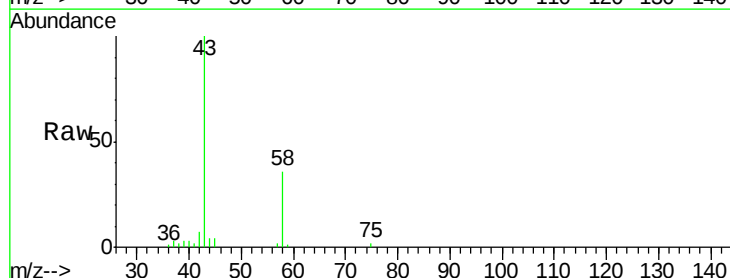
Acq: 15 Aug 2019 11:02

Tgt Ion: 43 Resp: 57189

Ion Ratio Lower Upper

43 100

58 35.9 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

20000

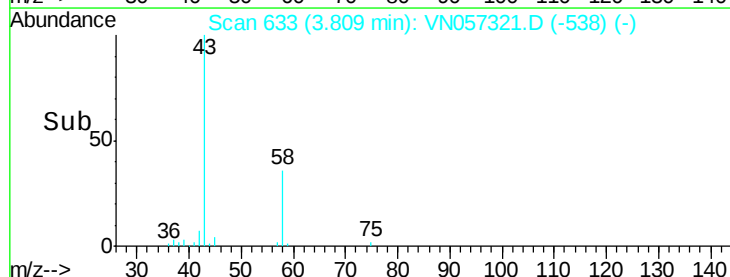
15000

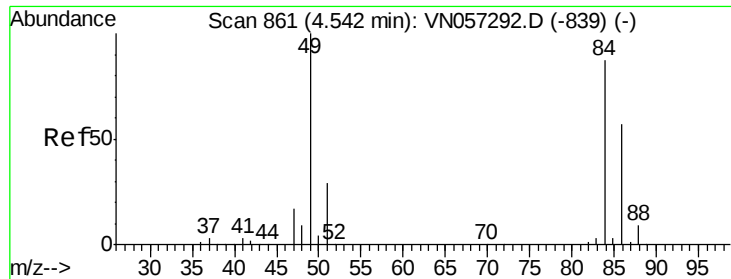
10000

5000

0

Time-->

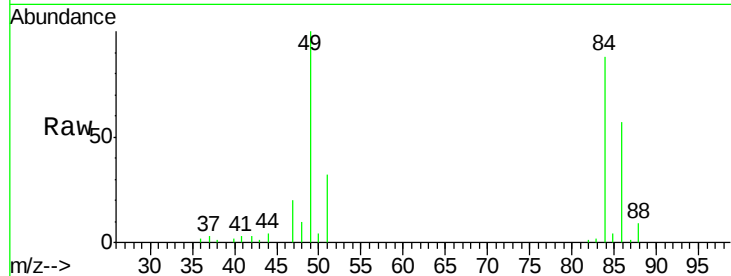




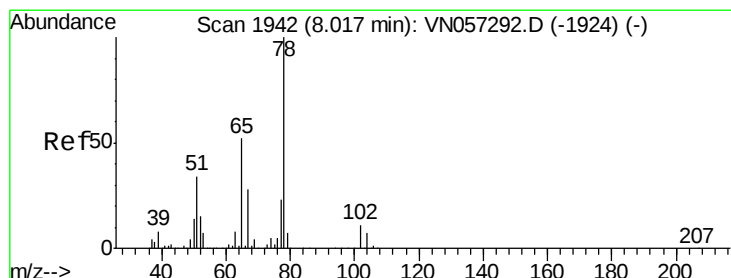
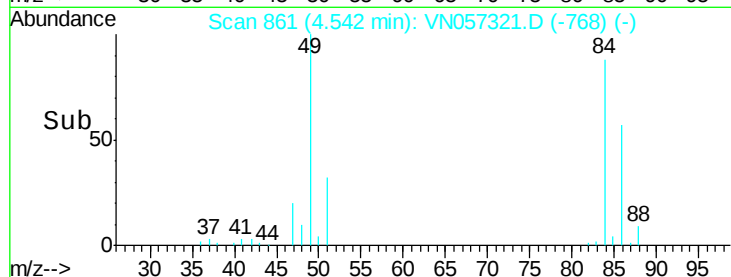
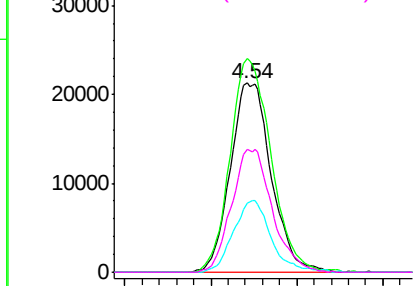
#20
Methylene Chloride
Concen: 5.884 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057321.D
Acq: 15 Aug 2019 11:02

Instrument :
MSVOA_N
ClientSampled :
PB122283TB

Tot Ion:	84	Resp:	70265
Ion	Ratio	Lower	Upper
84	100		
49	113.1	92.0	138.0
51	36.6	27.1	40.7
86	64.8	52.2	78.2

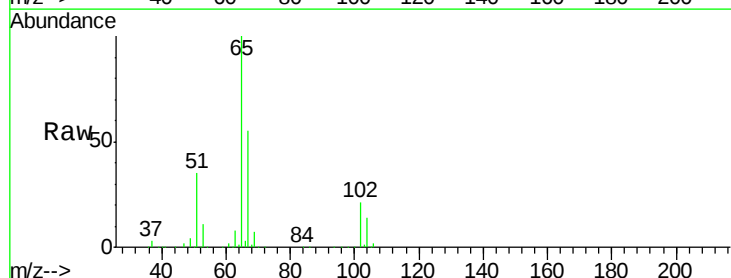


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

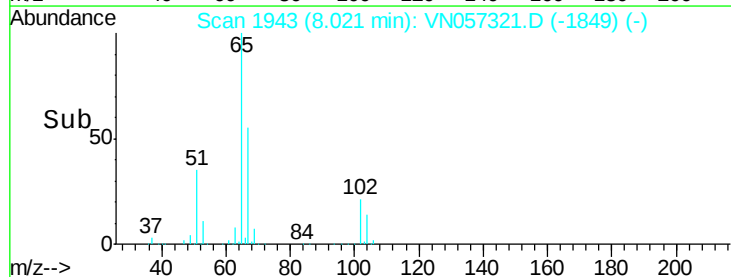
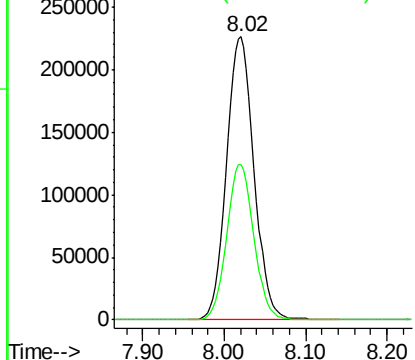


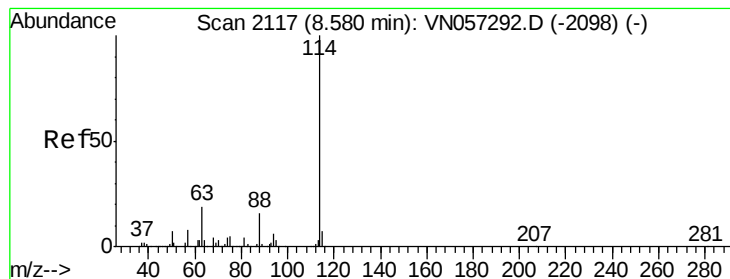
#33
1,2-Dichloroethane-d4
Concen: 43.617 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057321.D
Acq: 15 Aug 2019 11:02

Tgt Ion:	65	Resp:	536667
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.4



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: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057321.D

Acq: 15 Aug 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

PB122283TB

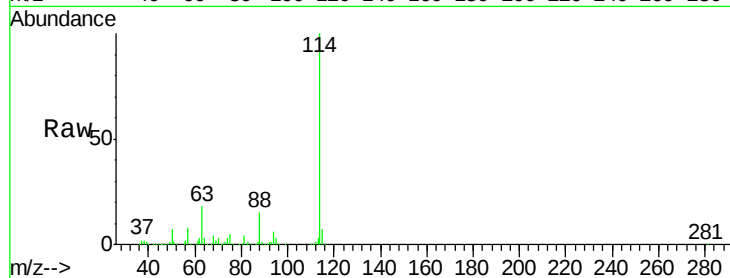
Tot Ion:114 Resp: 1601378

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.8

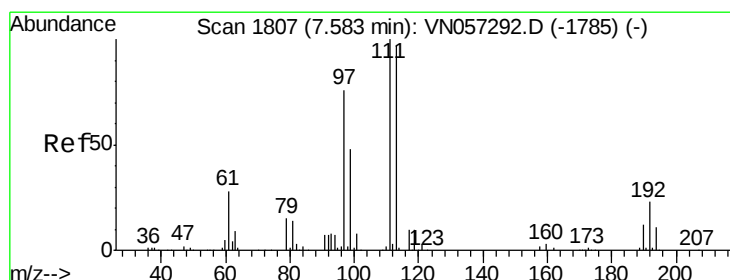
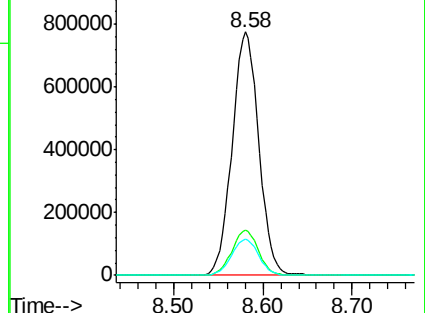
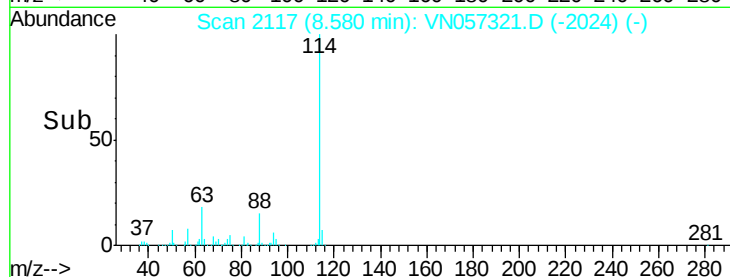
88 14.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 45.294 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057321.D

Acq: 15 Aug 2019 11:02

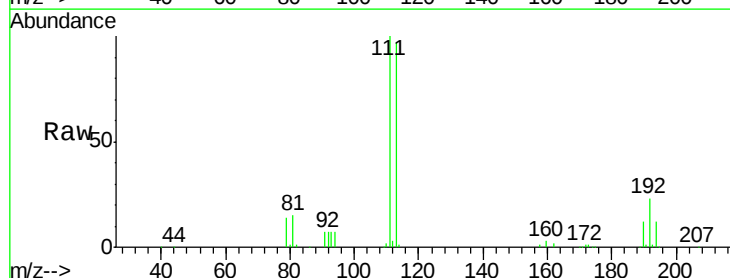
Tgt Ion:113 Resp: 475470

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

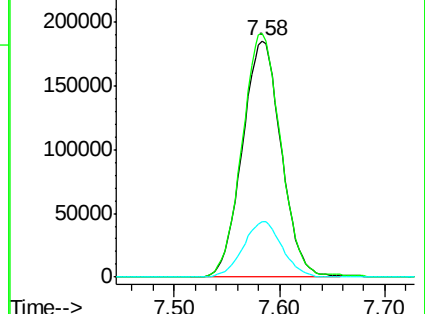
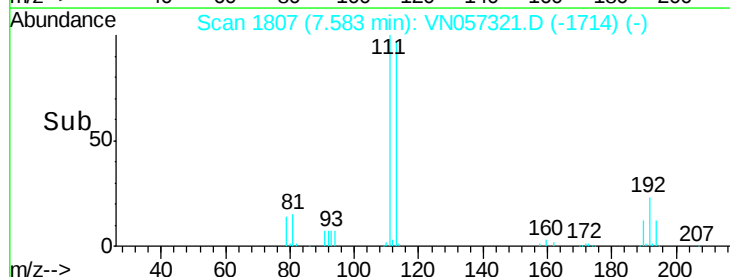
192 23.5 19.3 28.9

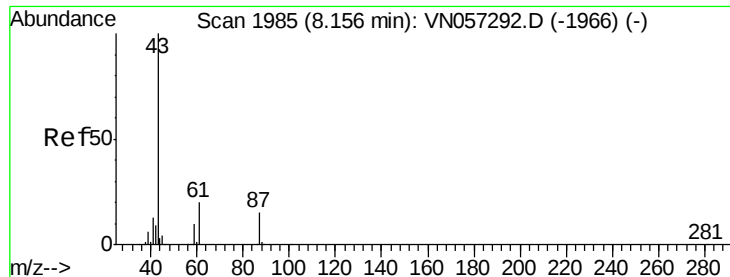


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 0.731 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057321.D

Acq: 15 Aug 2019 11:02

Instrument :

MSVOA_N

ClientSampleID :

PB122283TB

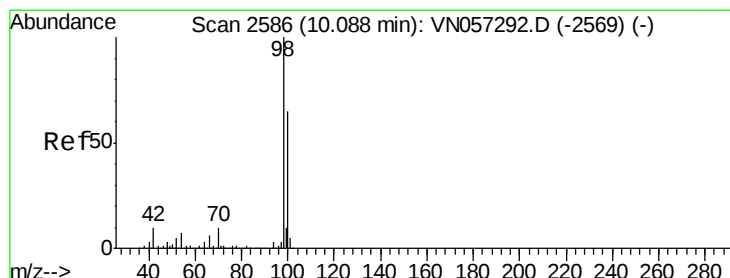
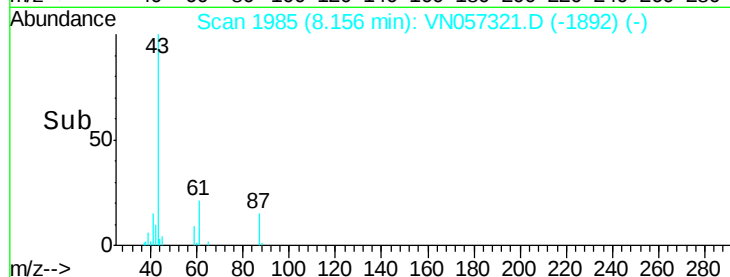
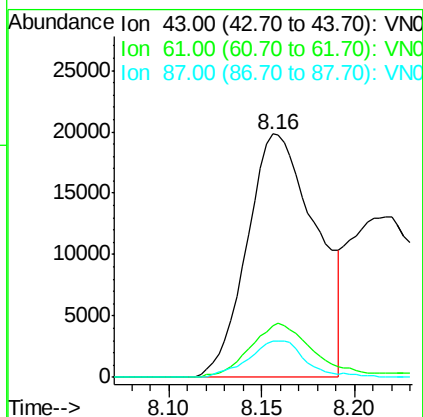
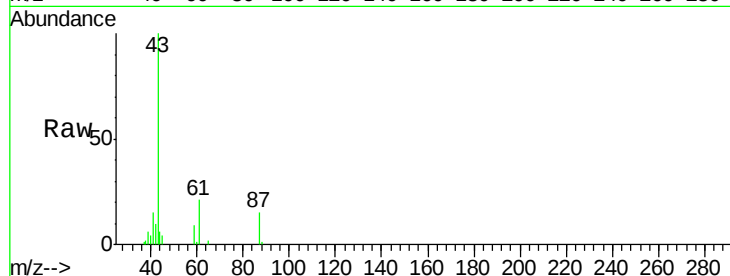
Tot Ion: 43 Resp: 51418

Ion Ratio Lower Upper

43 100

61 21.6 21.6 32.4#

87 12.5 11.4 17.0



#50

Toluene-d8

Concen: 48.506 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057321.D

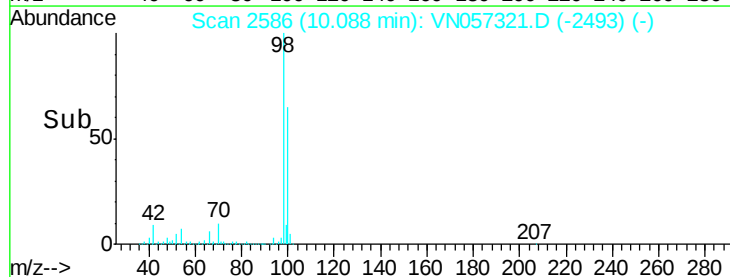
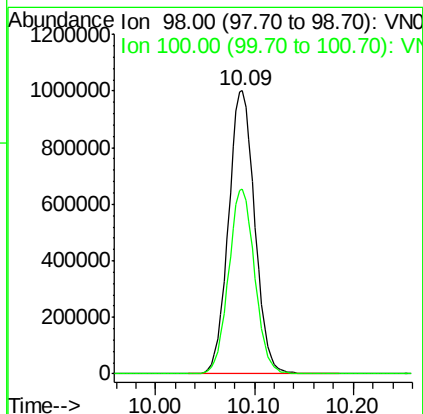
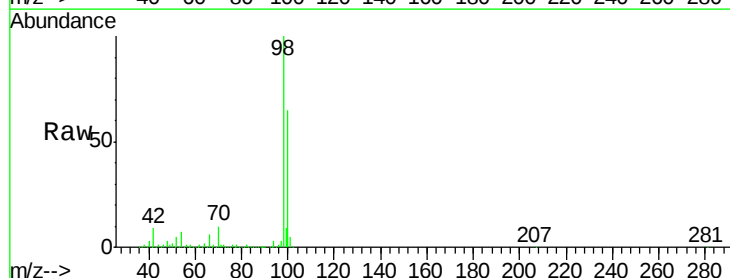
Acq: 15 Aug 2019 11:02

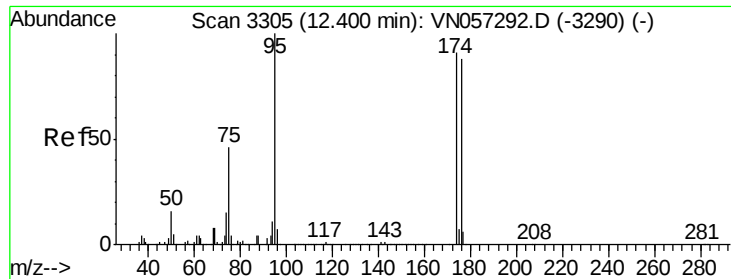
Tgt Ion: 98 Resp: 1862368

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.663 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057321.D

Acq: 15 Aug 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

PB122283TB

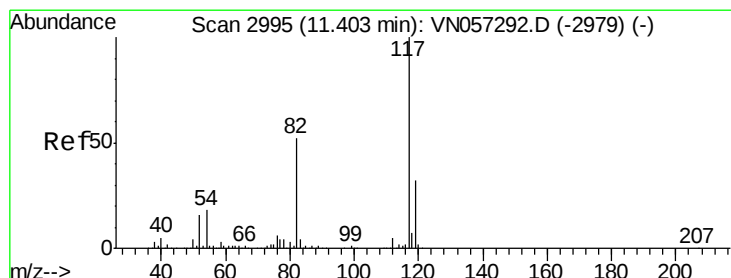
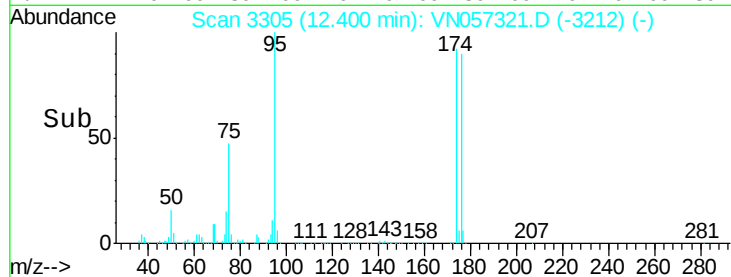
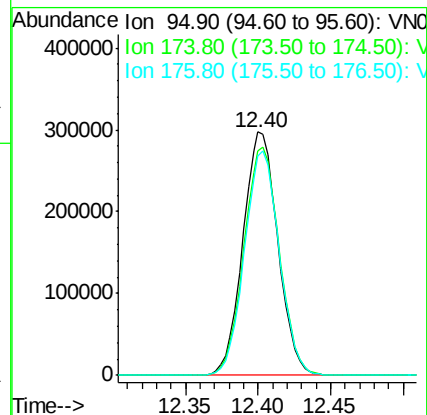
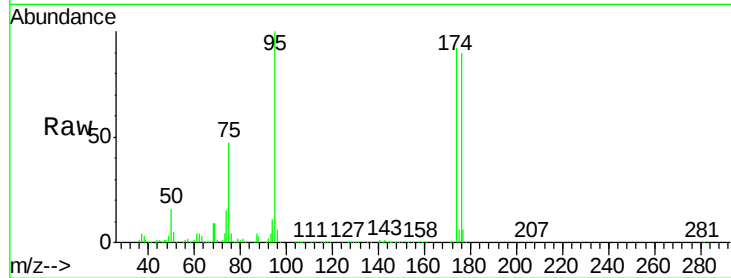
Tot Ion: 95 Resp: 497461

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.0

176 91.8 0.0 181.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057321.D

Acq: 15 Aug 2019 11:02

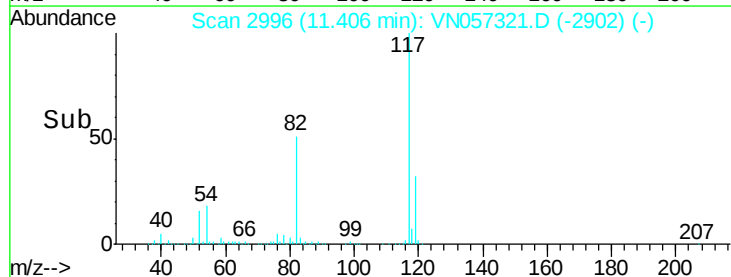
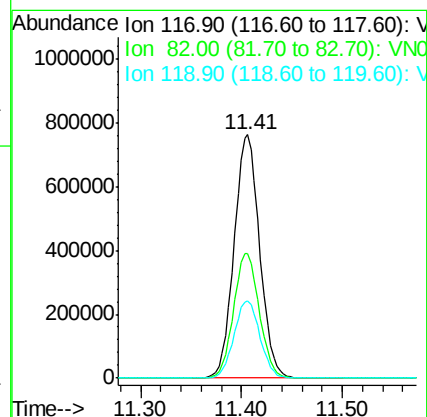
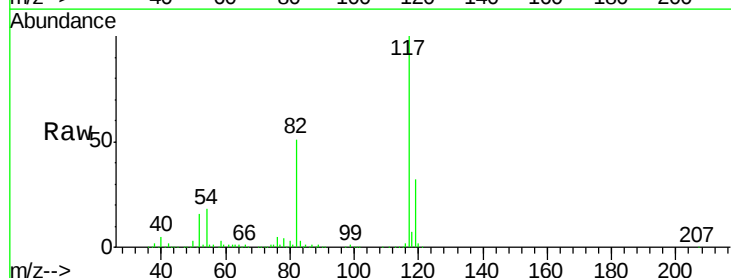
Tgt Ion: 117 Resp: 1340634

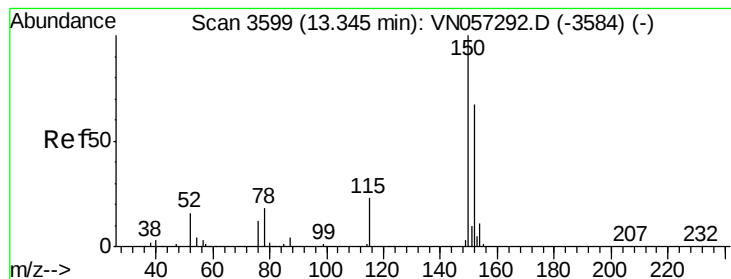
Ion Ratio Lower Upper

117 100

82 51.2 41.2 61.8

119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057321.D

Acq: 15 Aug 2019 11:02

Instrument :

MSVOA_N

ClientSampleId :

PB122283TB

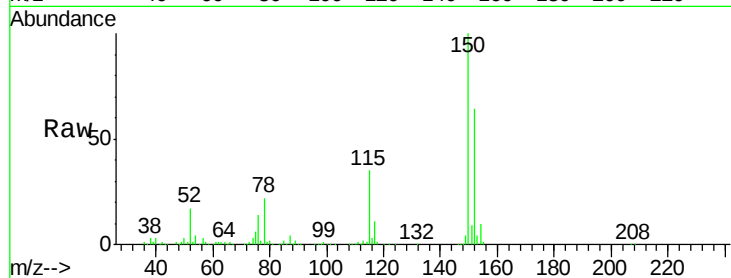
Tot Ion:152 Resp: 350366

Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

150 158.9 0.0 344.4



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

