

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057320.D
 Acq On : 15 Aug 2019 10:38
 Operator : JC/SP
 Sample : PB122280TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122280TB

Quant Time: Aug 15 11:30:27 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

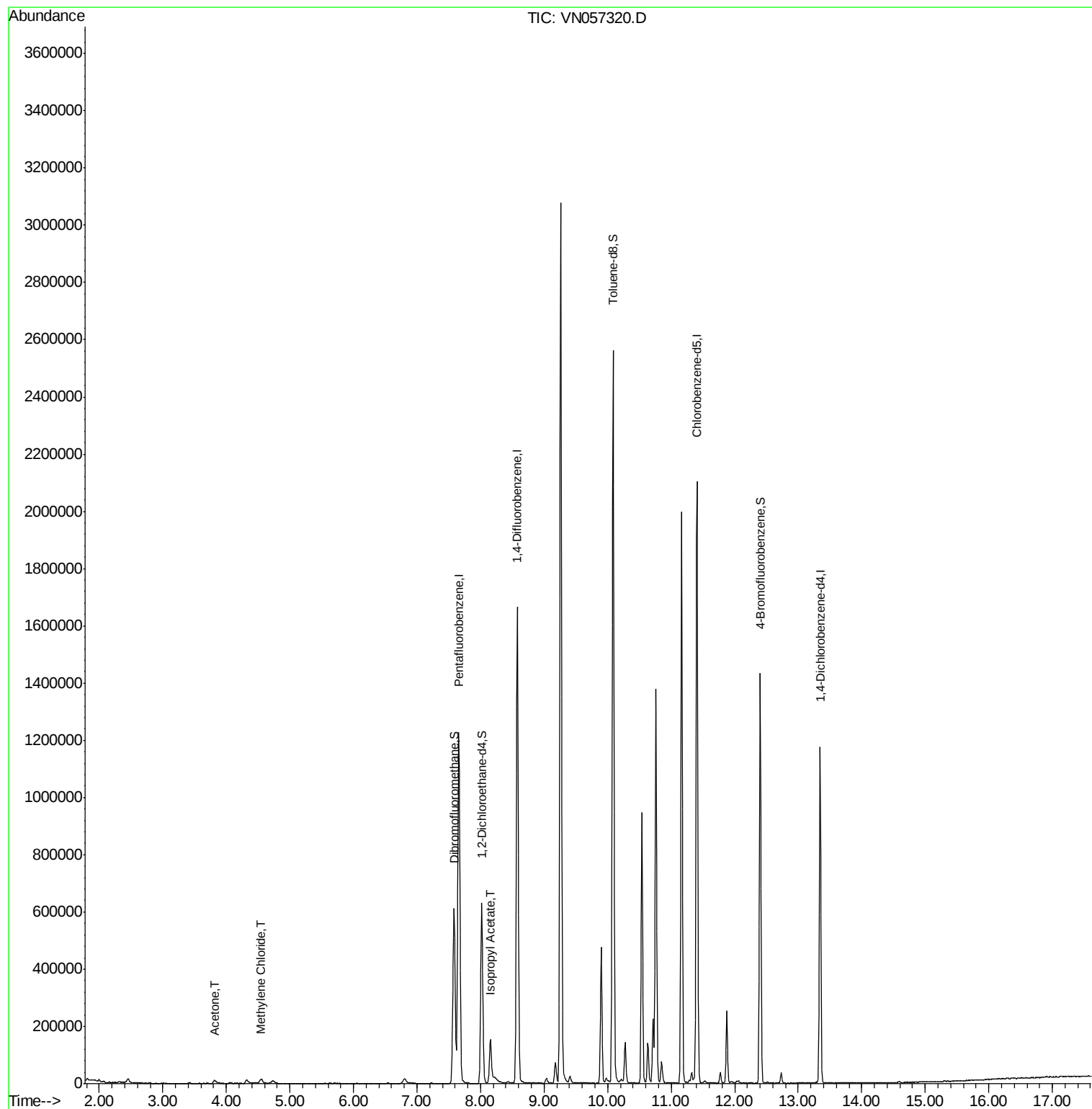
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1126232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1580555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1335164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	346915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	534745	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
35) Dibromofluoromethane	7.58	113	474721	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
50) Toluene-d8	10.09	98	1851179	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.40	95	500036	37.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.68%	
Target Compounds						
16) Acetone	3.81	43	15549	3.661	ug/l	99
20) Methylene Chloride	4.54	84	12333	1.038	ug/l #	86
43) Isopropyl Acetate	8.16	43	191505	7.658	ug/l #	91

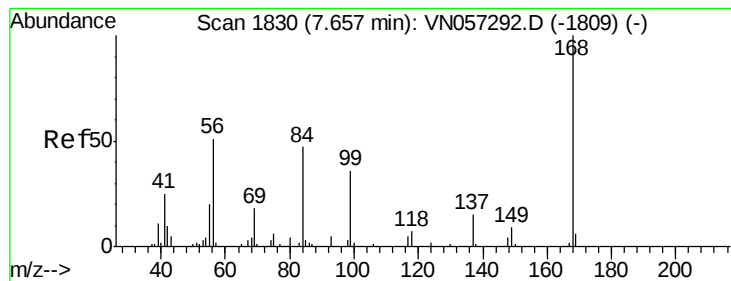
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057320.D

Acq: 15 Aug 2019 10:38

Instrument :

MSVOA_N

ClientSampleId :

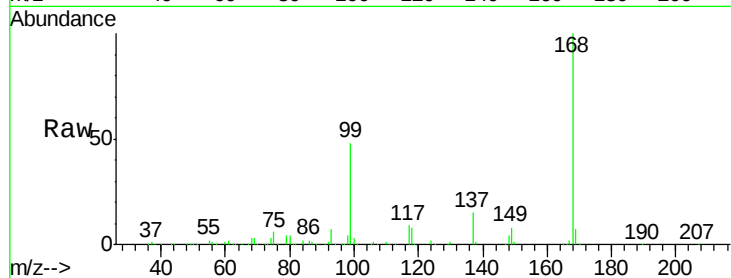
PB122280TB

Tot Ion:168 Resp: 1126232

Ion Ratio Lower Upper

168 100

99 48.0 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

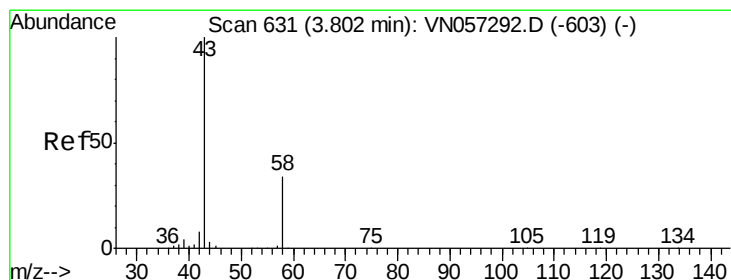
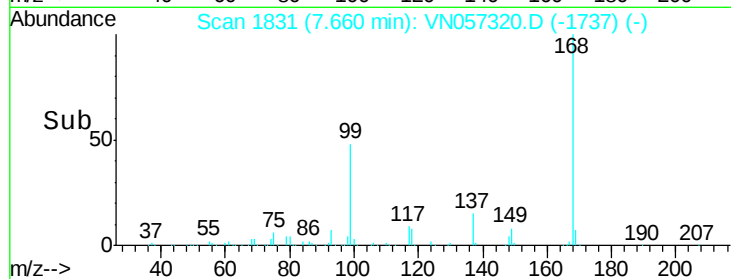
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.661 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057320.D

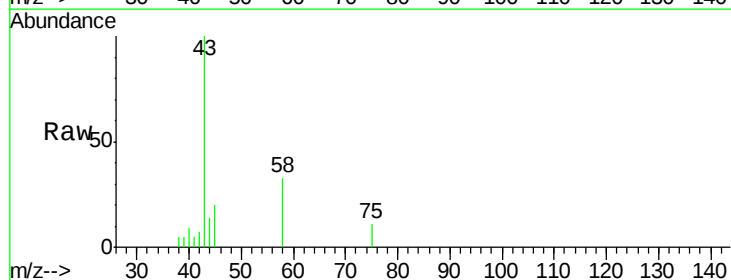
Acq: 15 Aug 2019 10:38

Tgt Ion: 43 Resp: 15549

Ion Ratio Lower Upper

43 100

58 33.3 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

6000

5000

4000

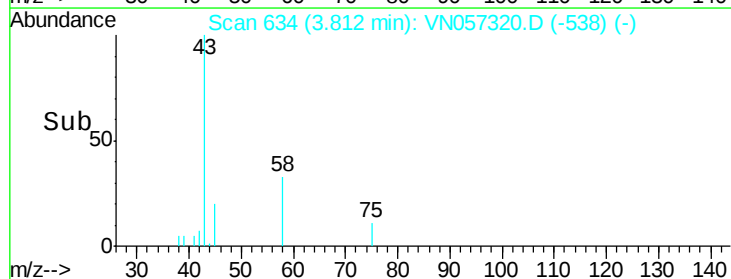
3000

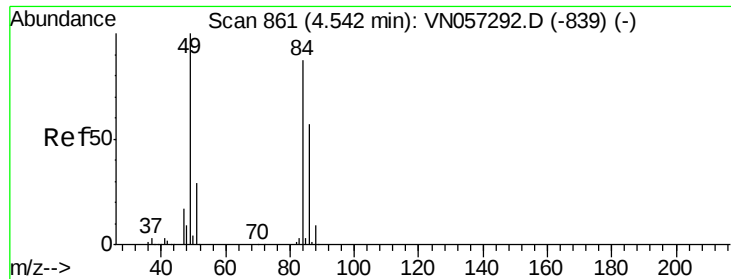
2000

1000

0

Time-->

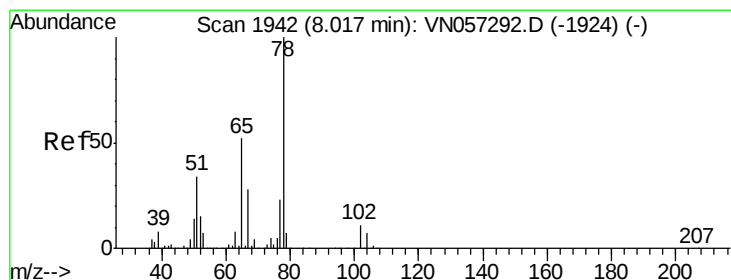
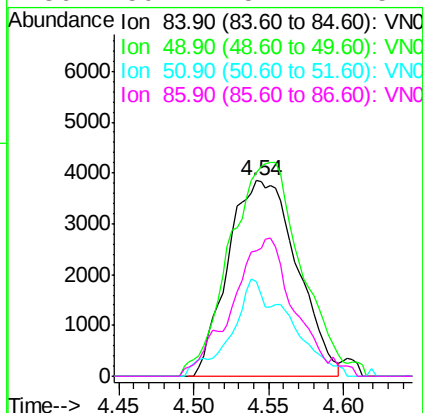
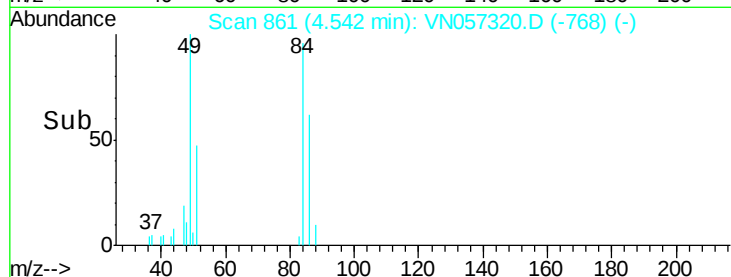
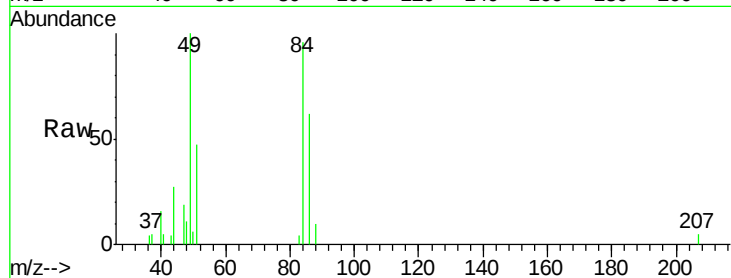




#20
Methvlene Chloride
Concen: 1.038 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN057320.D
Acq: 15 Aug 2019 10:38

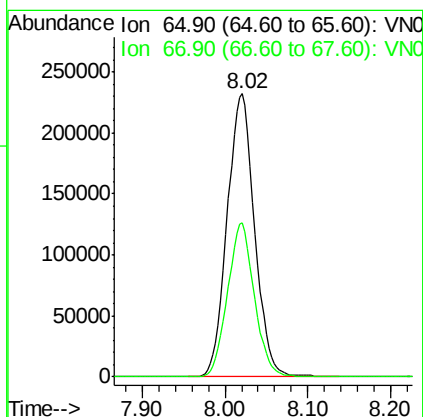
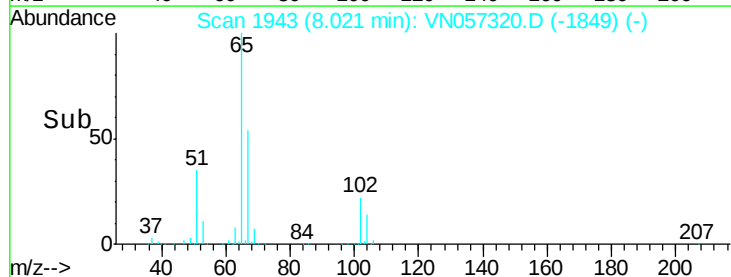
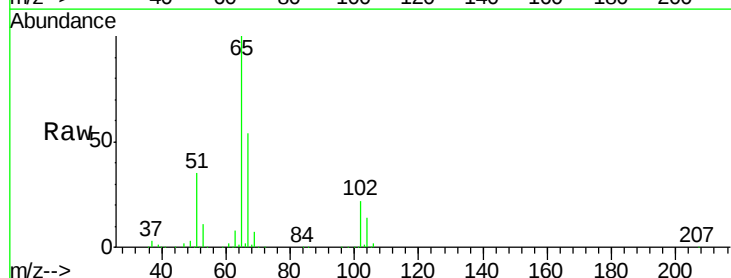
Instrument :
MSVOA_N
ClientSampled :
PB122280TB

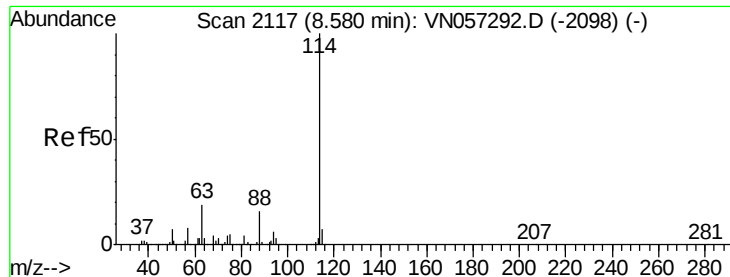
Tot Ion: 84 Resp: 12333
Ion Ratio Lower Upper
84 100
49 96.9 92.0 138.0
51 44.4 27.1 40.7#
86 59.4 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 43.676 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057320.D
Acq: 15 Aug 2019 10:38

Tgt Ion: 65 Resp: 534745
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN057320.D

Acq: 15 Aug 2019 10:38

Instrument :

MSVOA_N

ClientSampleId :

PB122280TB

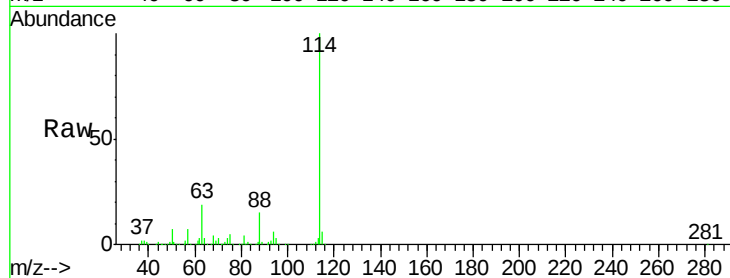
Tot Ion:114 Resp: 1580555

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

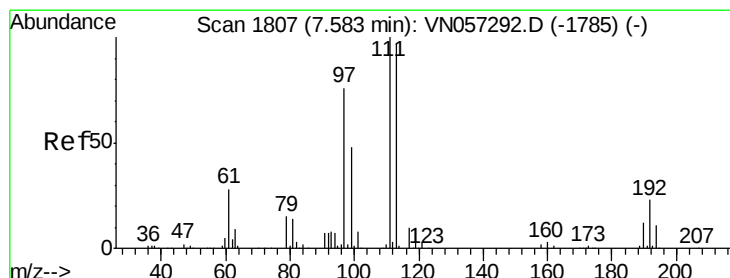
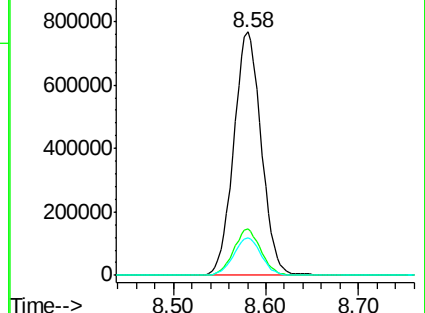
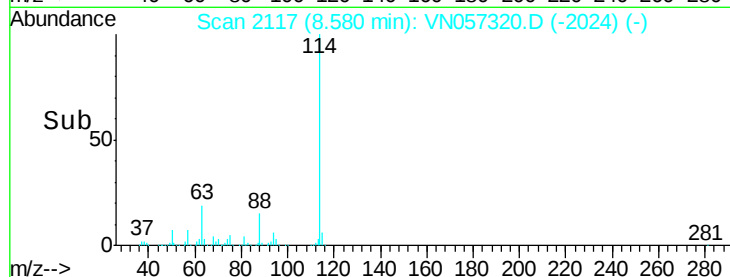
88 15.2 0.0 31.4



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: 45.819 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN057320.D

Acq: 15 Aug 2019 10:38

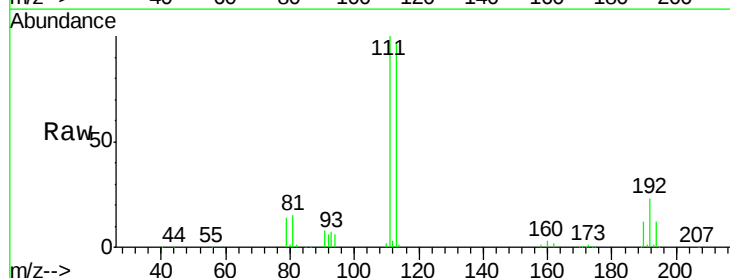
Tgt Ion:113 Resp: 474721

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

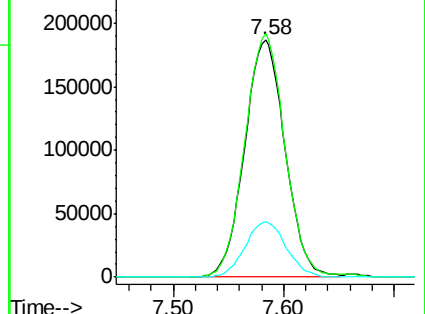
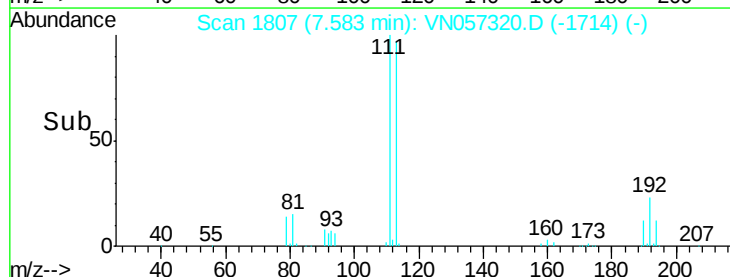
192 23.8 19.3 28.9

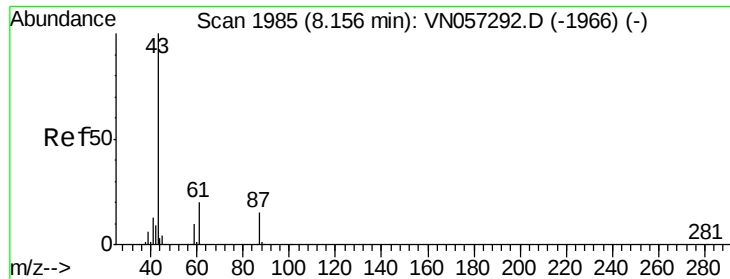


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.658 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057320.D

Acq: 15 Aug 2019 10:38

Instrument :

MSVOA_N

ClientSampleID :

PB122280TB

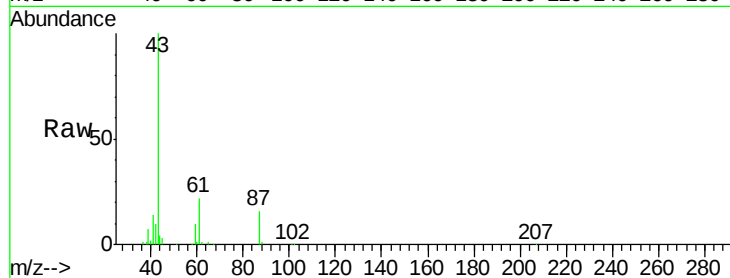
Tot Ion: 43 Resp: 191505

Ion Ratio Lower Upper

43 100

61 20.3 21.6 32.4#

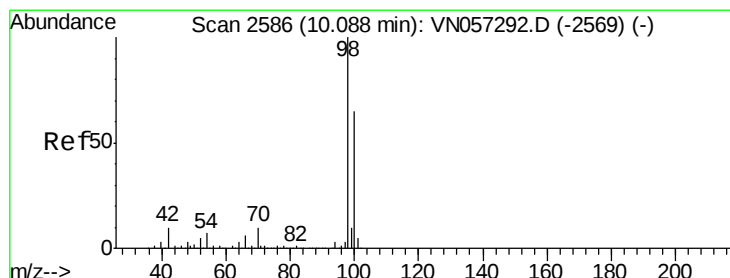
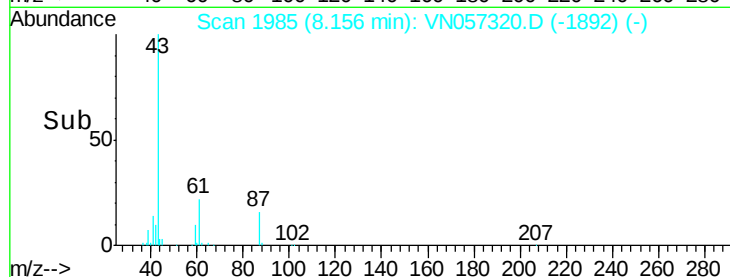
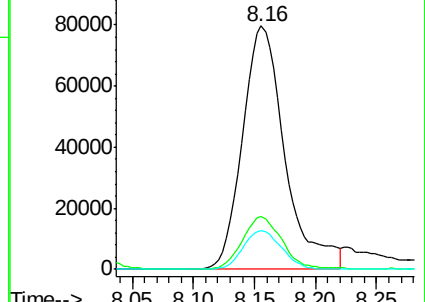
87 14.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN057320.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057320.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057320.D (-1966) (-)



#50

Toluene-d8

Concen: 48.850 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057320.D

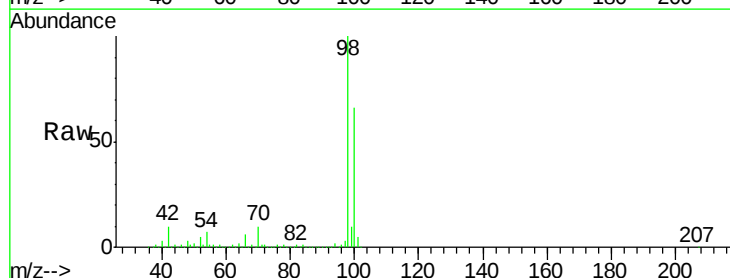
Acq: 15 Aug 2019 10:38

Tgt Ion: 98 Resp: 1851179

Ion Ratio Lower Upper

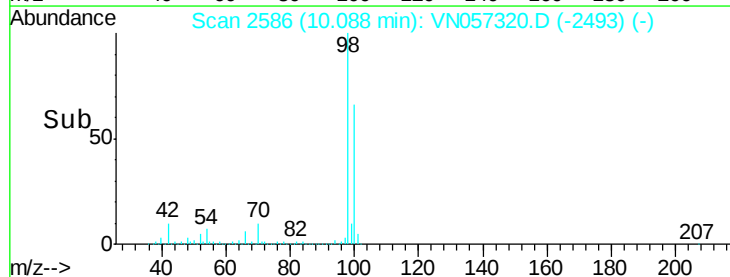
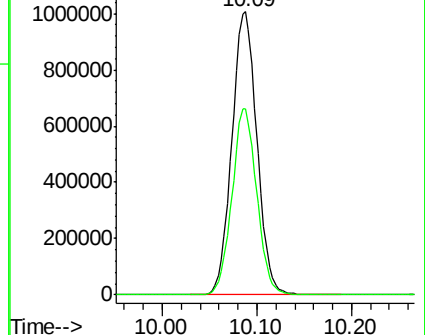
98 100

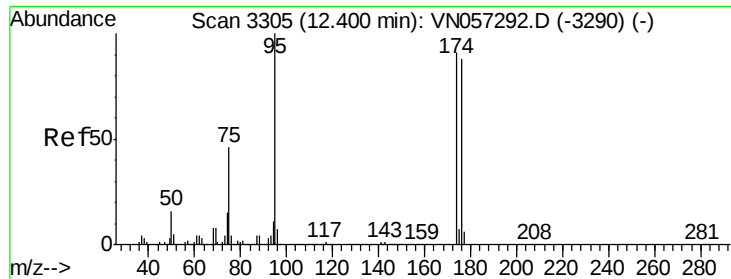
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057320.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057320.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 37.339 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057320.D

Acq: 15 Aug 2019 10:38

Instrument :

MSVOA_N

ClientSampleId :

PB122280TB

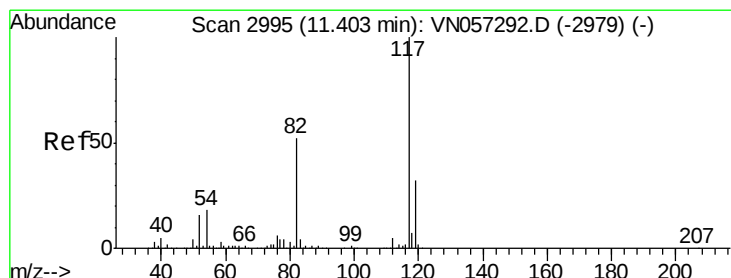
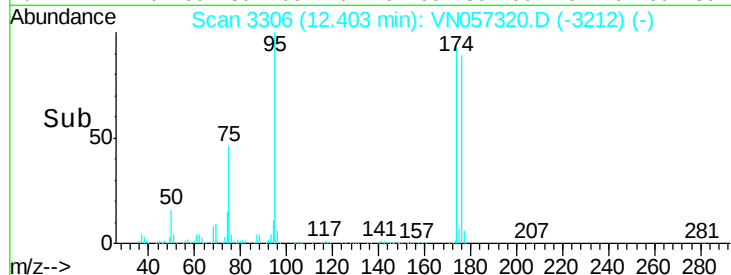
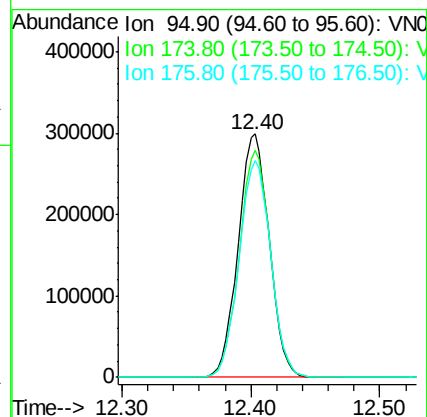
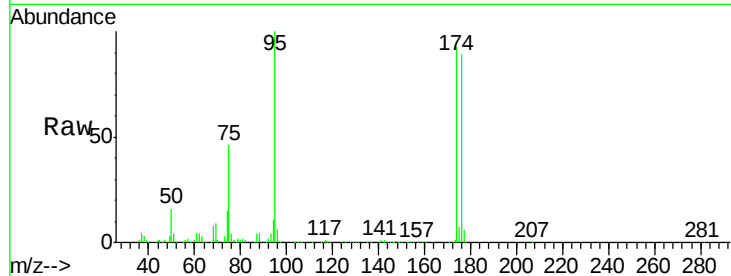
Tot Ion: 95 Resp: 500036

Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.0

176 90.5 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: VN057320.D

Acq: 15 Aug 2019 10:38

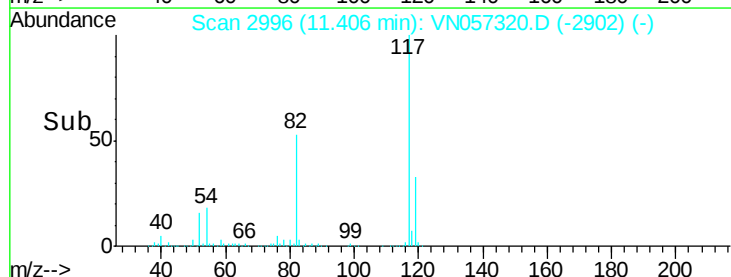
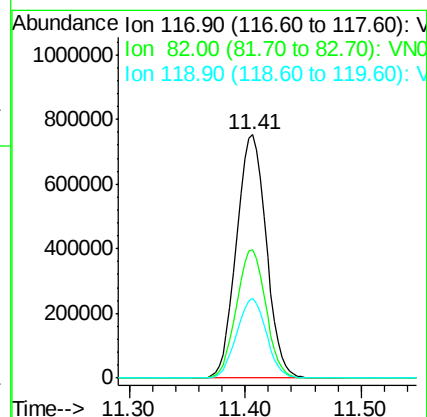
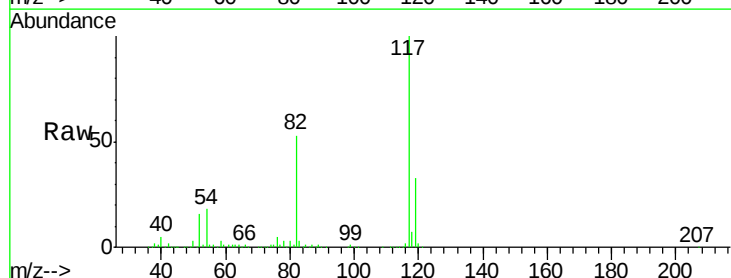
Tgt Ion: 117 Resp: 1335164

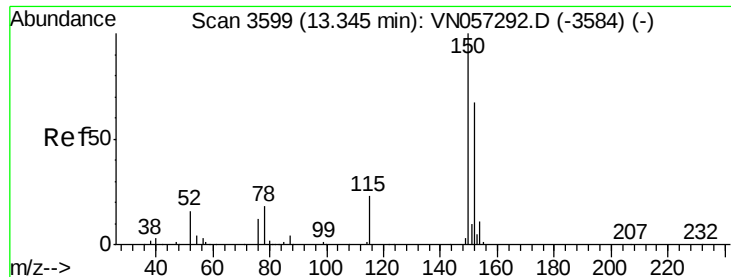
Ion Ratio Lower Upper

117 100

82 52.8 41.2 61.8

119 32.6 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: VN057320.D

Acq: 15 Aug 2019 10:38

Instrument :

MSVOA_N

ClientSampleId :

PB122280TB

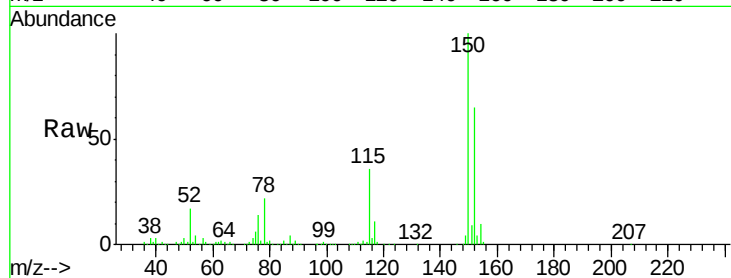
Tot Ion:152 Resp: 346915

Ion Ratio Lower Upper

152 100

115 54.8 27.3 81.9

150 156.0 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

