

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057082.D
 Acq On : 5 Aug 2019 15:15
 Operator : JC/SP
 Sample : PB121997TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121997TB

Quant Time: Aug 06 02:17:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

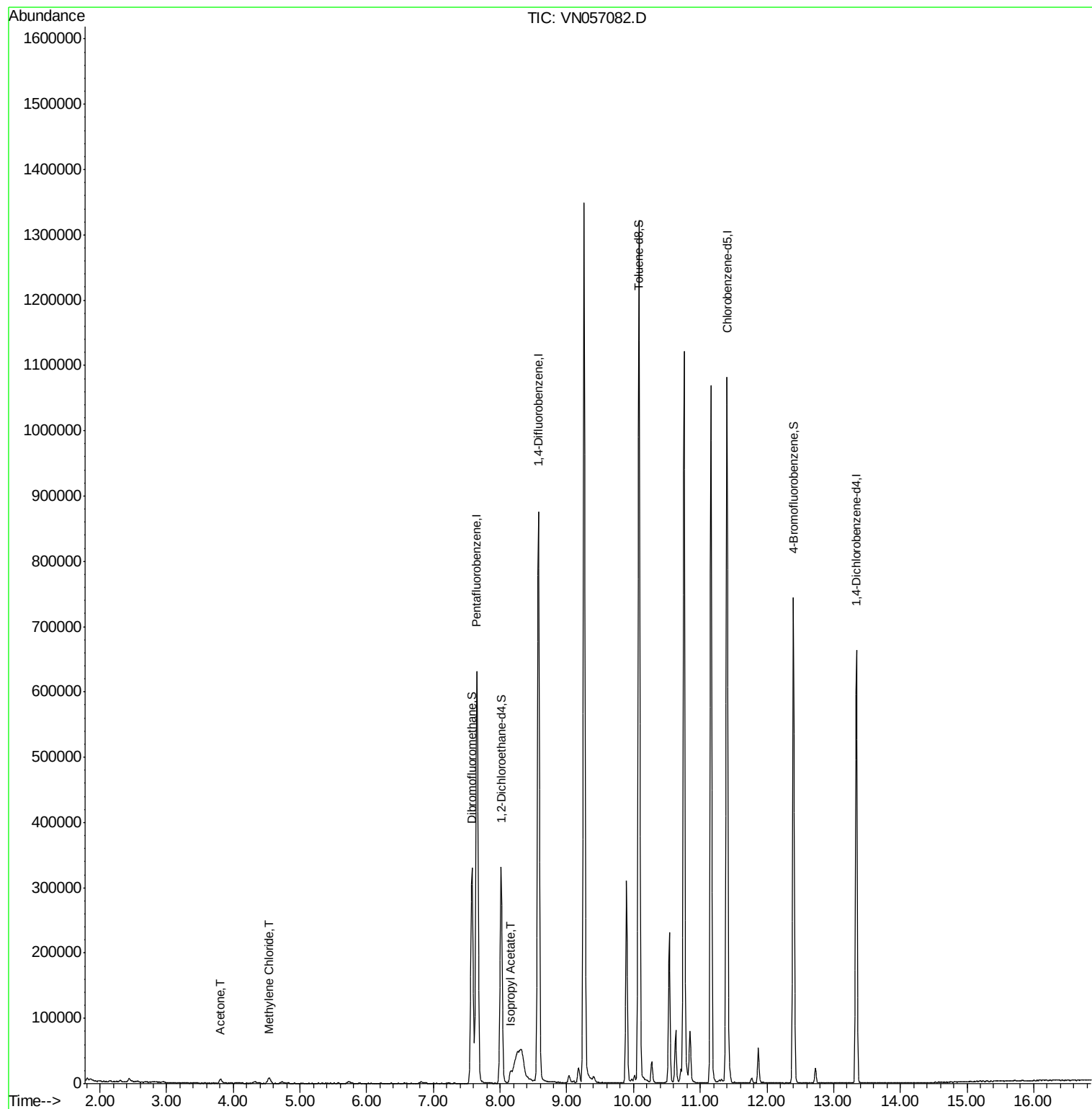
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	568081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	839057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	703811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	276708	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
35) Dibromofluoromethane	7.58	113	255389	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	10.08	98	978115	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.40	95	263030	39.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.88%	
Target Compounds						
16) Acetone	3.81	43	12075	5.732	ug/l	93
20) Methylene Chloride	4.54	84	6922	1.141	ug/l #	91
43) Isopropyl Acetate	8.16	43	22611	2.313	ug/l #	89

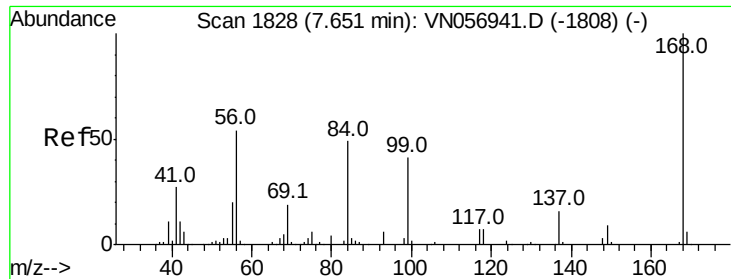
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057082.D

Acq: 5 Aug 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

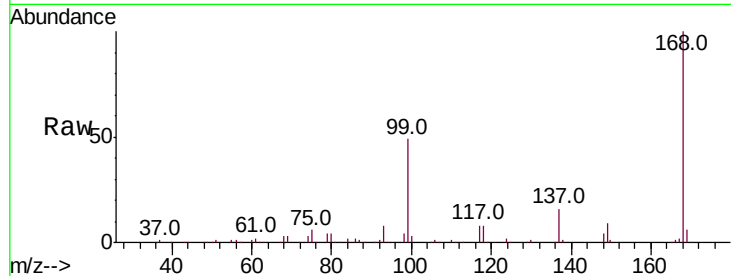
PB121997TB

Tot Ion:168 Resp: 568081

Ion Ratio Lower Upper

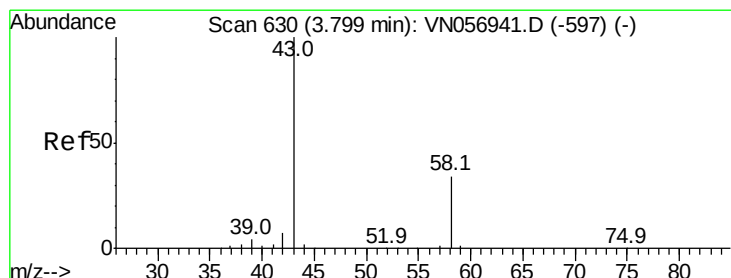
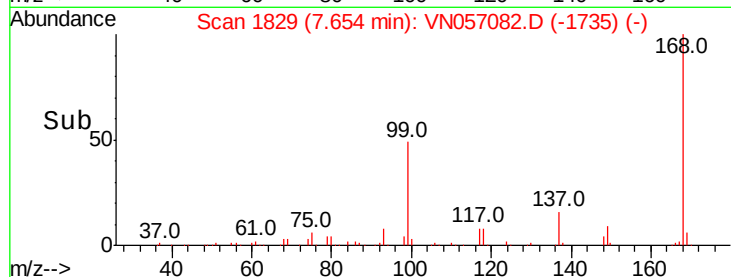
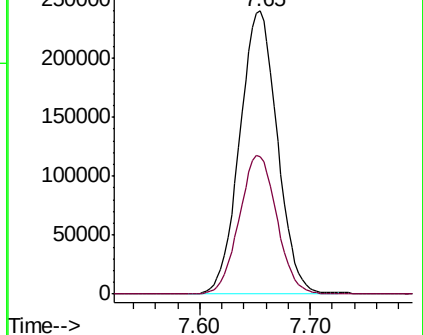
168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)



#16

Acetone

Concen: 5.732 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057082.D

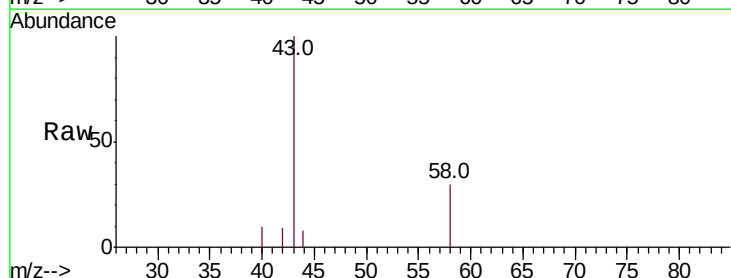
Acq: 5 Aug 2019 15:15

Tgt Ion: 43 Resp: 12075

Ion Ratio Lower Upper

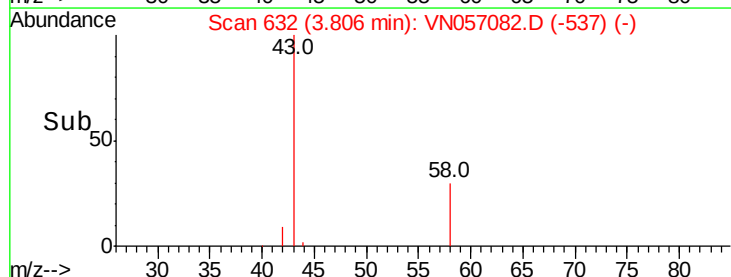
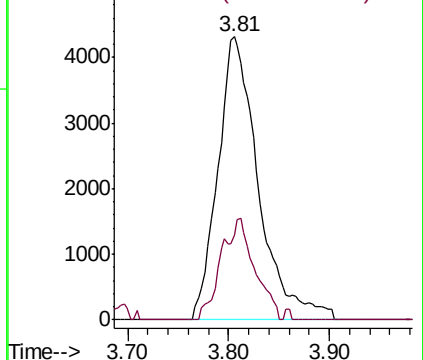
43 100

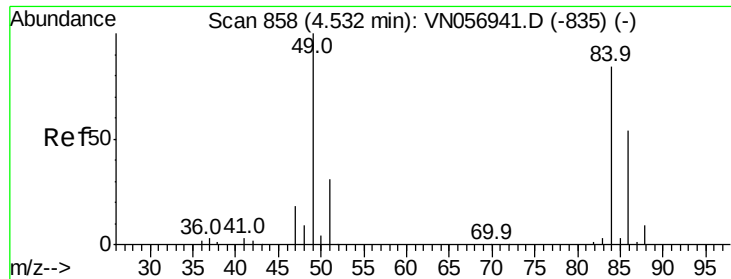
58 30.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-597) (-)

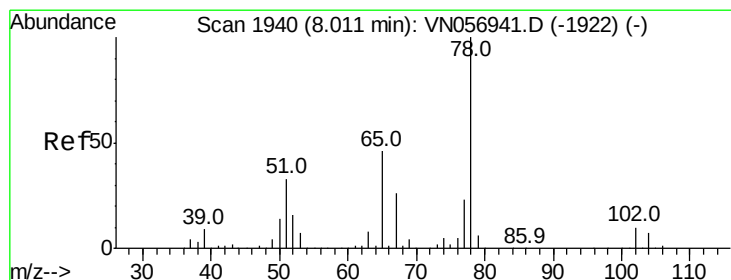
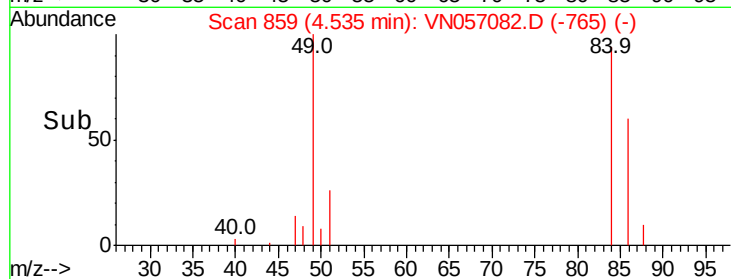
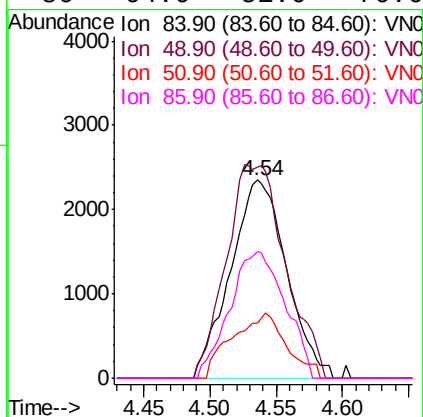
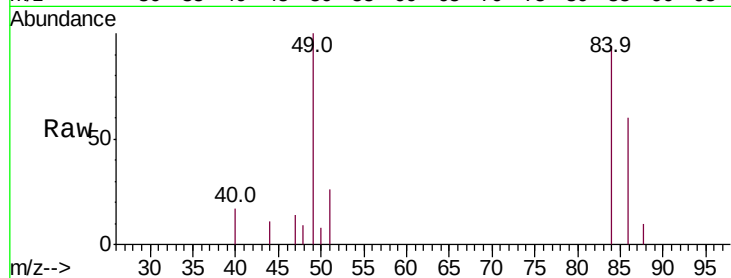




#20
Methvlene Chloride
Concen: 1.141 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057082.D
Acq: 5 Aug 2019 15:15

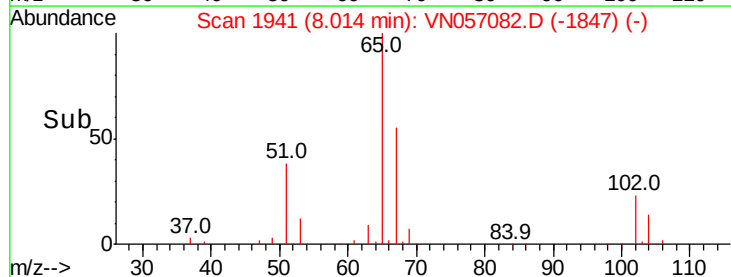
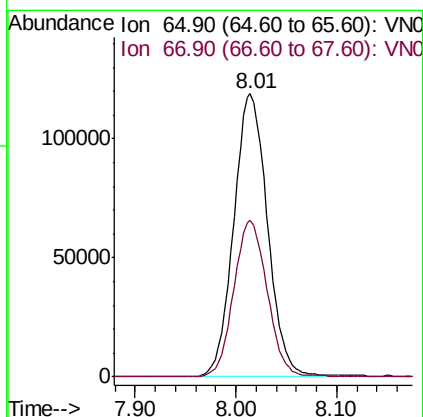
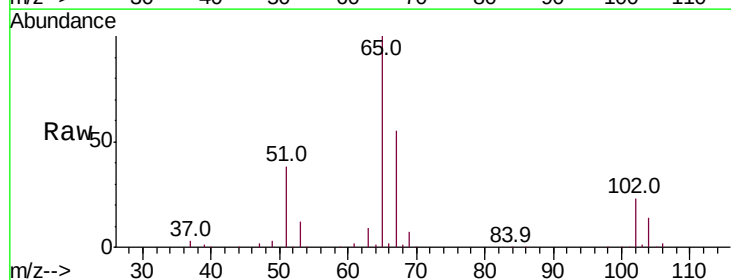
Instrument :
MSVOA_N
ClientSampleId :
PB121997TB

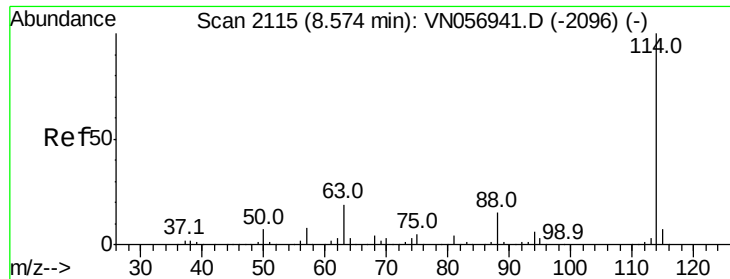
Tot Ion: 84 Resp: 6922
Ion Ratio Lower Upper
84 100
49 106.3 95.2 142.8
51 27.6 29.7 44.5#
86 64.0 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 47.584 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057082.D
Acq: 5 Aug 2019 15:15

Tgt Ion: 65 Resp: 276708
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.0

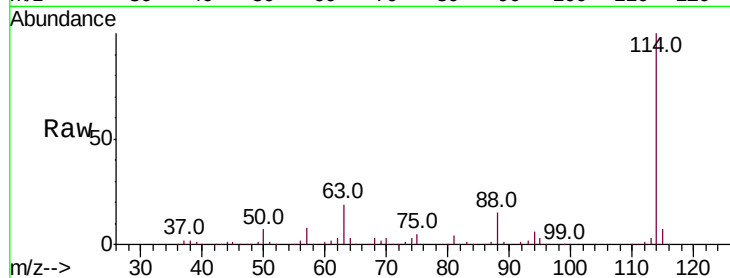




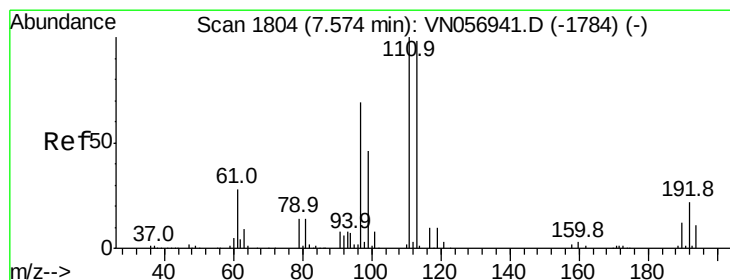
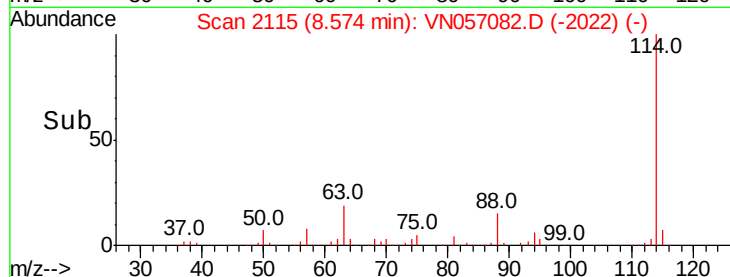
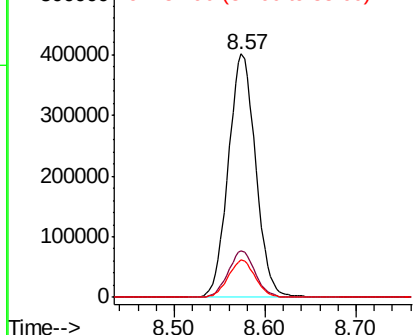
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057082.D
 Acq: 5 Aug 2019 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121997TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.0
88	15.2	0.0	30.0

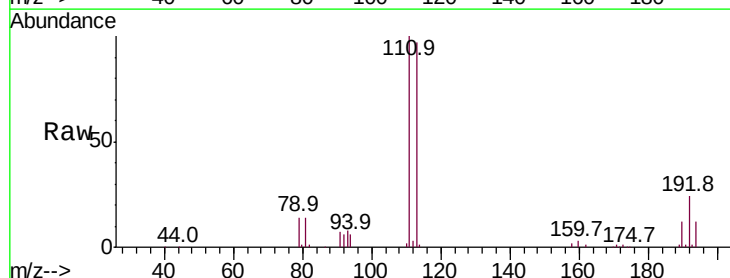


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

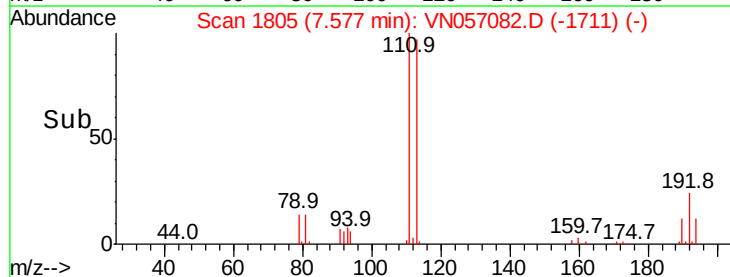
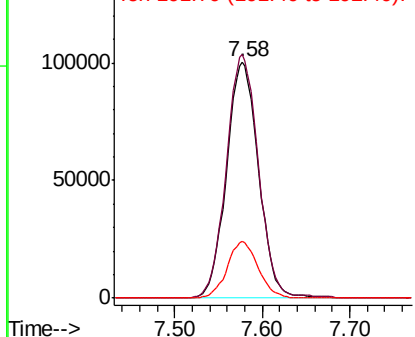


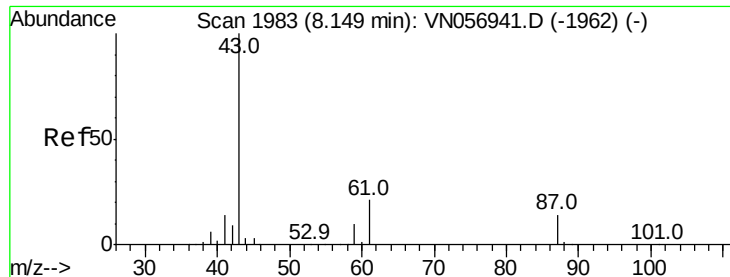
#35
 Dibromofluoromethane
 Concen: 47.546 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057082.D
 Acq: 5 Aug 2019 15:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	23.2	18.4	27.6



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: 2.313 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057082.D

Acq: 5 Aug 2019 15:15

Instrument :

MSVOA_N

ClientSampled :

PB121997TB

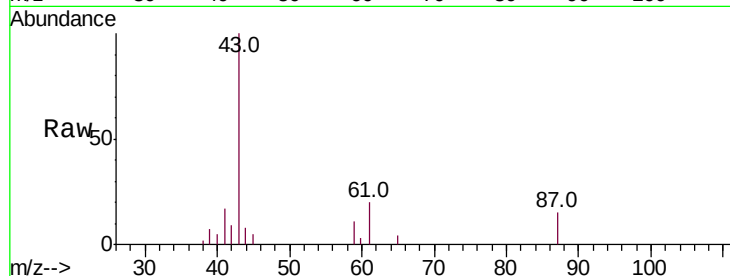
Tot Ion: 43 Resp: 22611

Ion Ratio Lower Upper

43 100

61 21.0 23.0 34.6#

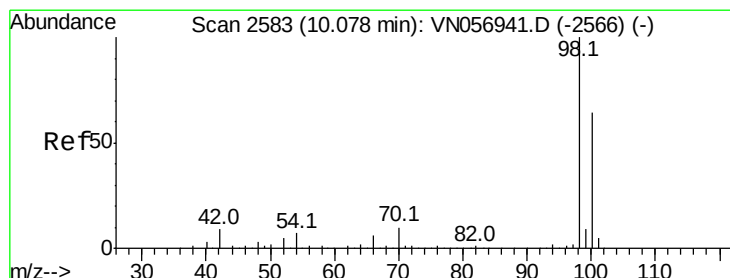
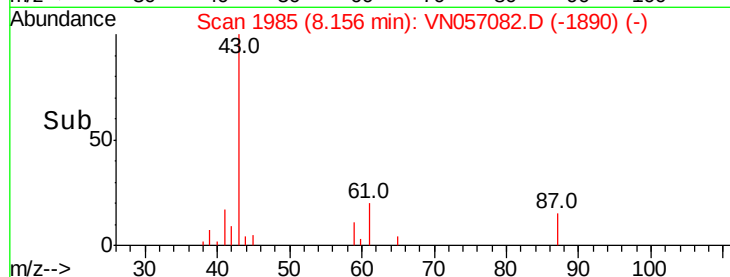
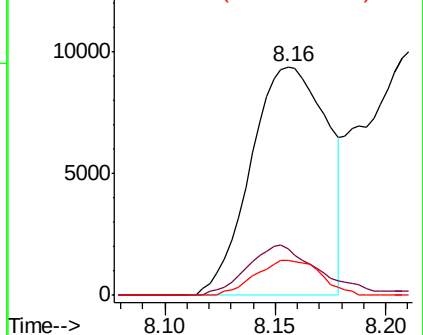
87 13.1 11.7 17.5



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: 47.751 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057082.D

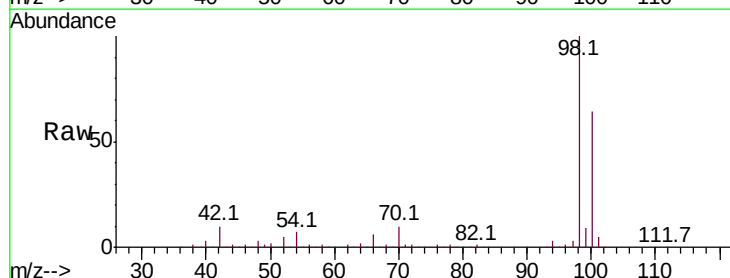
Acq: 5 Aug 2019 15:15

Tgt Ion: 98 Resp: 978115

Ion Ratio Lower Upper

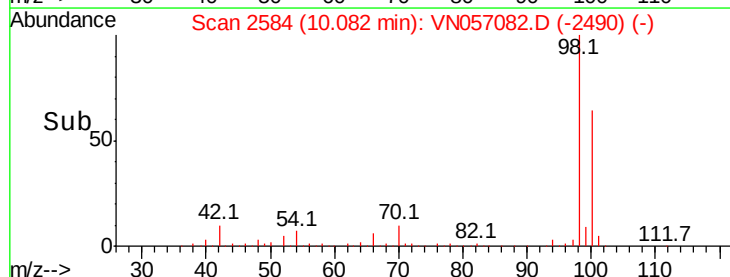
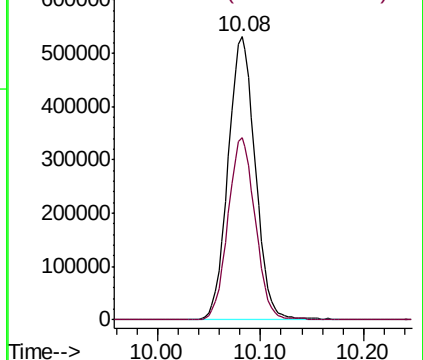
98 100

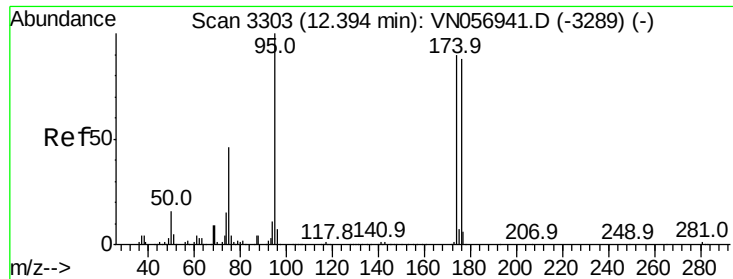
100 64.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.445 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057082.D

Acq: 5 Aug 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB121997TB

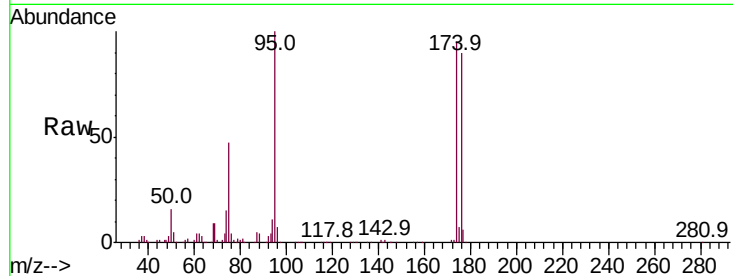
Tot Ion: 95 Resp: 263030

Ion Ratio Lower Upper

95 100

174 96.1 0.0 182.2

176 91.5 0.0 179.4



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

12.40

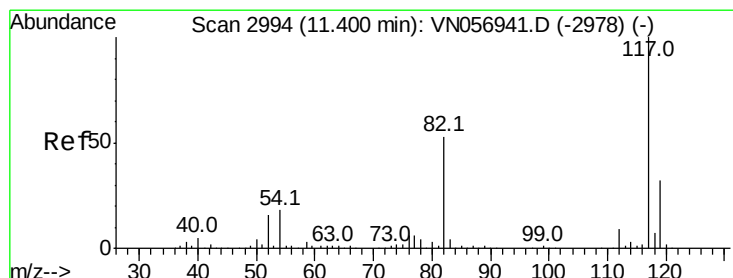
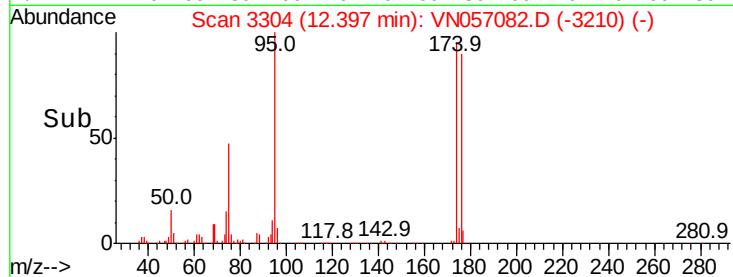
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057082.D

Acq: 5 Aug 2019 15:15

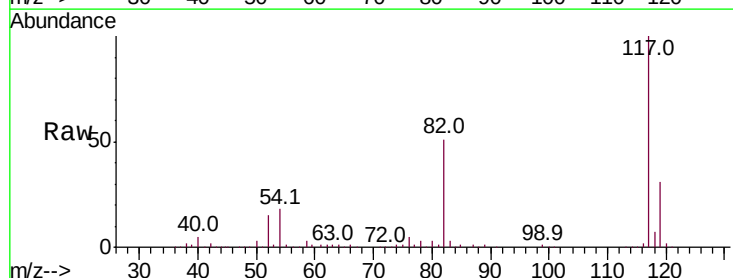
Tgt Ion: 117 Resp: 703811

Ion Ratio Lower Upper

117 100

82 51.0 42.2 63.4

119 31.5 25.8 38.6



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

11.40

500000

400000

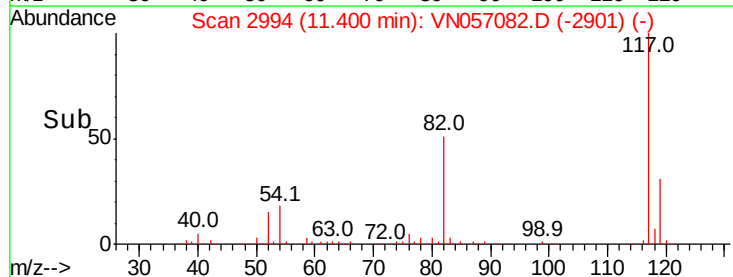
300000

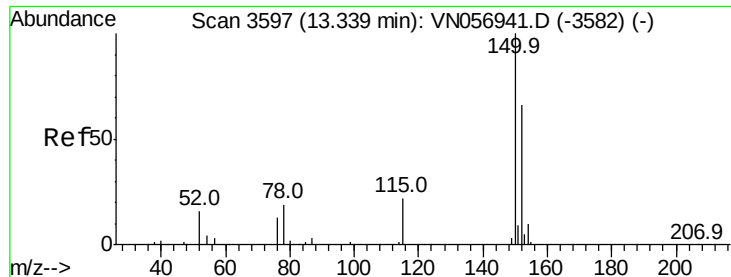
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057082.D

Acq: 5 Aug 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB121997TB

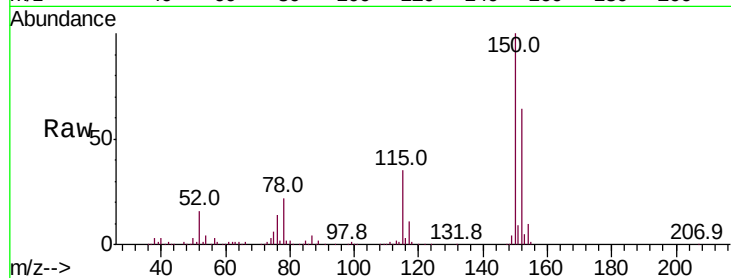
Tot Ion:152 Resp: 199094

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.6

150 157.0 0.0 349.4



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

