

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059494.D
 Acq On : 5 Dec 2019 12:58
 Operator : JC/SP
 Sample : PB125248TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125248TB

Quant Time: Dec 06 00:46:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

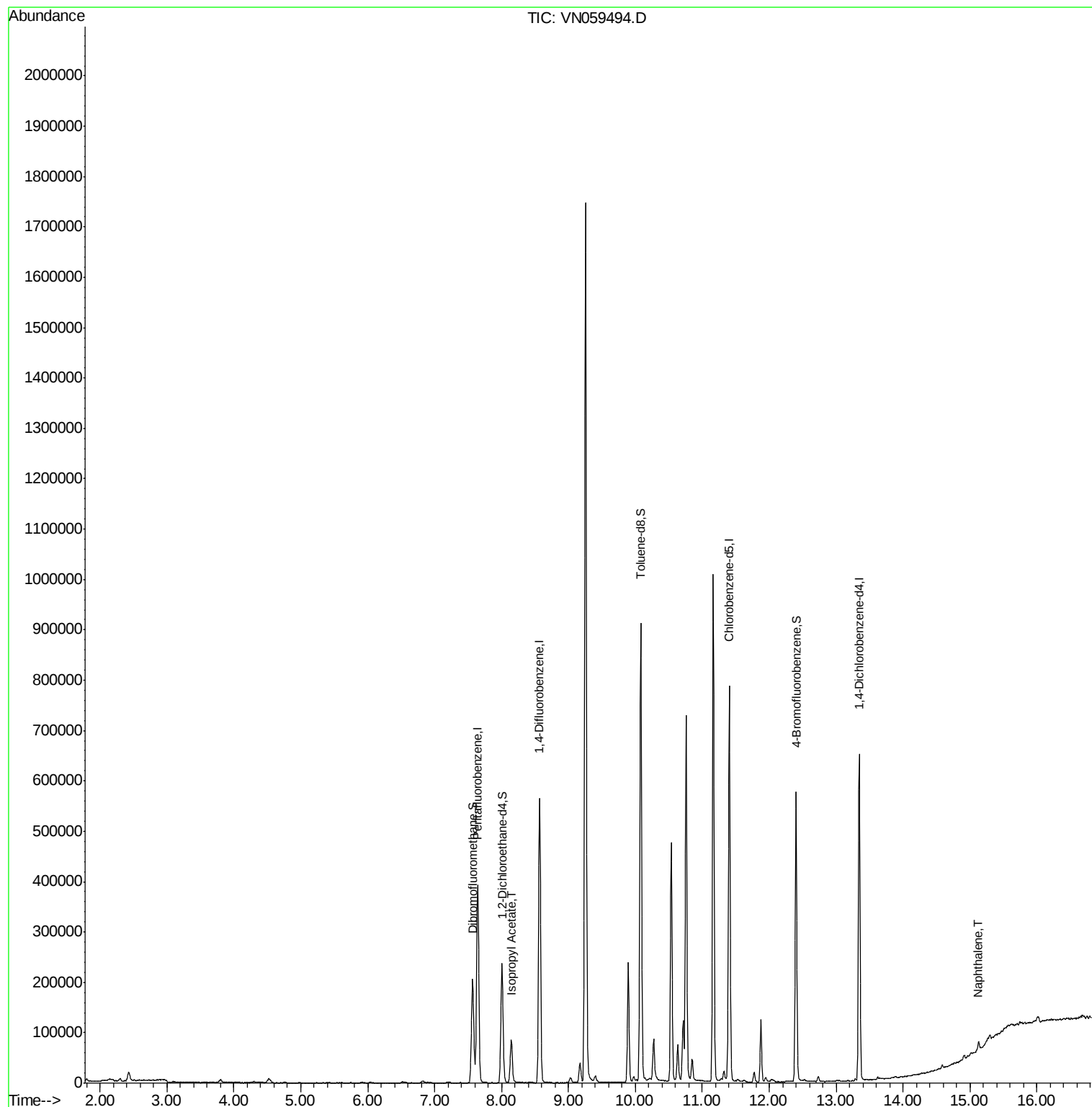
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	324379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	513352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	463418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	176389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	204654	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	159138	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.08	98	634081	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	207554	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
Target Compounds						
43) Isopropyl Acetate	8.15	43	100470	11.320	ug/l #	91
95) Naphthalene	15.13	128	11943	3.558	ug/l	97

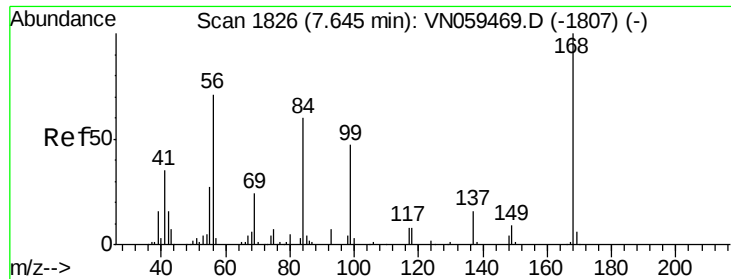
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

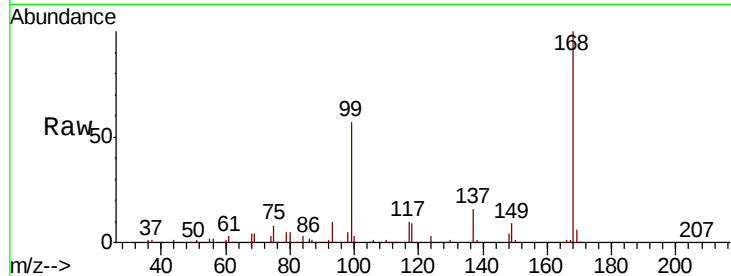
PB125248TB

Tot Ion:168 Resp: 324379

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VN059494.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059494.D (-1807) (-)

7.64

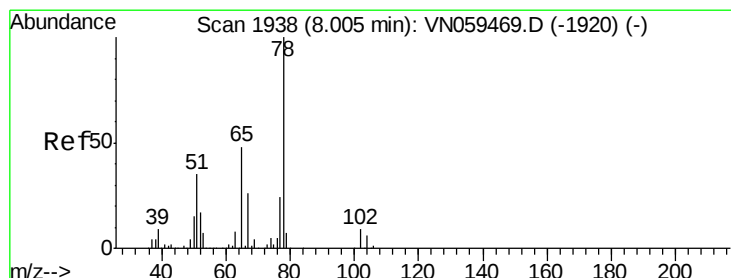
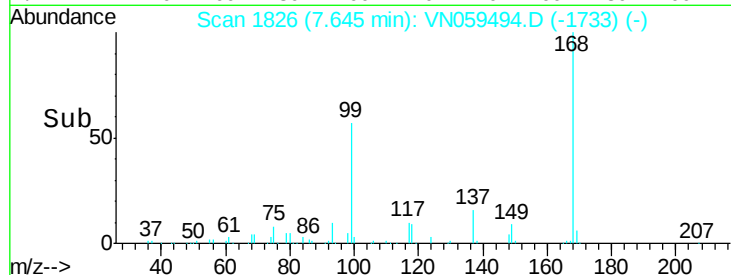
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.787 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059494.D

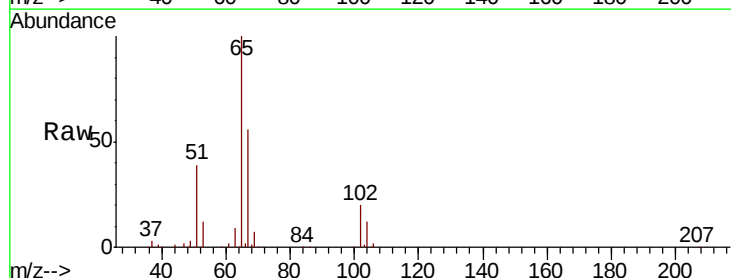
Acq: 5 Dec 2019 12:58

Tgt Ion: 65 Resp: 204654

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059494.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059494.D (-1845) (-)

8.00

100000

80000

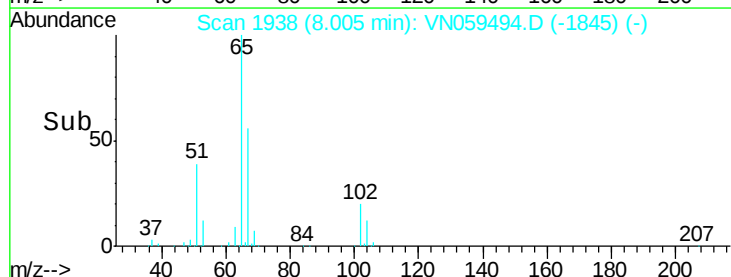
60000

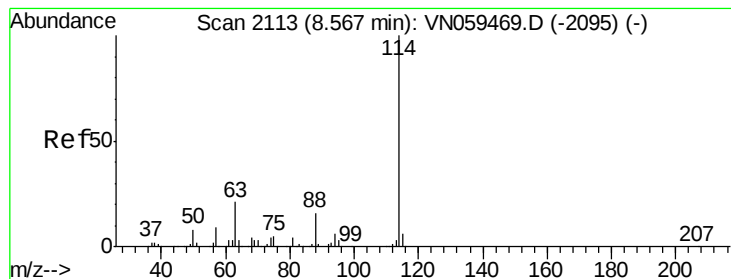
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

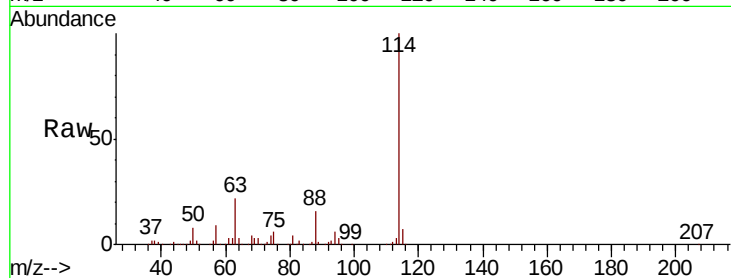
Tot Ion:114 Resp: 513352

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

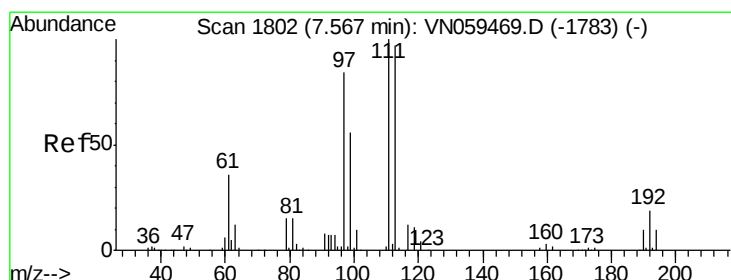
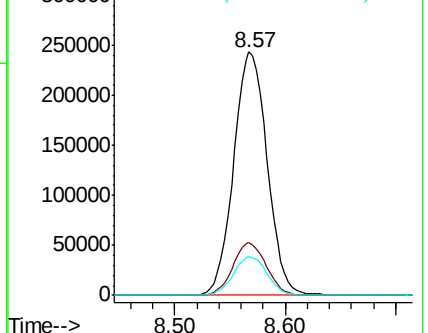
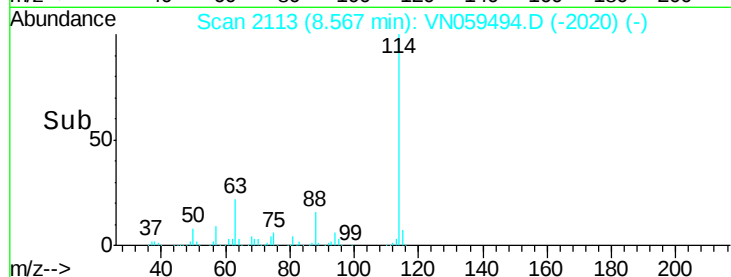
88 15.9 0.0 32.8



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: 49.773 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

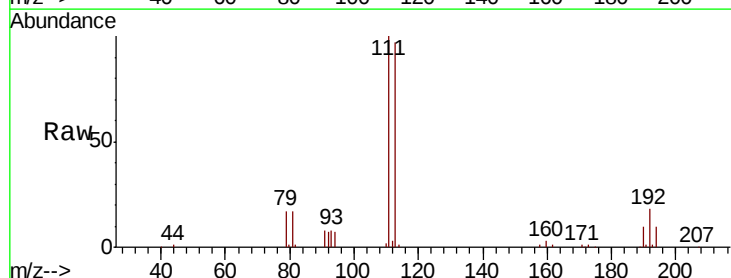
Tgt Ion:113 Resp: 159138

Ion Ratio Lower Upper

113 100

111 103.2 82.5 123.7

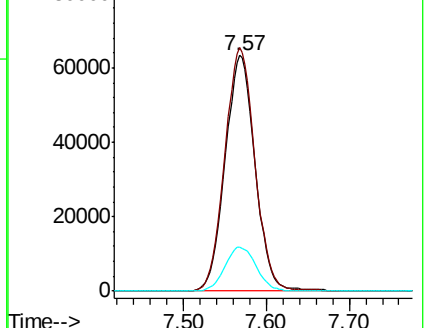
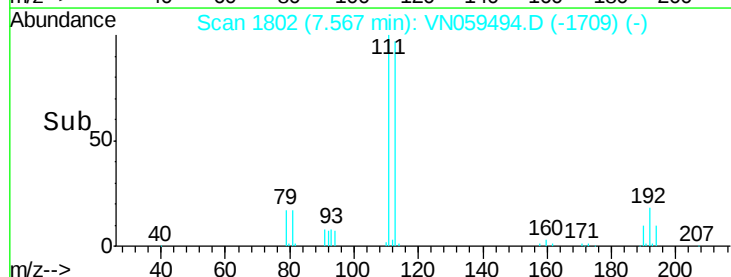
192 19.4 16.1 24.1

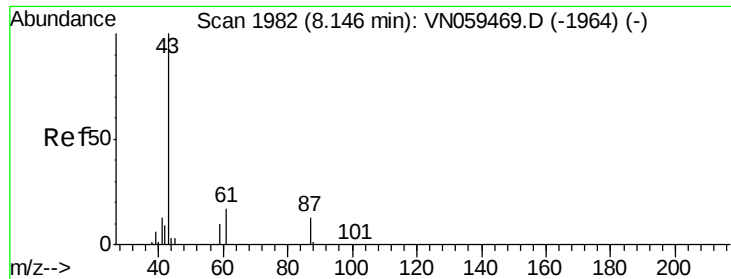


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



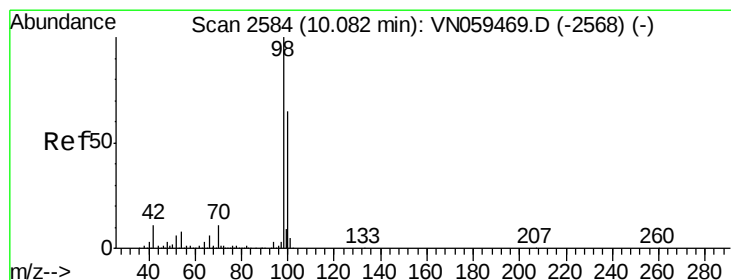
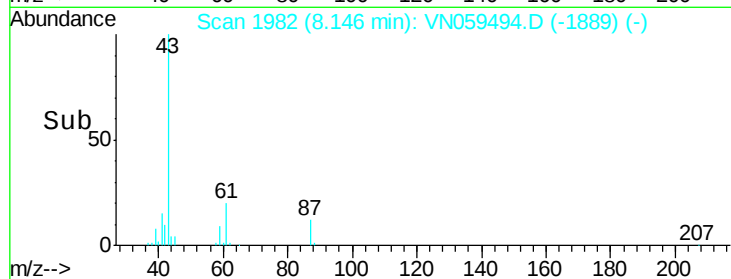
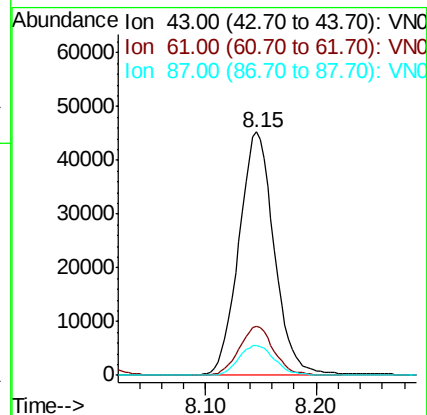
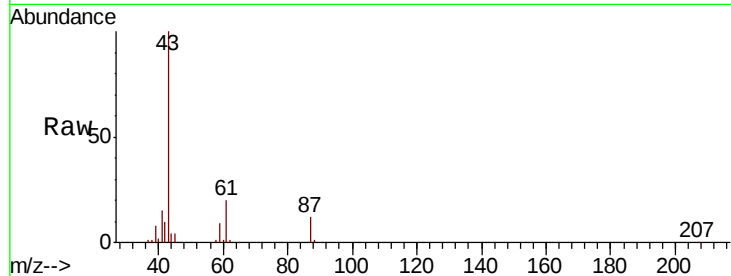


#43

Isopropyl Acetate
 Concen: 11.320 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VN059494.D
 Acq: 5 Dec 2019 12:58

Instrument :
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 PB125248TB

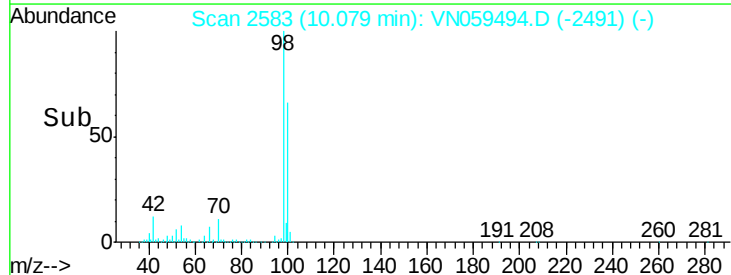
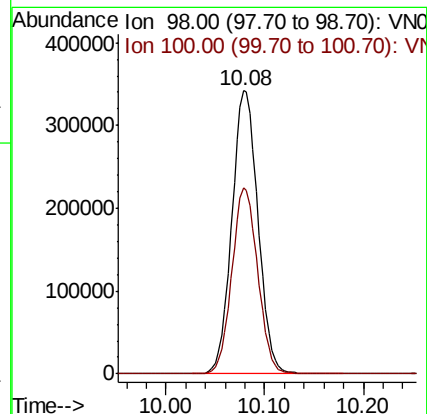
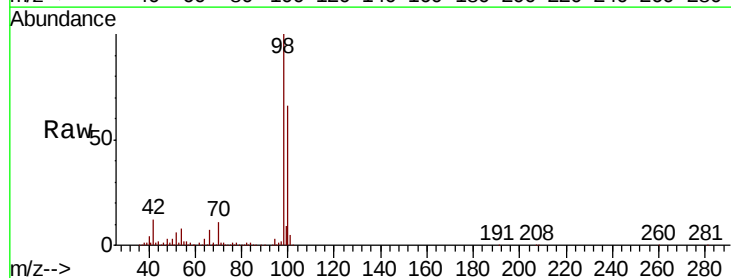
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	21.0	31.6#
87	12.5	10.4	15.6

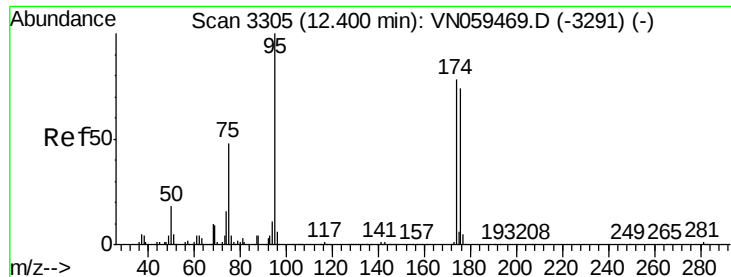


#50

Toluene-d8
 Concen: 50.299 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059494.D
 Acq: 5 Dec 2019 12:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 47.145 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

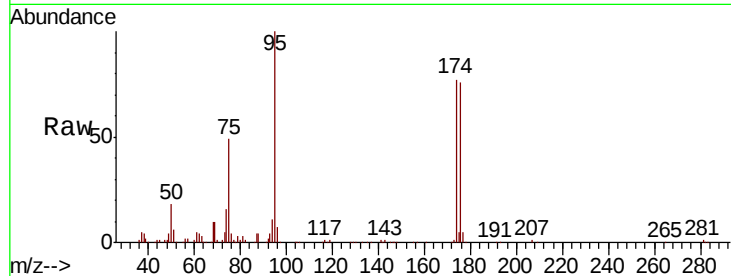
Tot Ion: 95 Resp: 207554

Ion Ratio Lower Upper

95 100

174 77.1 0.0 157.0

176 76.5 0.0 152.4



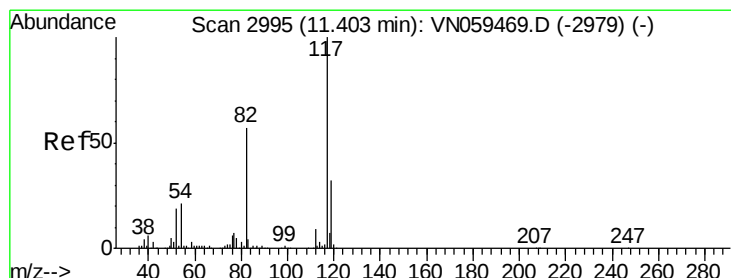
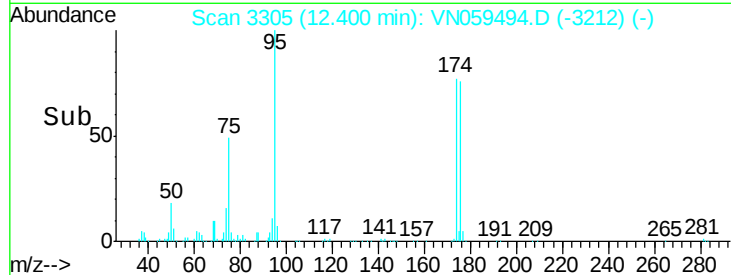
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

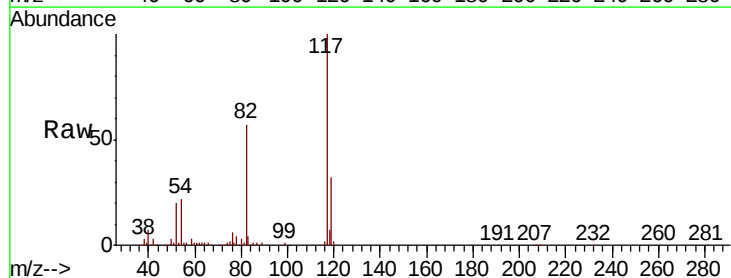
Tgt Ion: 117 Resp: 463418

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.8

119 32.1 25.4 38.0



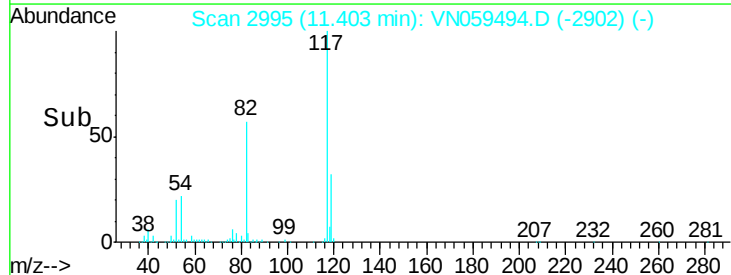
Abundance Ion 116.90 (116.60 to 117.60): VN0

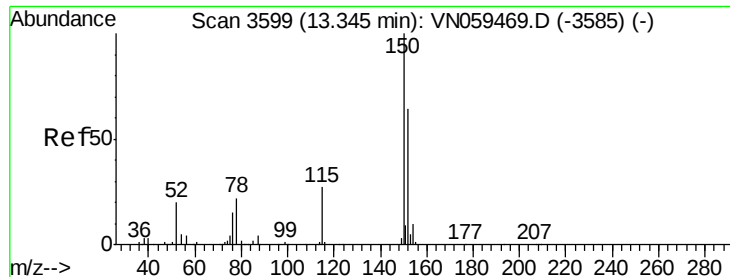
Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.40

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB125248TB

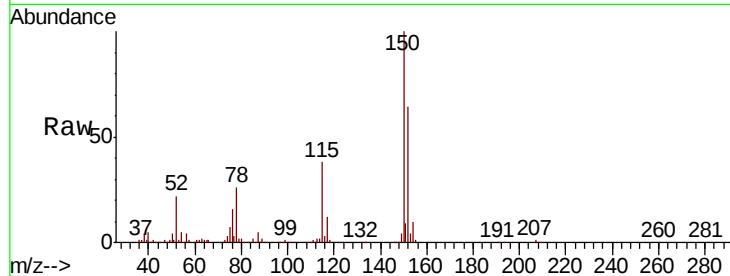
Tot Ion:152 Resp: 176389

Ion Ratio Lower Upper

152 100

115 59.6 29.2 87.6

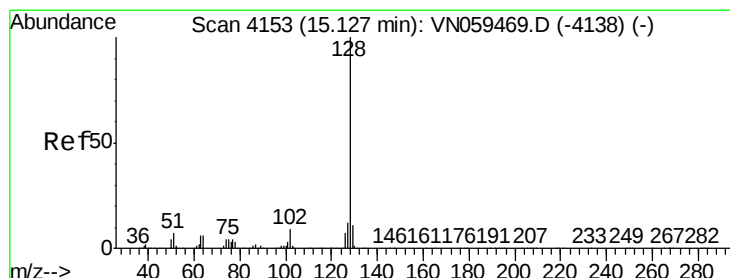
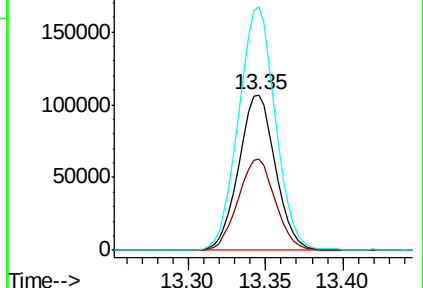
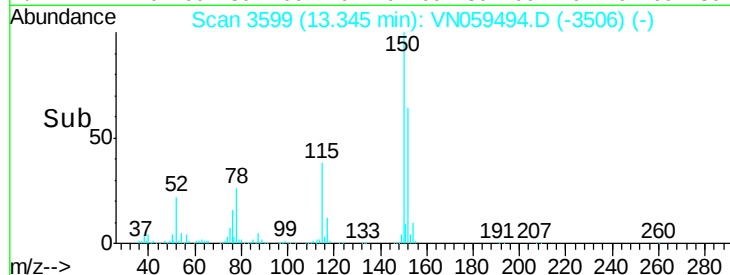
150 157.6 0.0 352.8



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



#95

Naphthalene

Concen: 3.558 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059494.D

Acq: 5 Dec 2019 12:58

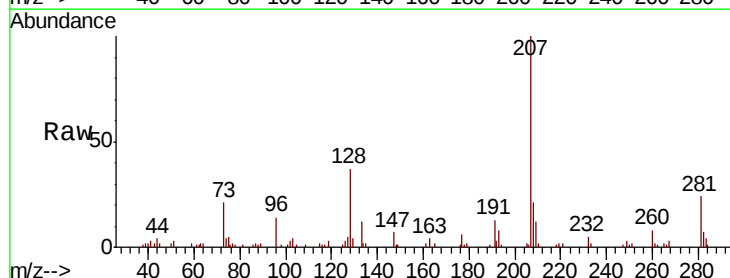
Tgt Ion:128 Resp: 11943

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 12.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

