

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN060002.D
 Acq On : 4 Feb 2020 18:12
 Operator : JC/MD
 Sample : PB126559ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126559ZHE#15

Quant Time: Feb 05 04:56:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

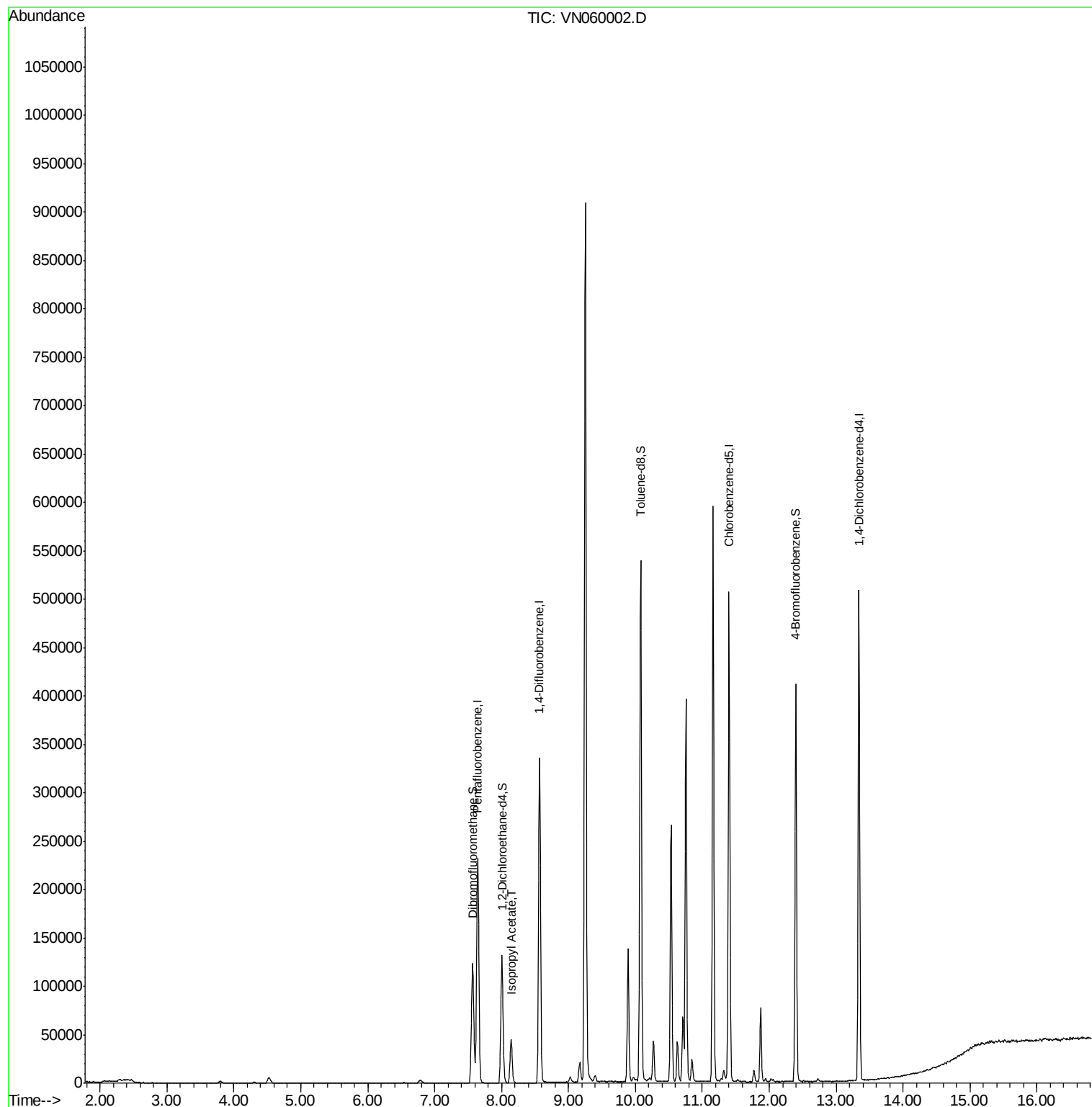
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113198	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	7.57	113	96328	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.08	98	373920	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.40	95	136513	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	53654	12.346	ug/l #	Qvalue 92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060002.D

Acq: 4 Feb 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

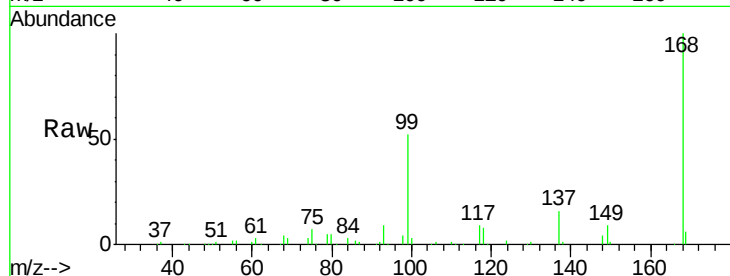
PB126559ZHE#15

Tot Ion:168 Resp: 198891

Ion Ratio Lower Upper

168 100

99 51.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

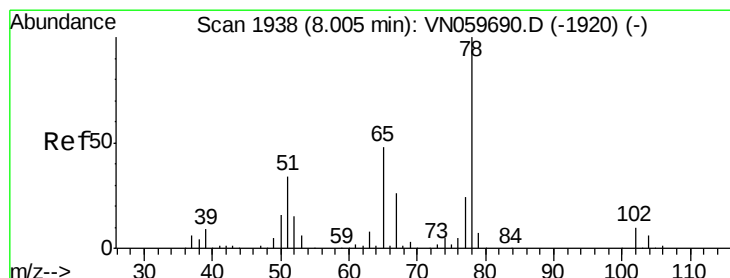
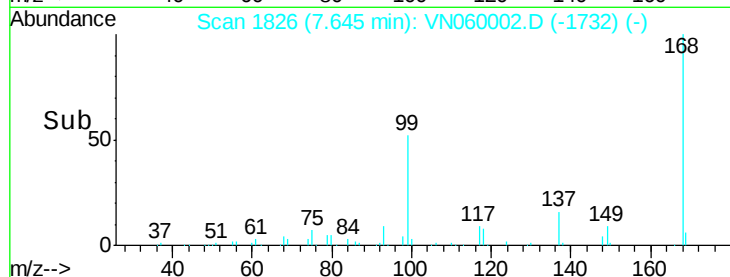
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.250 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060002.D

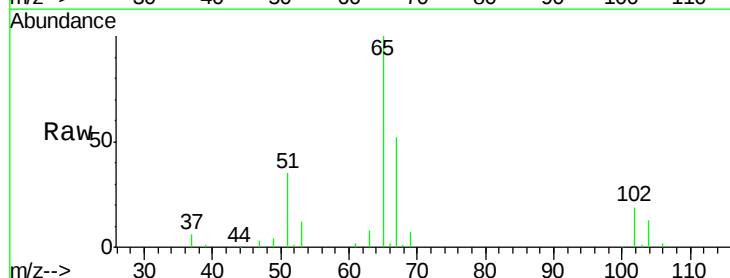
Acq: 4 Feb 2020 18:12

Tgt Ion: 65 Resp: 113198

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

50000

40000

30000

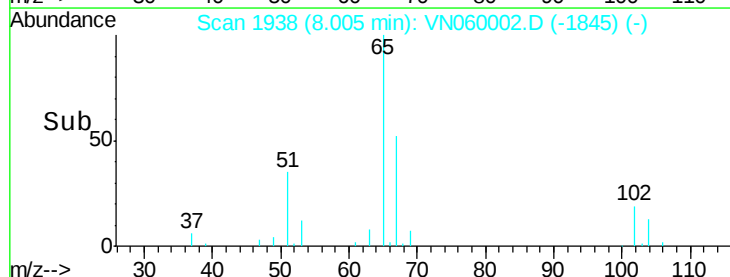
20000

10000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060002.D

Acq: 4 Feb 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#15

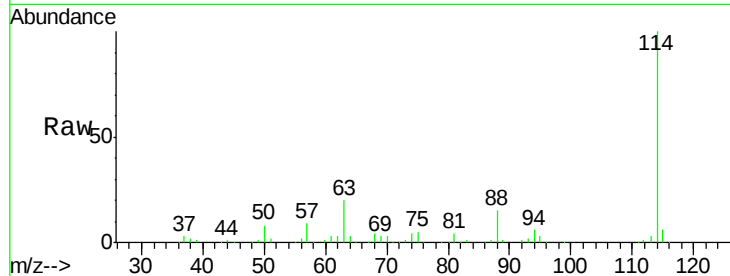
Tot Ion:114 Resp: 309351

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.6

88 15.5 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

8.57

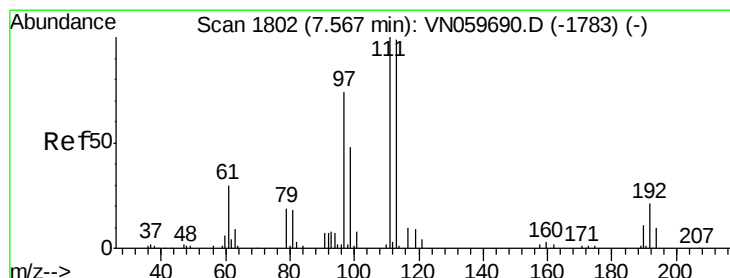
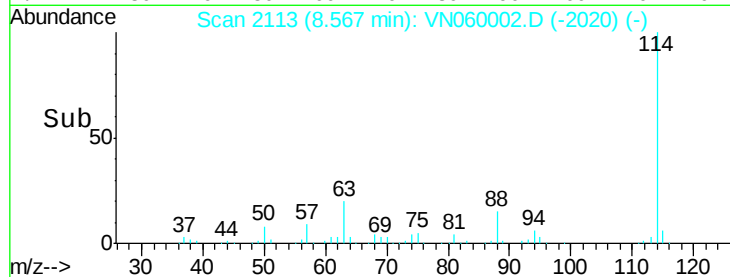
150000

100000

50000

0

Time--> 8.45 8.50 8.55 8.60 8.65



#35

Dibromofluoromethane

Concen: 52.216 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060002.D

Acq: 4 Feb 2020 18:12

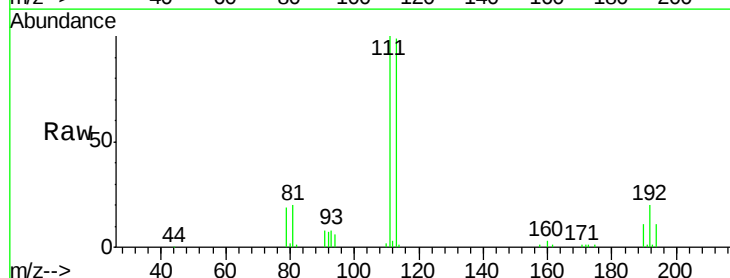
Tgt Ion:113 Resp: 96328

Ion Ratio Lower Upper

113 100

111 100.9 83.5 125.3

192 20.5 15.4 23.2



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

7.57

50000

40000

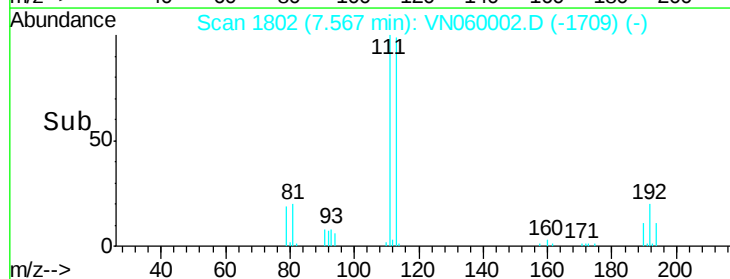
30000

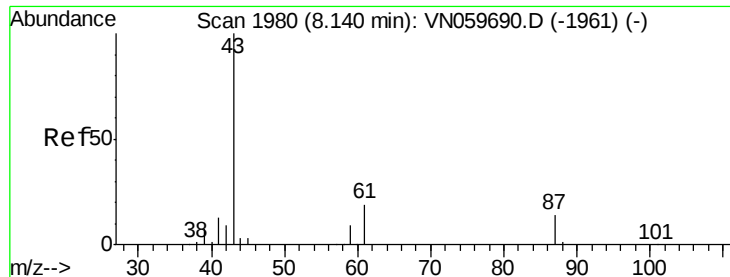
20000

10000

0

Time--> 7.50 7.60 7.70





#43

Isopropyl Acetate

Concen: 12.346 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060002.D

Acq: 4 Feb 2020 18:12

Instrument :

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ClientSampleId :

PB126559ZHE#15

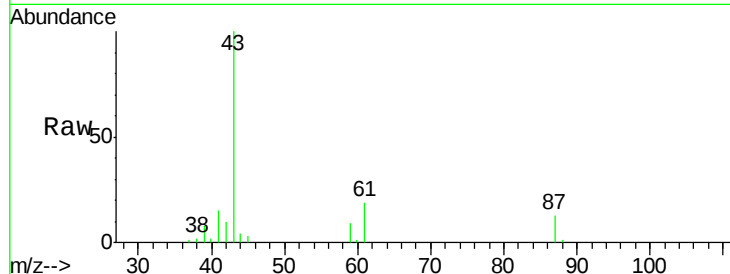
Tot Ion: 43 Resp: 53654

Ion Ratio Lower Upper

43 100

61 20.0 20.2 30.2#

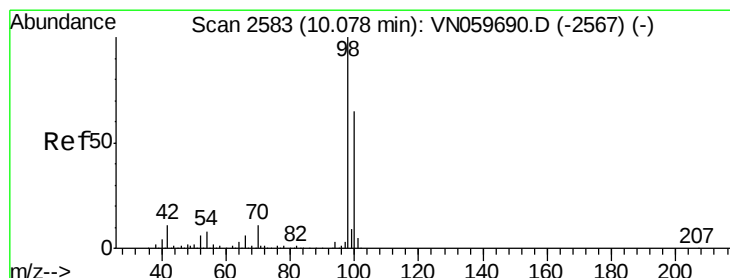
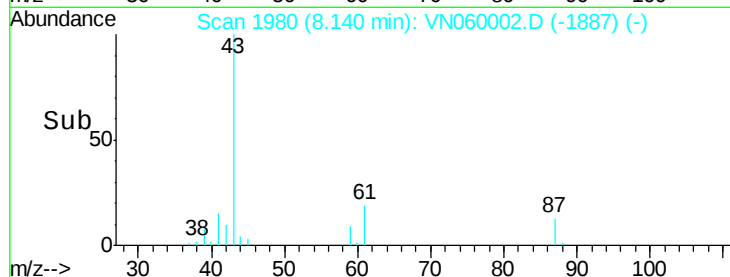
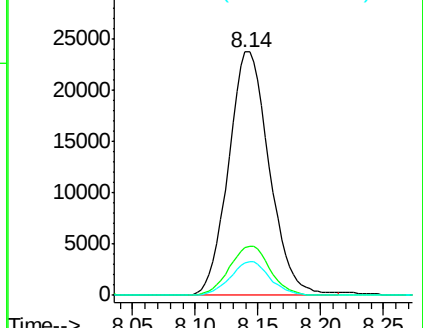
87 13.4 9.5 14.3



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: 52.314 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060002.D

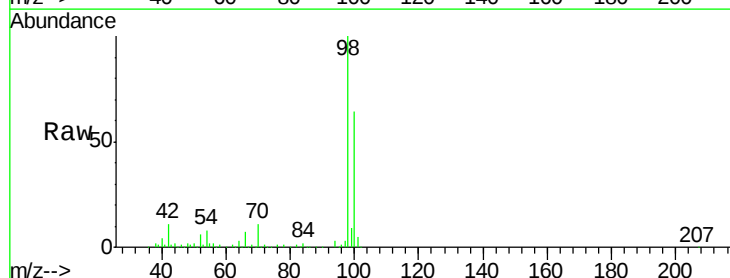
Acq: 4 Feb 2020 18:12

Tgt Ion: 98 Resp: 373920

Ion Ratio Lower Upper

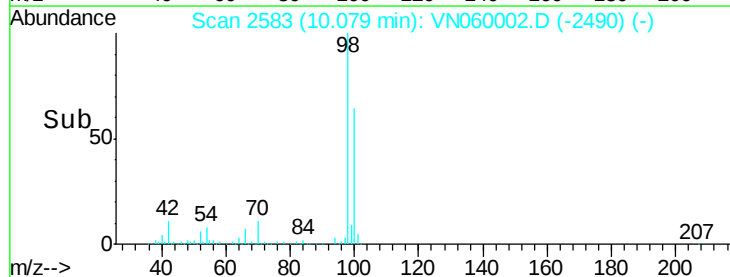
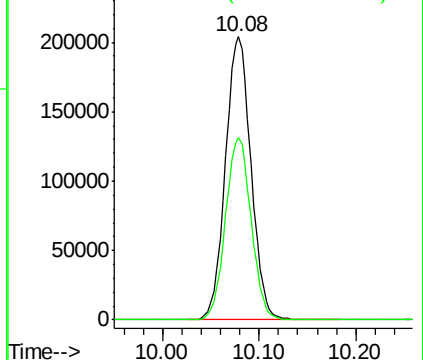
98 100

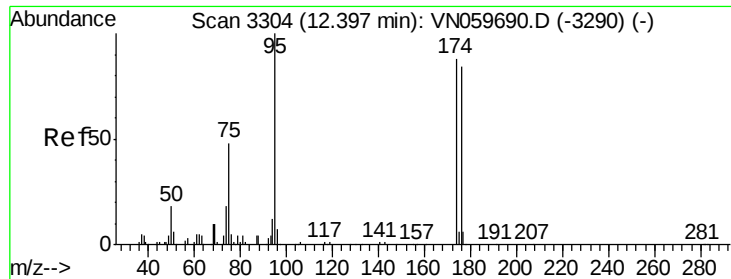
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

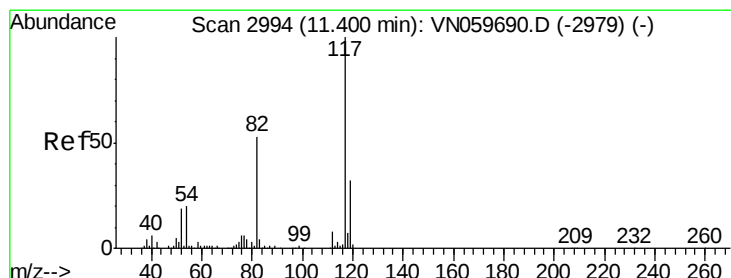
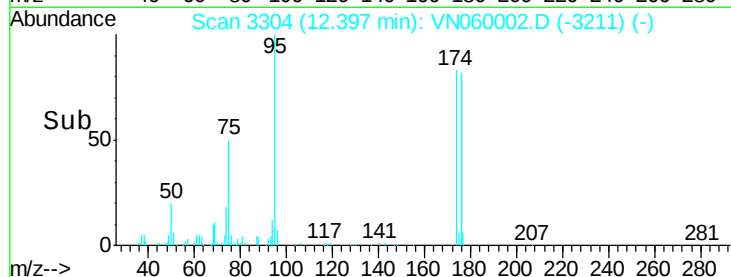
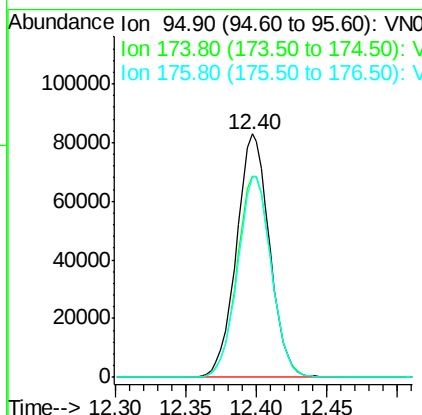
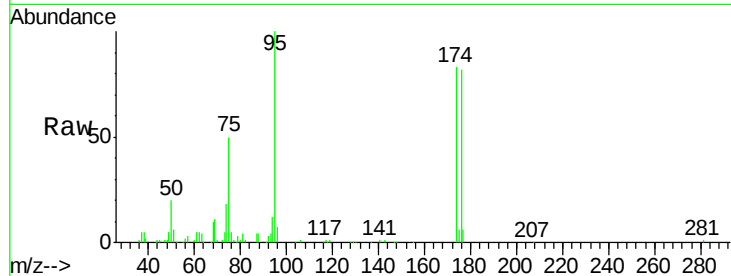




#62
4-Bromofluorobenzene
Concen: 52.979 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060002.D
Acq: 4 Feb 2020 18:12

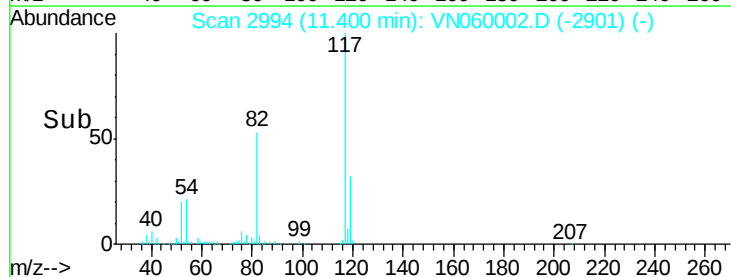
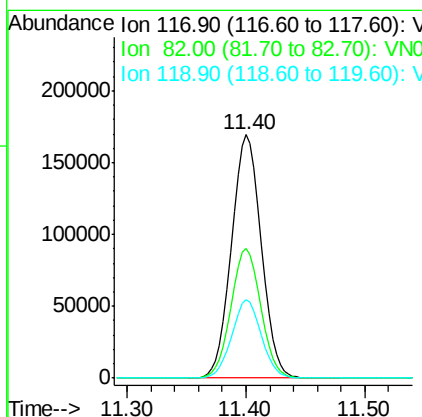
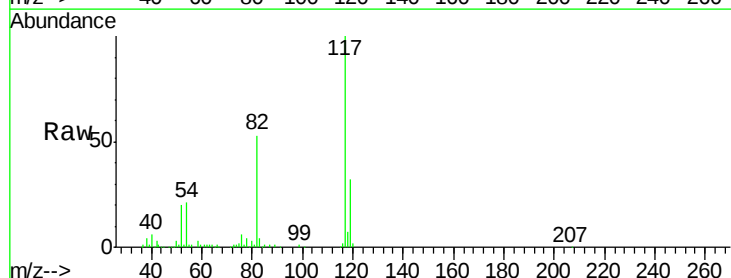
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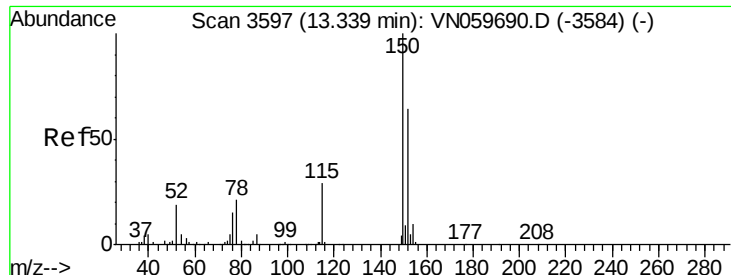
Tot Ion: 95 Resp: 136513
Ion Ratio Lower Upper
95 100
174 85.5 0.0 151.4
176 83.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060002.D
Acq: 4 Feb 2020 18:12

Tgt Ion: 117 Resp: 293886
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060002.D

Acq: 4 Feb 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#15

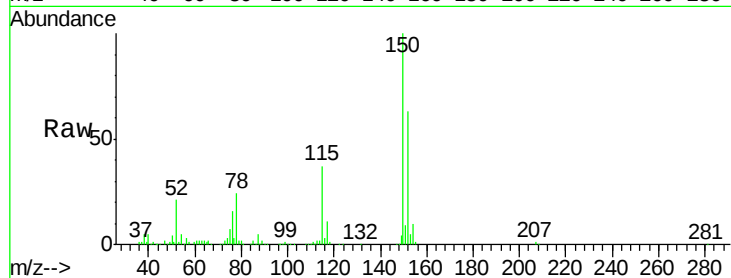
Tot Ion:152 Resp: 137374

Ion Ratio Lower Upper

152 100

115 58.4 30.3 90.9

150 156.8 0.0 345.2



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

