

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059723.D
 Acq On : 16 Jan 2020 11:16
 Operator : JC/MD
 Sample : VN0116WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

Quant Time: Jan 17 07:01:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	287583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102932	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98400	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	7.57	113	86474	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.08	98	326785	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.40	95	109245	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

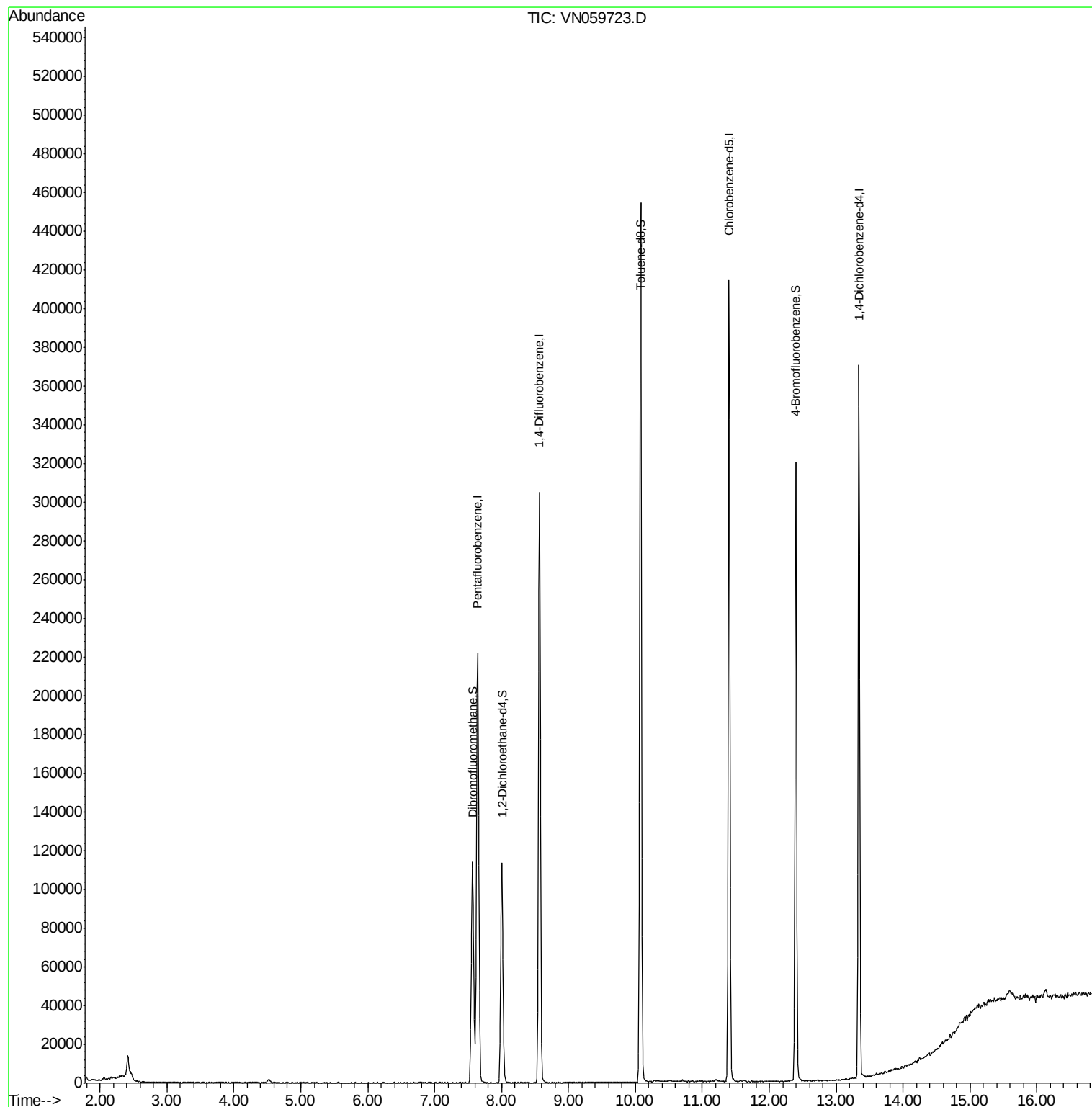
Target Compounds	Qvalue

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

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QLast Update : Tue Jan 14 08:58:21 2020
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: VN059723.D

Acq: 16 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

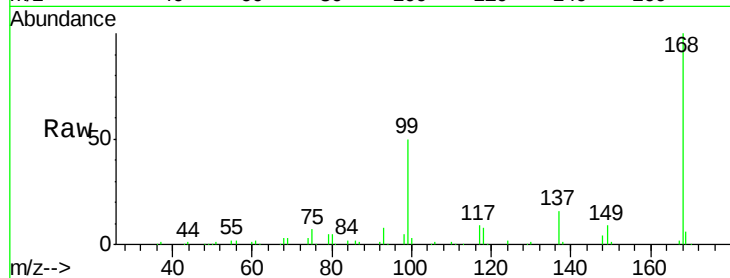
VN0116WBL01

Tot Ion:168 Resp: 194107

Ion Ratio Lower Upper

168 100

99 50.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)

7.64

80000

60000

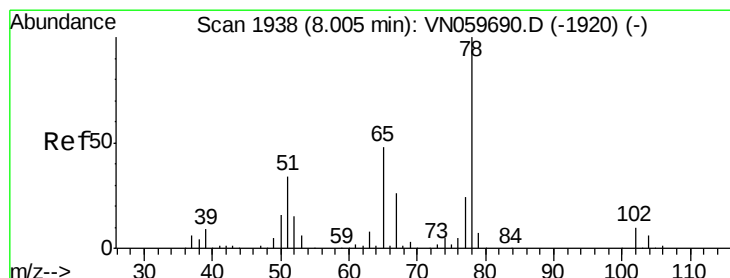
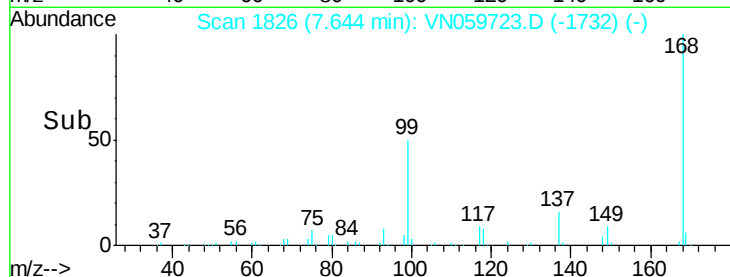
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.648 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059723.D

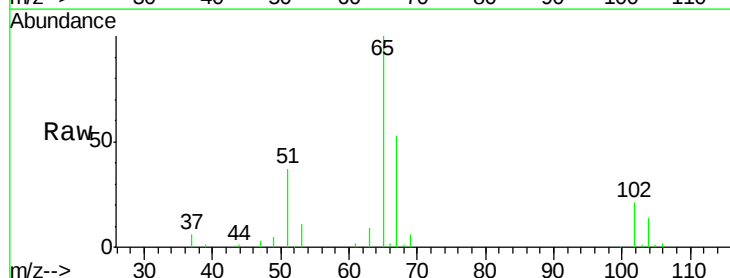
Acq: 16 Jan 2020 11:16

Tgt Ion: 65 Resp: 98400

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059690.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059690.D (-1920) (-)

8.00

40000

30000

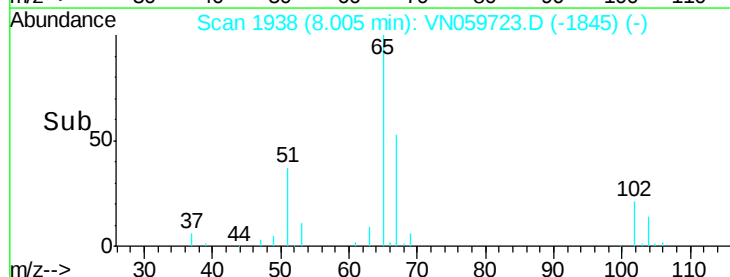
20000

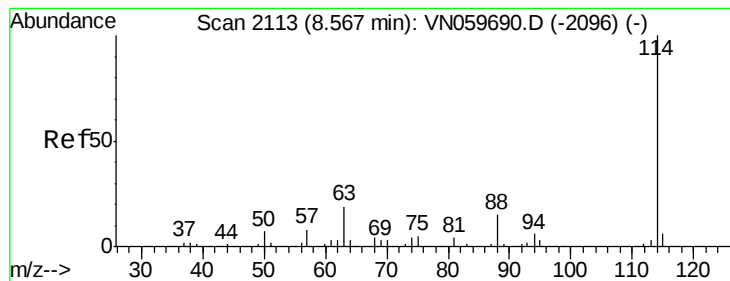
10000

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: VN059723.D

Acq: 16 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBL01

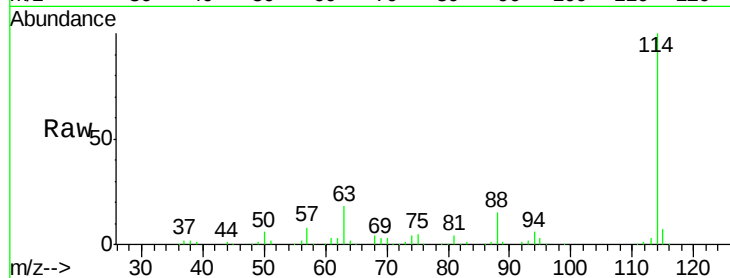
Tot Ion:114 Resp: 287583

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.6

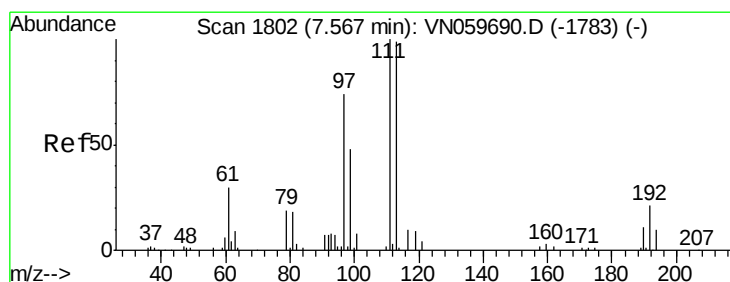
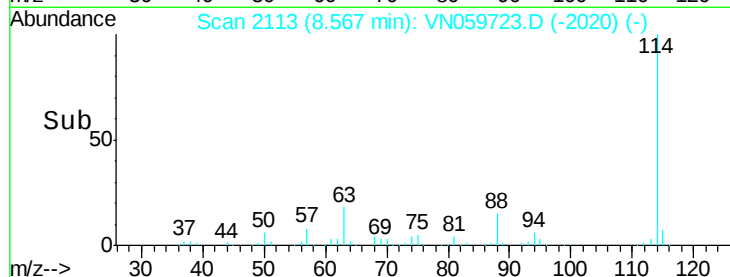
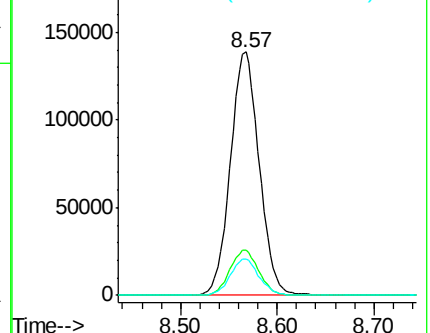
88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.423 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059723.D

Acq: 16 Jan 2020 11:16

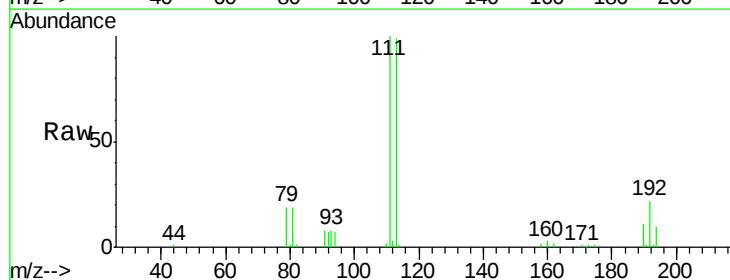
Tgt Ion:113 Resp: 86474

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

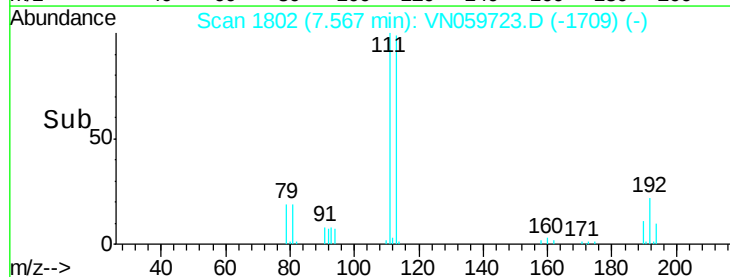
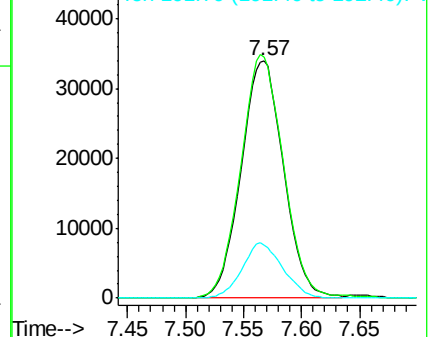
192 22.2 15.4 23.2

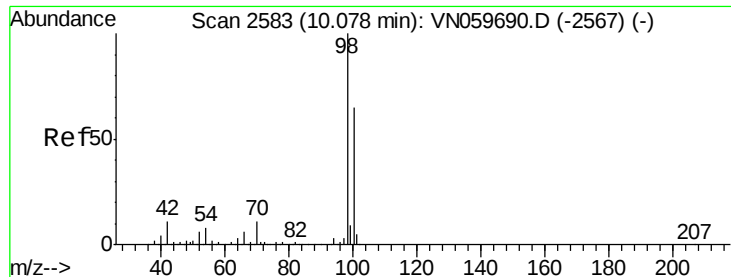


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.180 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059723.D

Acq: 16 Jan 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

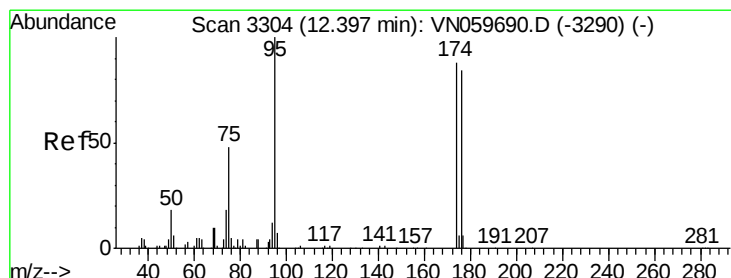
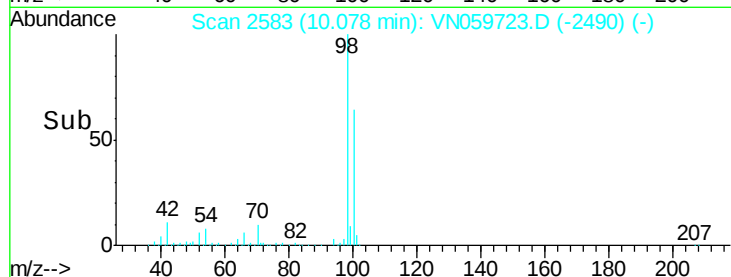
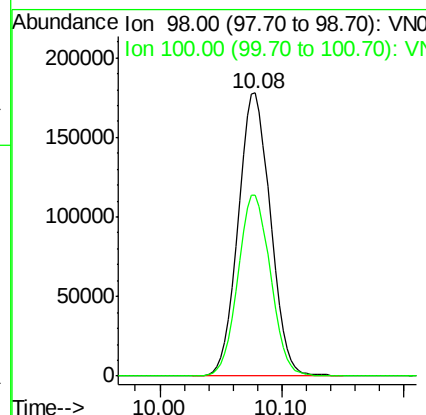
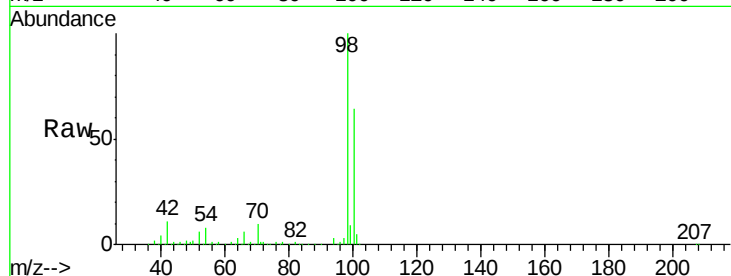
VN0116WBL01

Tot Ion: 98 Resp: 326785

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.606 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059723.D

Acq: 16 Jan 2020 11:16

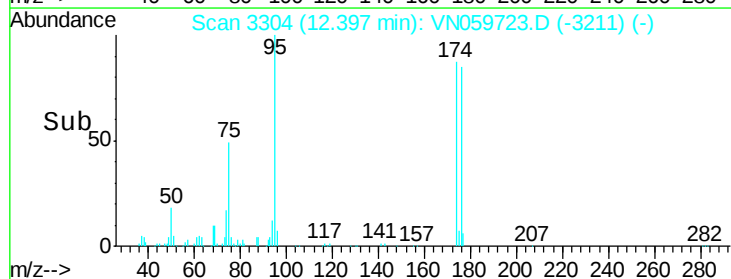
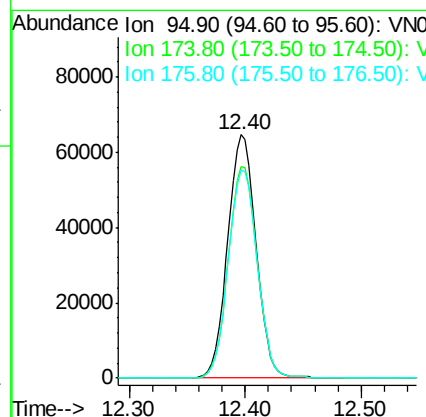
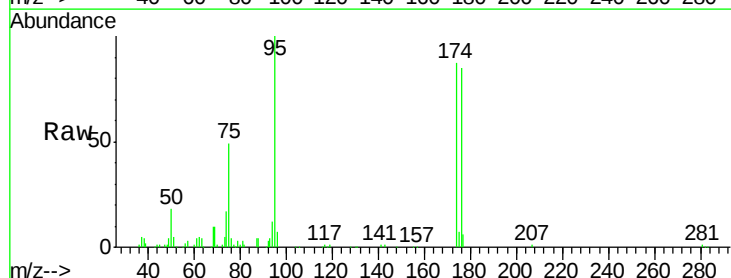
Tgt Ion: 95 Resp: 109245

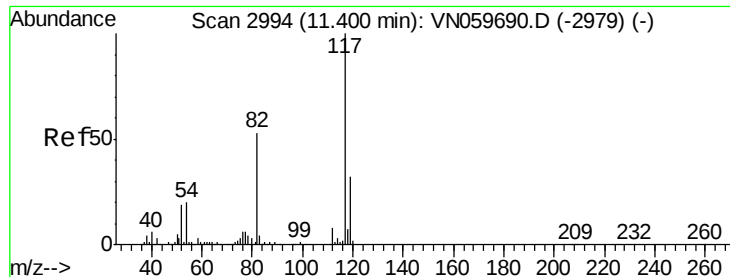
Ion Ratio Lower Upper

95 100

174 88.5 0.0 151.4

176 87.6 0.0 146.0

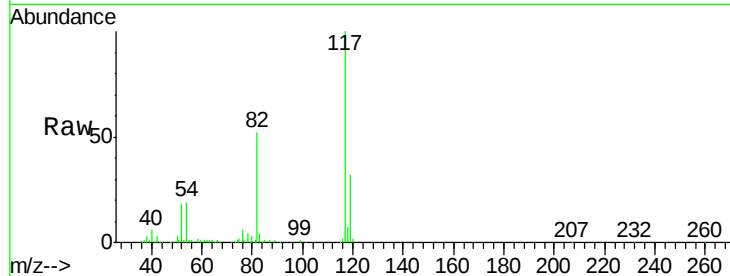




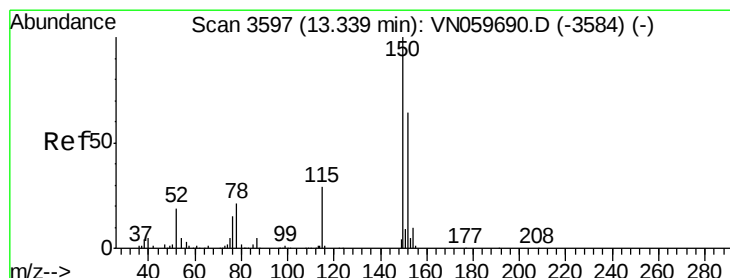
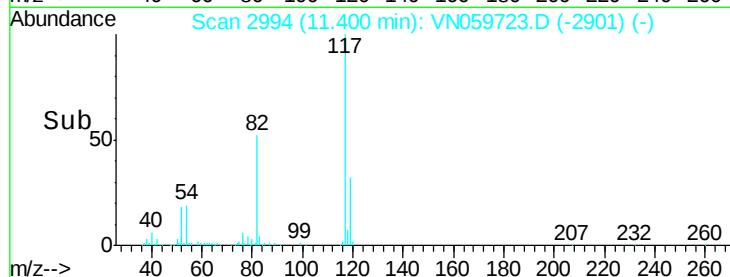
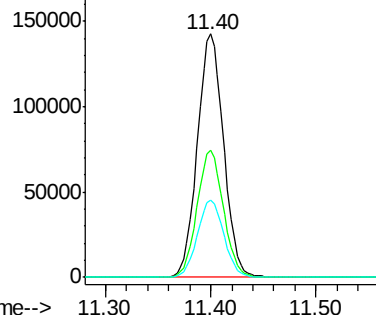
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBL01

Tot Ion:117 Resp: 245156
Ion Ratio Lower Upper
117 100
82 52.0 45.9 68.9
119 31.8 25.5 38.3

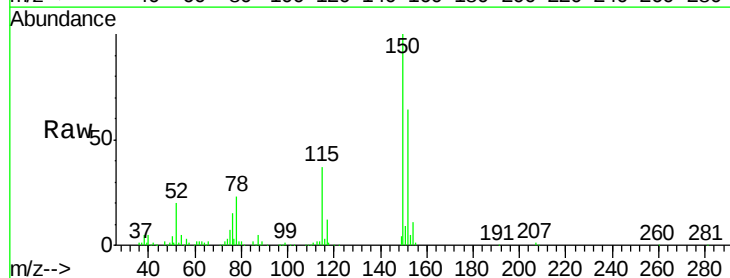


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059723.D
Acq: 16 Jan 2020 11:16

Tgt Ion:152 Resp: 102932
Ion Ratio Lower Upper
152 100
115 57.8 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

