

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055514.D
 Acq On : 9 May 2019 23:09
 Operator : JC/SP
 Sample : K2758-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENT-BLANK-3

Quant Time: May 10 05:26:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	899266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1509499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1261665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	609143	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	7.59	113	460958	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.09	98	1820368	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.40	95	534589	41.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.56%	

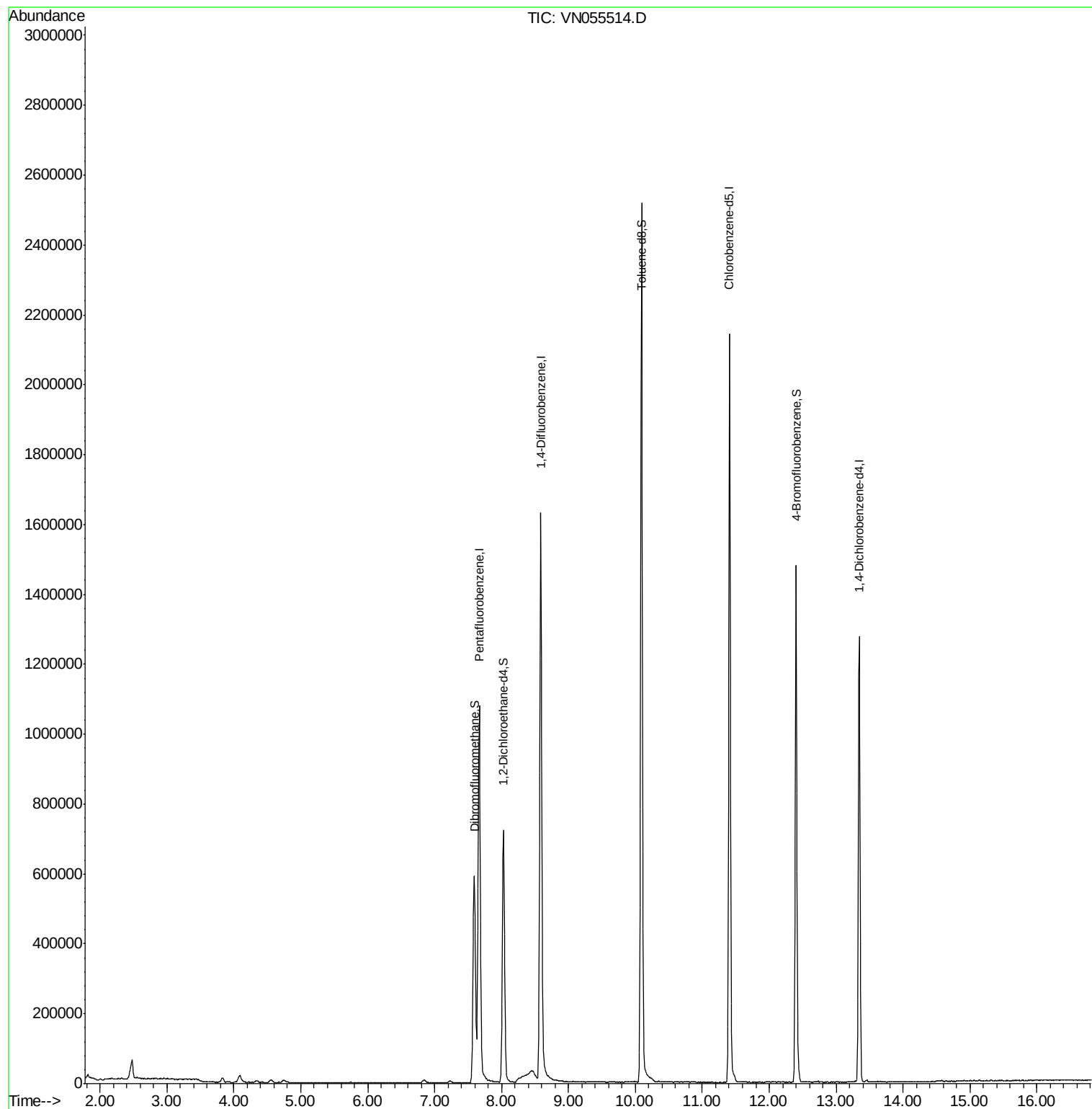
Target Compounds	Qvalue

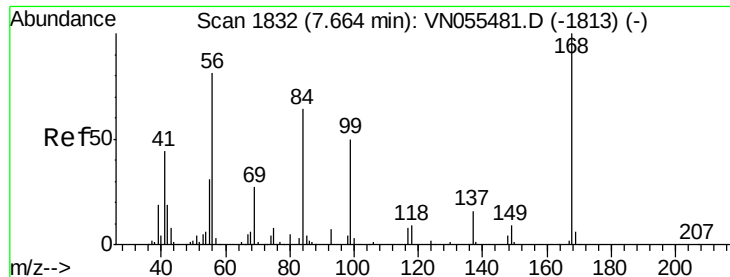
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055514.D

Acq: 9 May 2019 23:09

Instrument :

MSVOA_N

ClientSampleId :

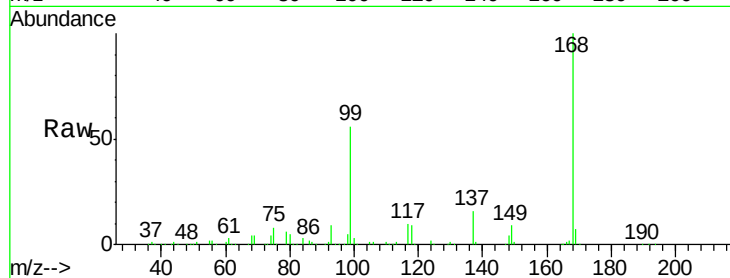
EQUIPMENT-BLANK-3

Tot Ion:168 Resp: 899266

Ion Ratio Lower Upper

168 100

99 56.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

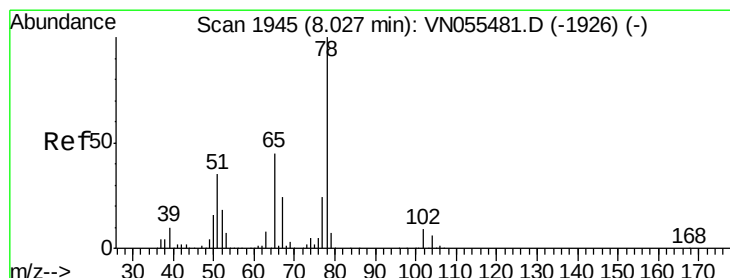
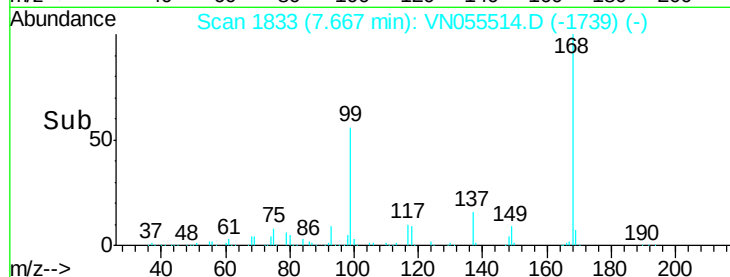
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 44.989 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055514.D

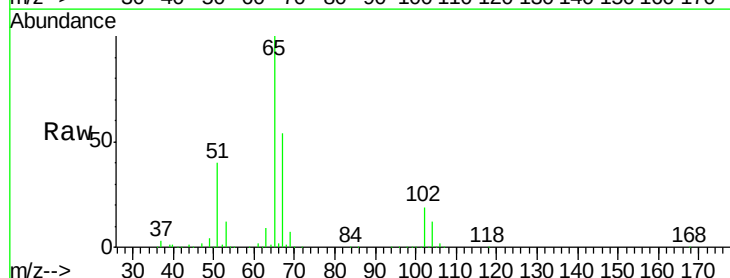
Acq: 9 May 2019 23:09

Tgt Ion: 65 Resp: 609143

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

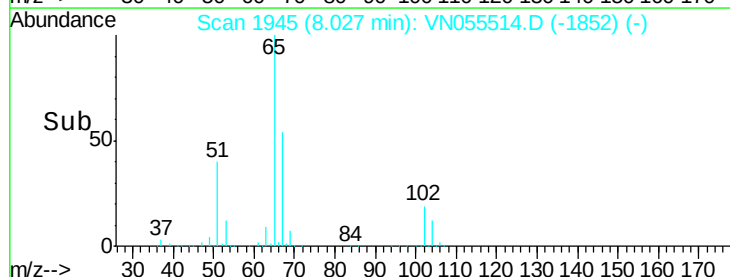
150000

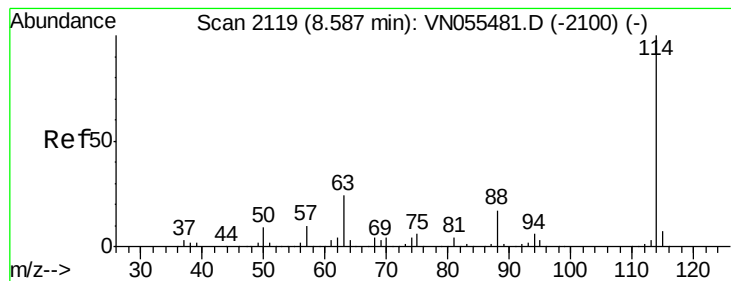
100000

50000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055514.D

Acq: 9 May 2019 23:09

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENT-BLANK-3

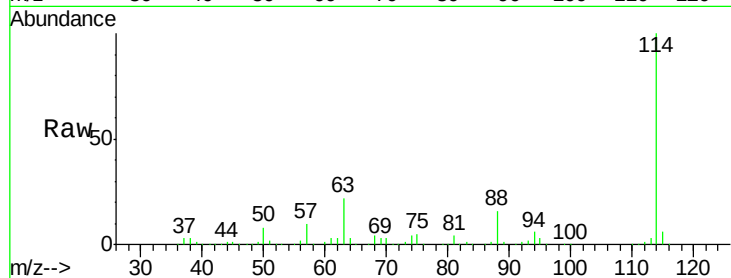
Tot Ion:114 Resp: 1509499

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.4

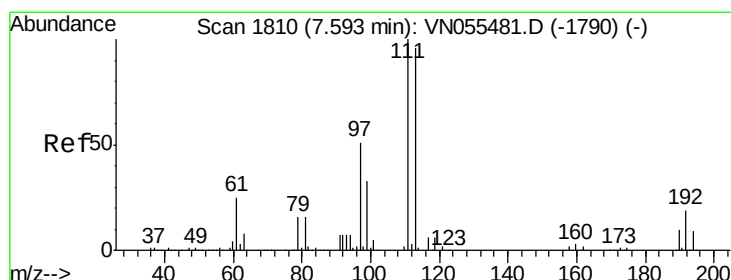
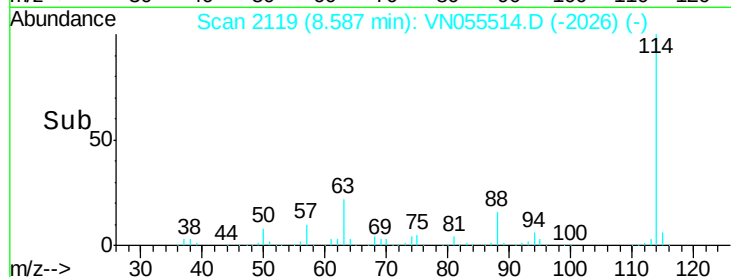
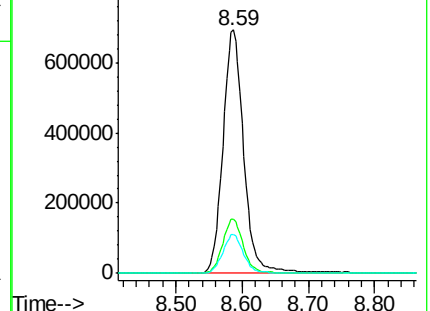
88 16.0 0.0 34.0



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: 47.339 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055514.D

Acq: 9 May 2019 23:09

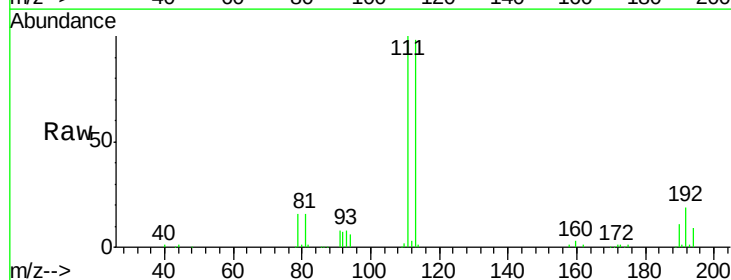
Tgt Ion:113 Resp: 460958

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

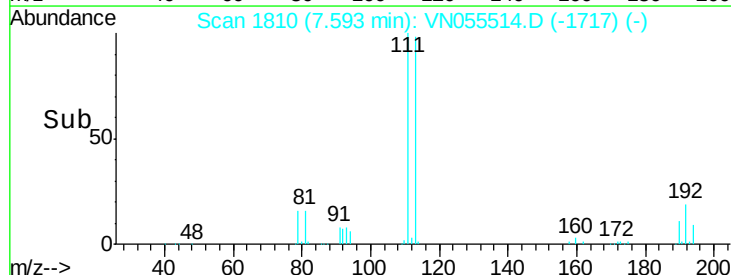
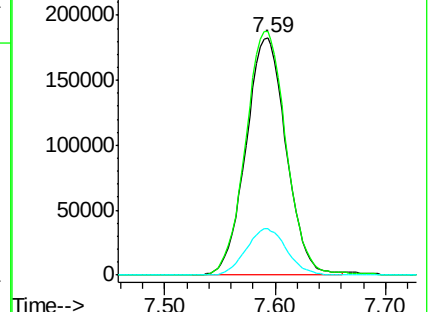
192 19.9 15.6 23.4

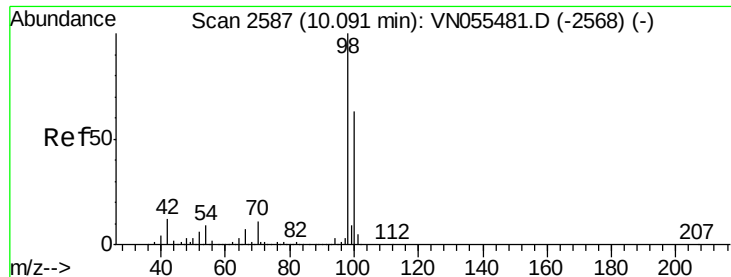


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.973 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055514.D

Acq: 9 May 2019 23:09

Instrument :

MSVOA_N

ClientSampleId :

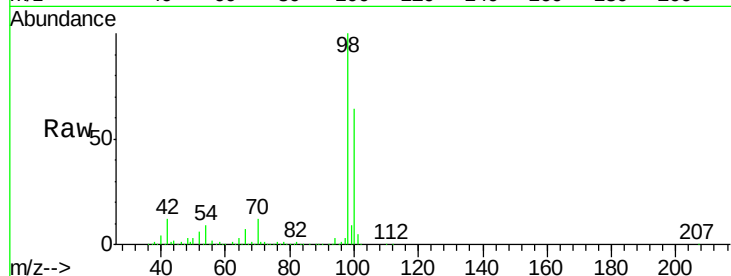
EQUIPMENT-BLANK-3

Tot Ion: 98 Resp: 1820368

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055514.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055514.D (-2494) (-)

10.09

800000

600000

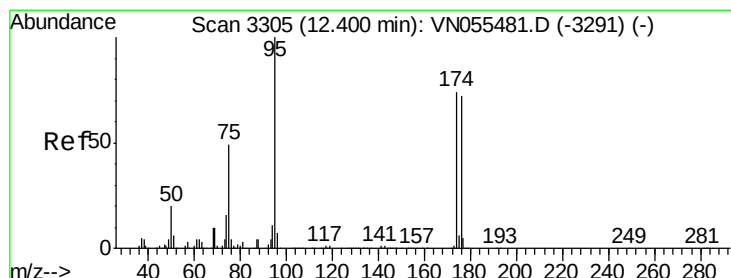
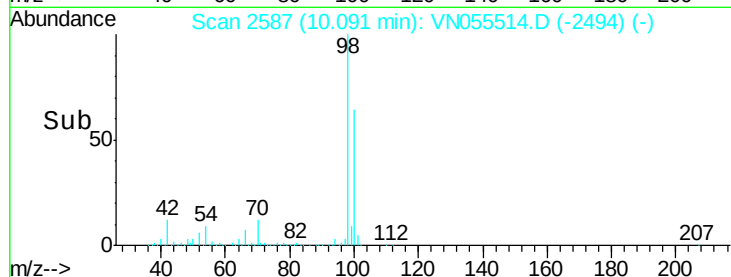
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 41.782 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055514.D

Acq: 9 May 2019 23:09

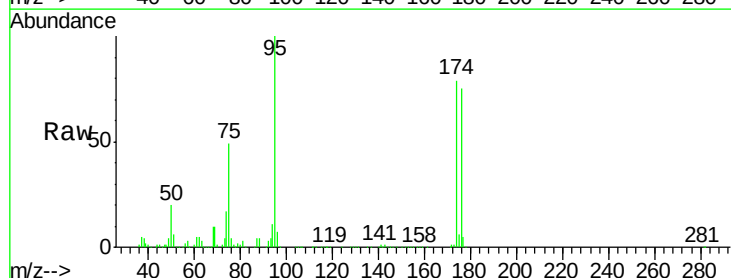
Tgt Ion: 95 Resp: 534589

Ion Ratio Lower Upper

95 100

174 78.9 0.0 152.2

176 75.7 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055514.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055514.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055514.D (-3212) (-)

12.40

400000

300000

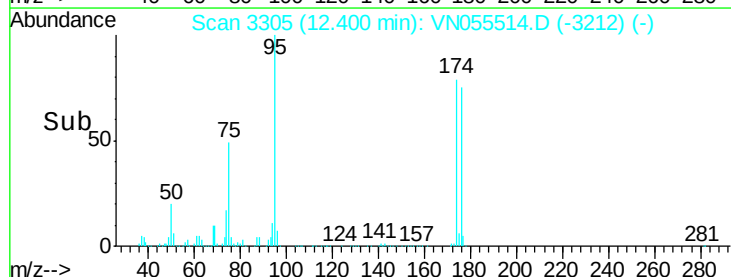
200000

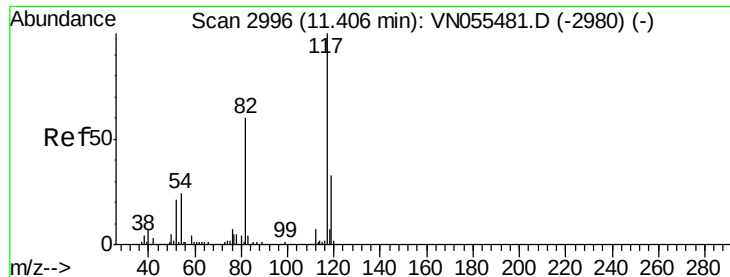
100000

0

12.30 12.40 12.50

Time-->

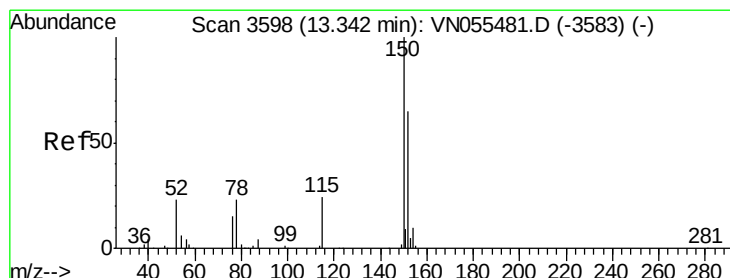
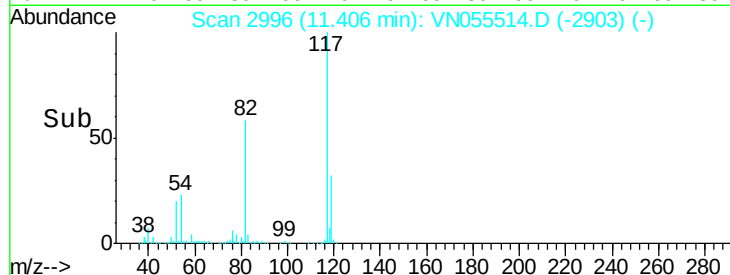
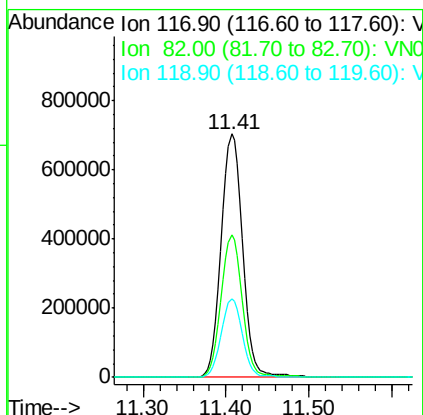
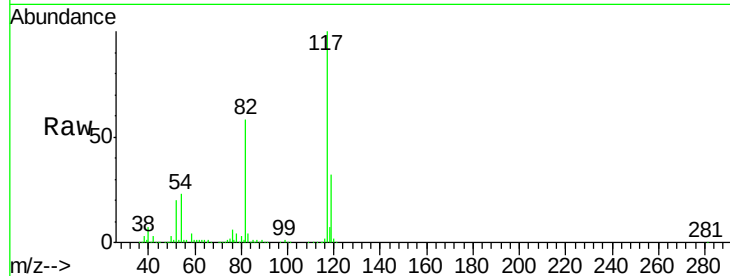




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055514.D
Acq: 9 May 2019 23:09

Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENT-BLANK-3

Tot Ion:117 Resp: 1261665
Ion Ratio Lower Upper
117 100
82 58.3 48.0 72.0
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055514.D
Acq: 9 May 2019 23:09

Tgt Ion:152 Resp: 353115
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.5
150 158.2 0.0 355.0

