

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061324.D
 Acq On : 7 May 2020 11:11
 Operator : JC/MD
 Sample : VN0507WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBL01

Quant Time: May 08 01:46:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	89767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	159968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	147826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	56532	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	73817	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.54	113	48126	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
50) Toluene-d8	10.06	98	196782	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.37	95	67416	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	

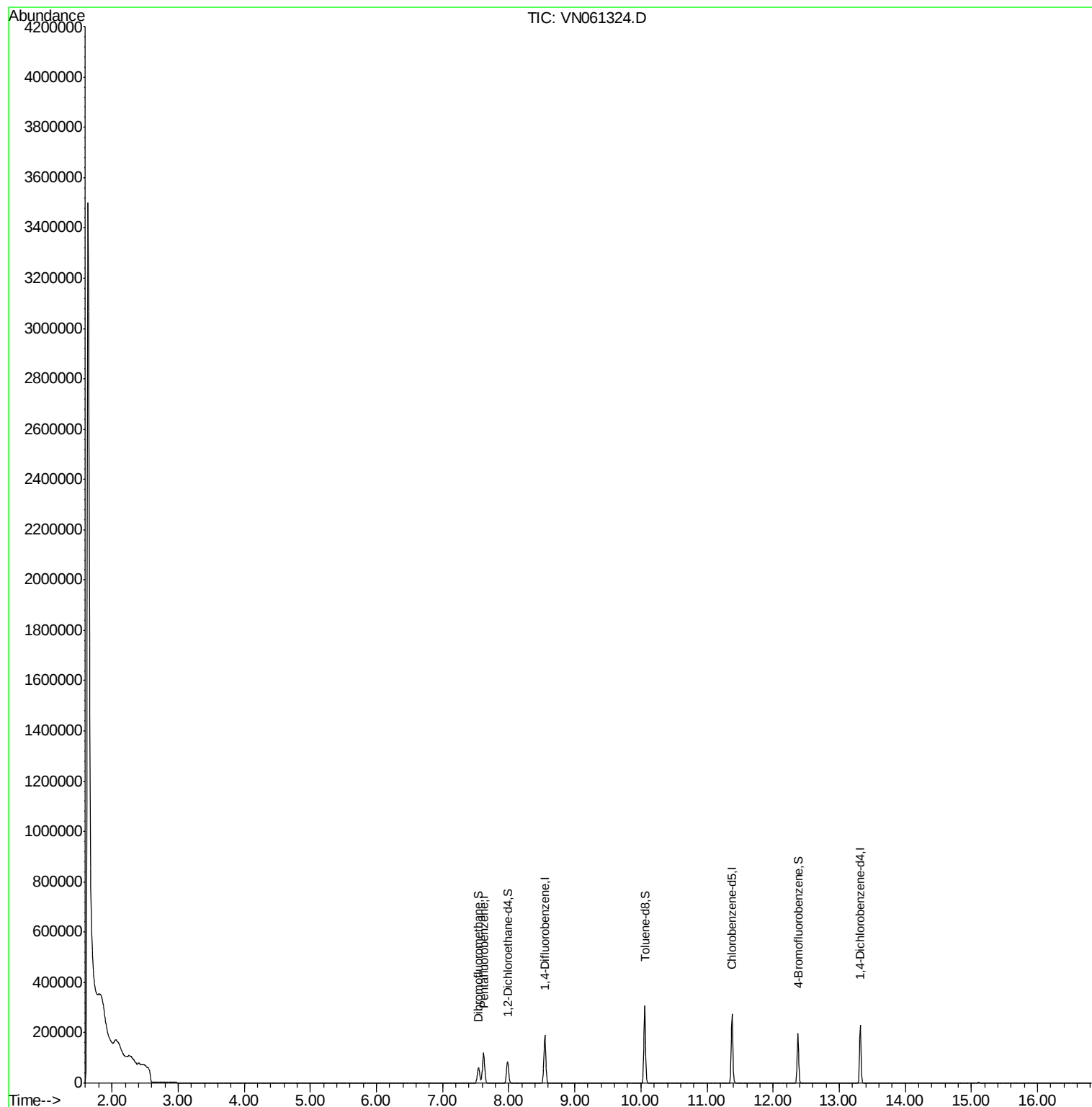
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061324.D

Acq: 7 May 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

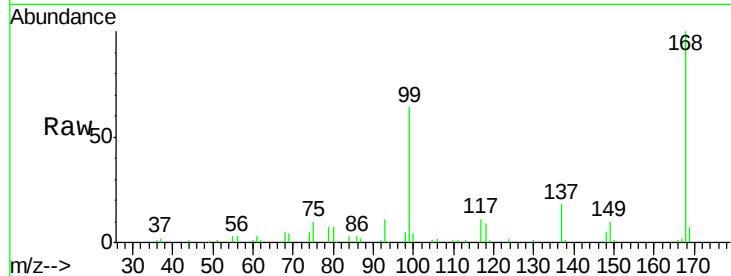
VN0507WBL01

Tot Ion:168 Resp: 89767

Ion Ratio Lower Upper

168 100

99 64.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

40000

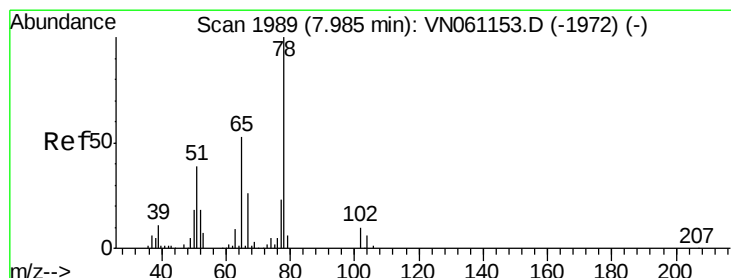
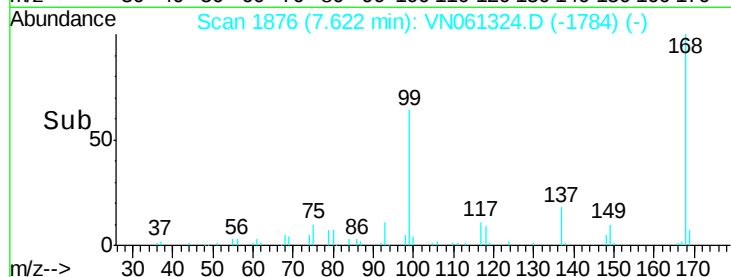
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.969 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061324.D

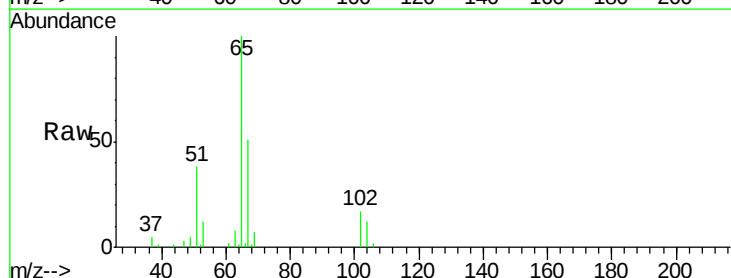
Acq: 7 May 2020 11:11

Tgt Ion: 65 Resp: 73817

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.98

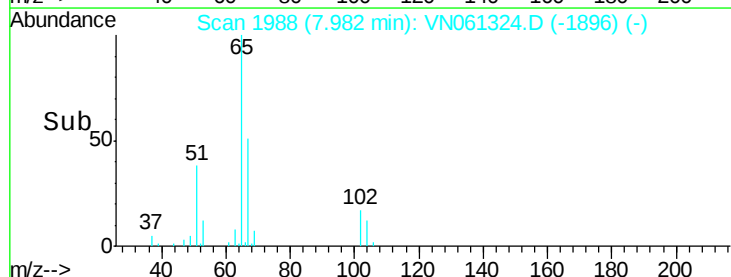
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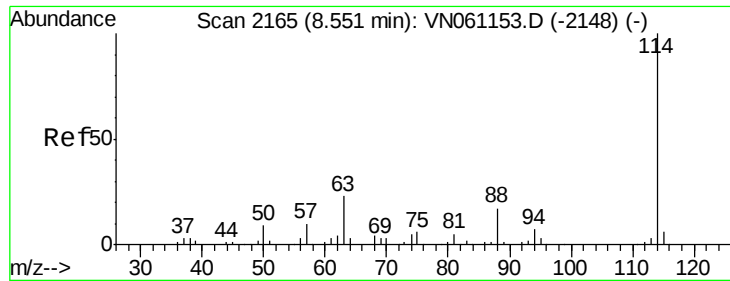
20000

10000

0

Time--> 7.90 8.00 8.10

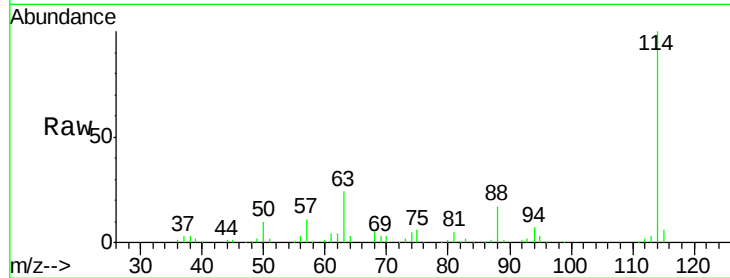




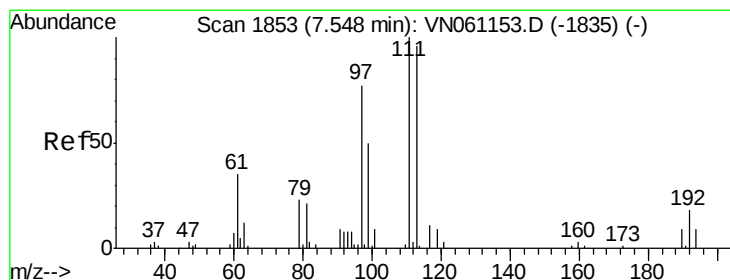
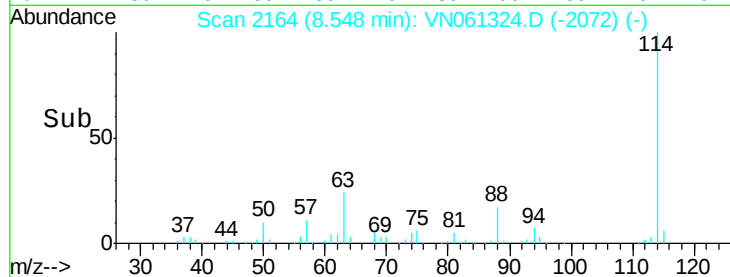
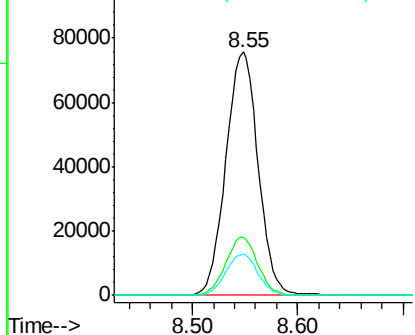
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061324.D
 Acq: 7 May 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBL01

Tot Ion:114 Resp: 159968
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.7 0.0 33.4

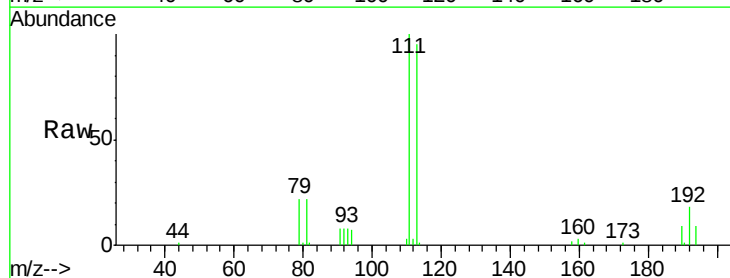


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

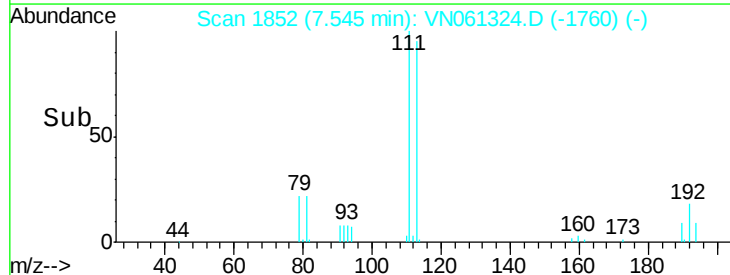
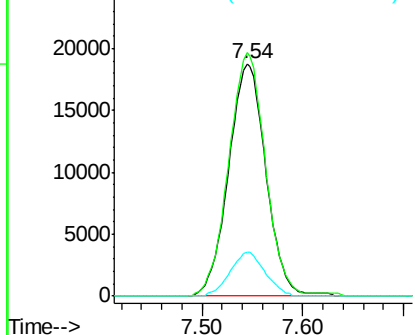


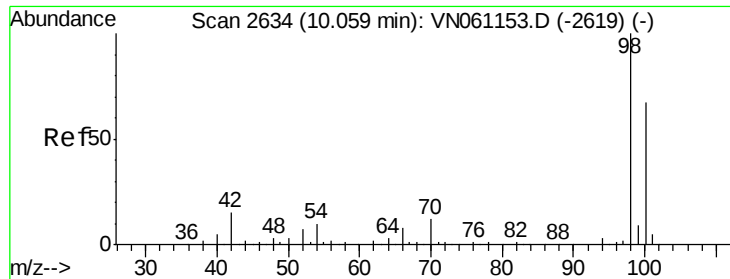
#35
 Dibromofluoromethane
 Concen: 50.877 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061324.D
 Acq: 7 May 2020 11:11

Tgt Ion:113 Resp: 48126
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 17.7 14.7 22.1



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





#50

Toluene-d8

Concen: 51.031 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061324.D

Acq: 7 May 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

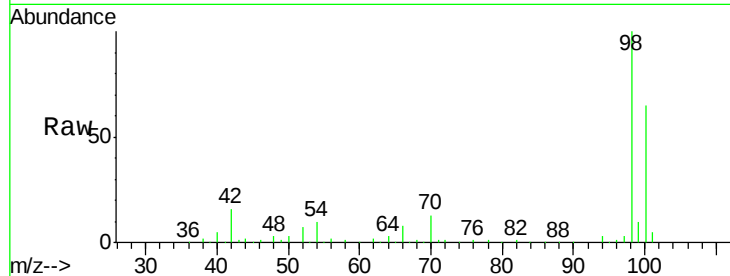
VN0507WBL01

Tot Ion: 98 Resp: 196782

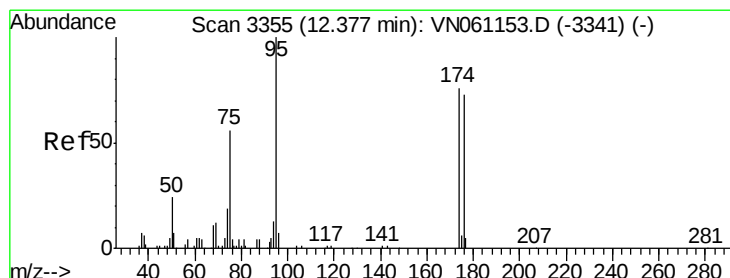
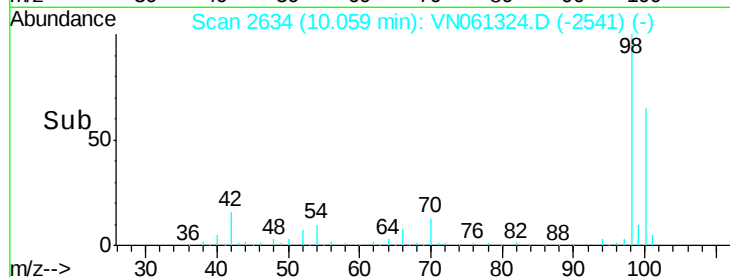
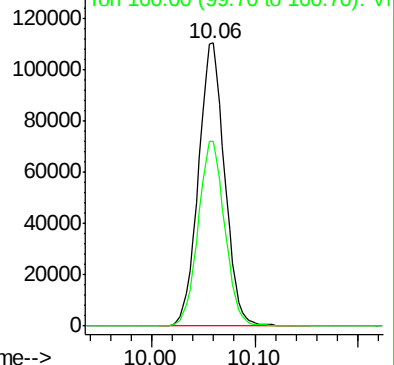
Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)



#62

4-Bromofluorobenzene

Concen: 46.458 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061324.D

Acq: 7 May 2020 11:11

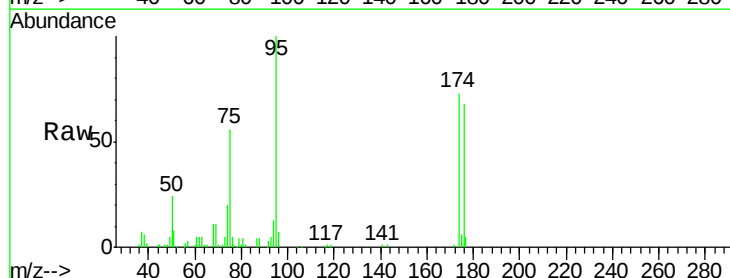
Tgt Ion: 95 Resp: 67416

Ion Ratio Lower Upper

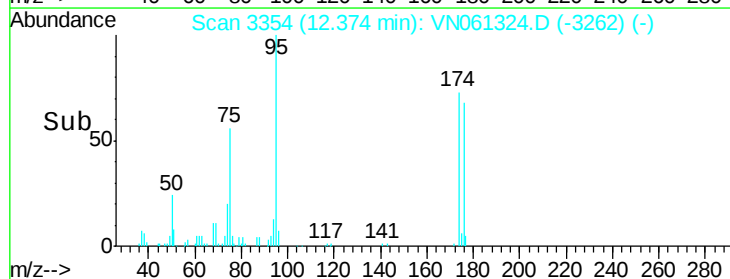
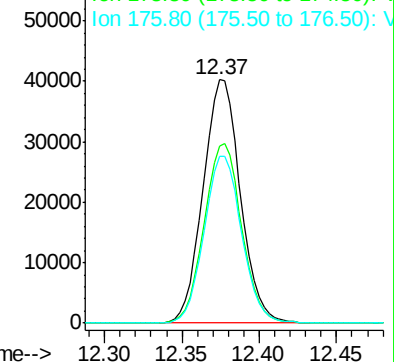
95 100

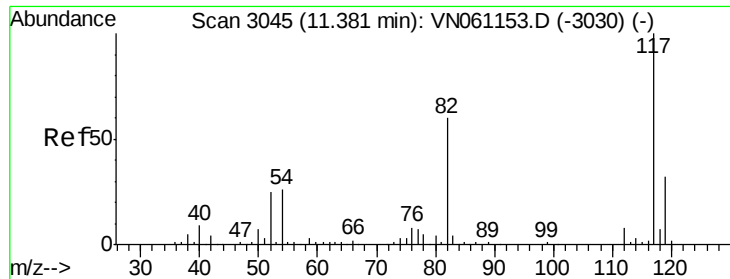
174 74.0 0.0 149.4

176 68.8 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

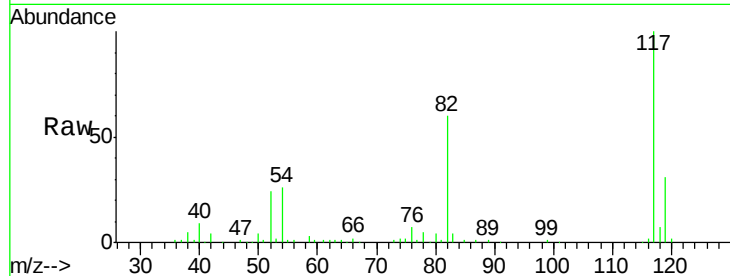




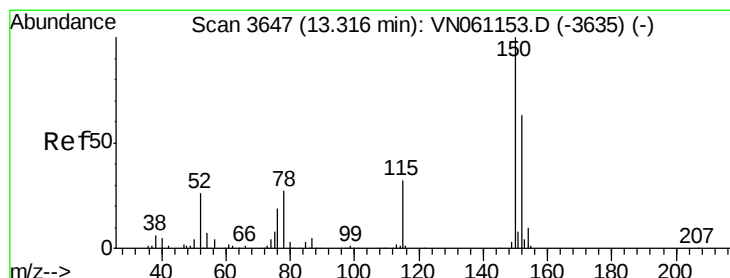
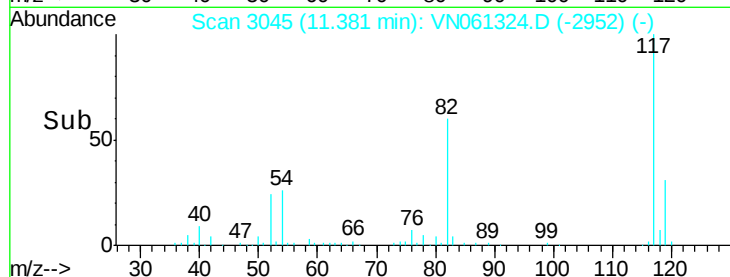
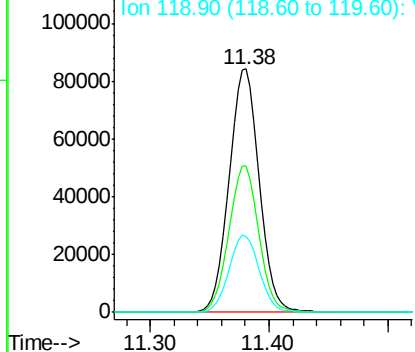
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061324.D
Acq: 7 May 2020 11:11

Instrument :
MSVOA_N
ClientSampled :
VN0507WBL01

Tot Ion:117 Resp: 147826
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.3 25.8 38.6

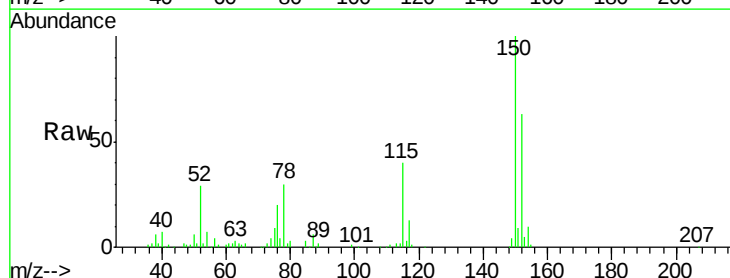


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061324.D
Acq: 7 May 2020 11:11

Tgt Ion:152 Resp: 56532
Ion Ratio Lower Upper
152 100
115 62.9 31.0 93.0
150 157.2 0.0 351.8



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

