

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061132.D
 Acq On : 22 Apr 2020 17:16
 Operator : JC/MD
 Sample : VN0422WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBL01

Quant Time: Apr 23 07:50:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	199338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	328701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	316502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	154201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.77	65	124929	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
35) Dibromofluoromethane	7.31	113	91469	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	9.88	98	401334	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.21	95	159954	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	

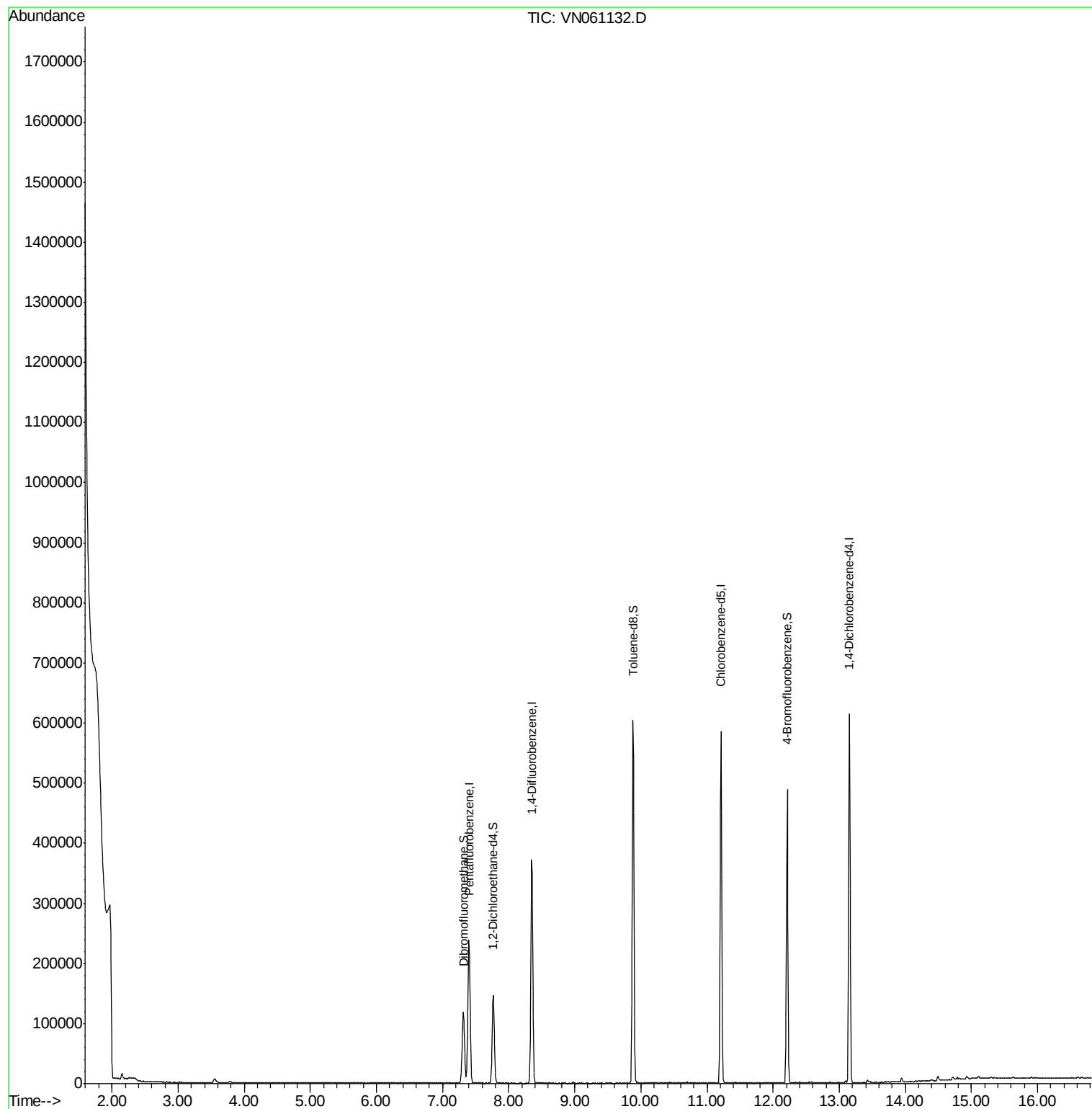
Target Compounds	Qvalue
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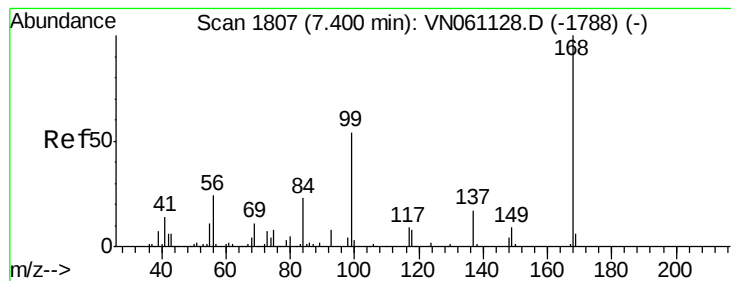
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 22 15:26:40 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061132.D

Acq: 22 Apr 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

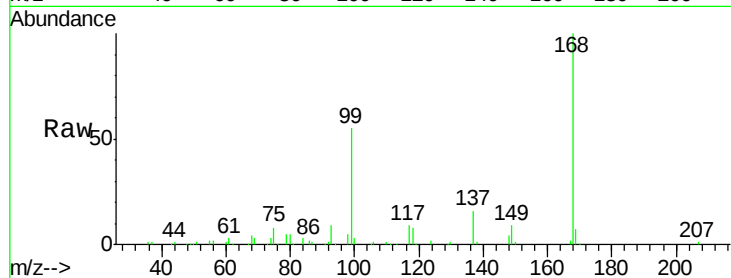
VN0422WBL01

Tot Ion:168 Resp: 199338

Ion Ratio Lower Upper

168 100

99 55.1 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.40

80000

60000

40000

20000

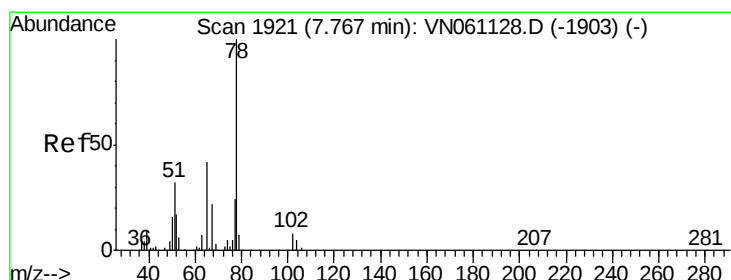
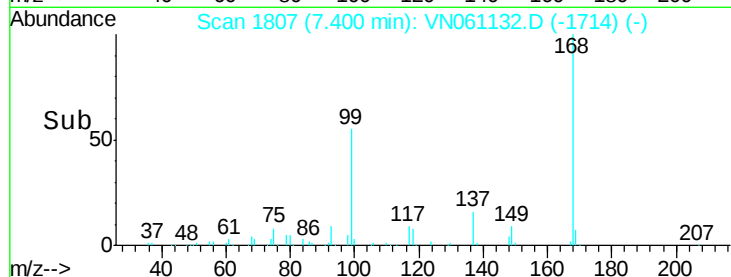
0

Time-->

7.30

7.40

7.50



#33

1,2-Dichloroethane-d4

Concen: 47.265 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VN061132.D

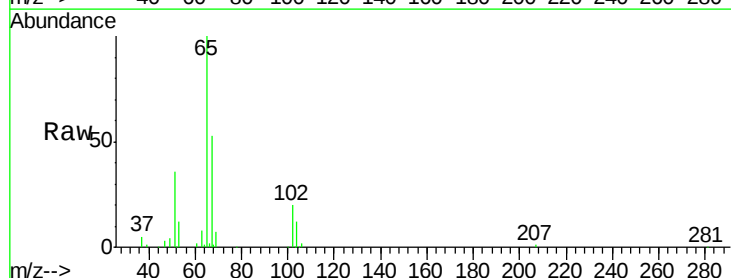
Acq: 22 Apr 2020 17:16

Tgt Ion: 65 Resp: 124929

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.77

60000

50000

40000

30000

20000

10000

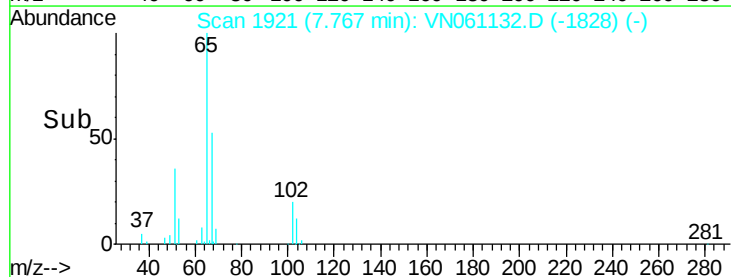
0

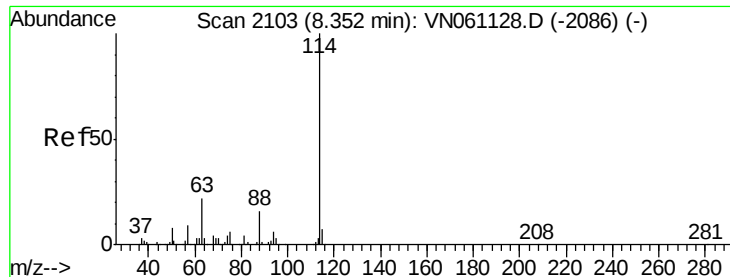
Time-->

7.70

7.80

7.90





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.35 min Scan# 2103

Delta R.T. 0.00 min

Lab File: VN061132.D

Acq: 22 Apr 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBL01

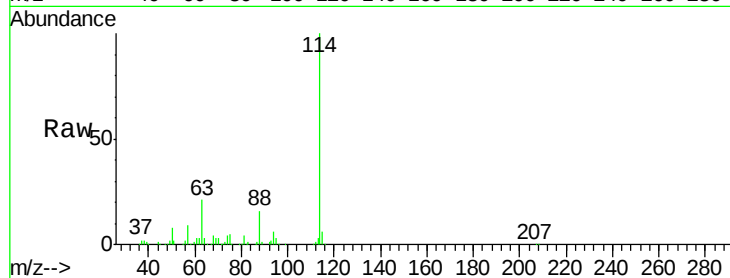
Tot Ion:114 Resp: 328701

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

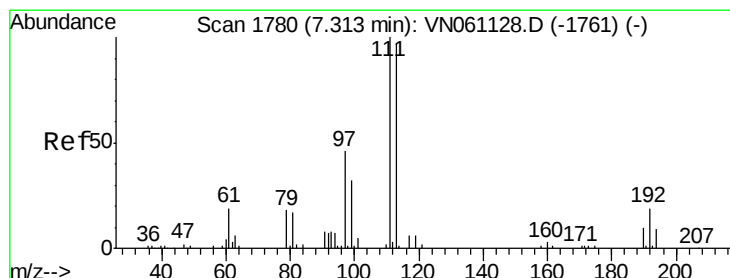
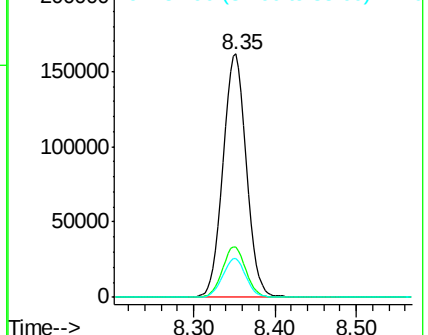
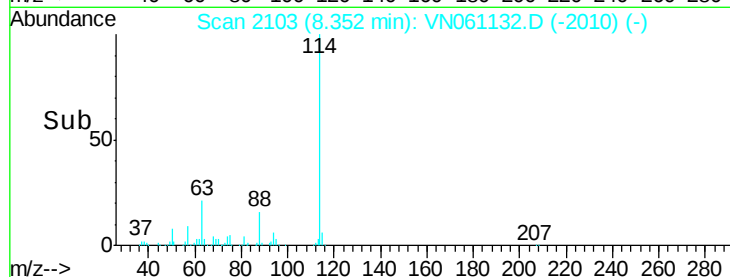
88 15.8 0.0 32.4



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: 48.761 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN061132.D

Acq: 22 Apr 2020 17:16

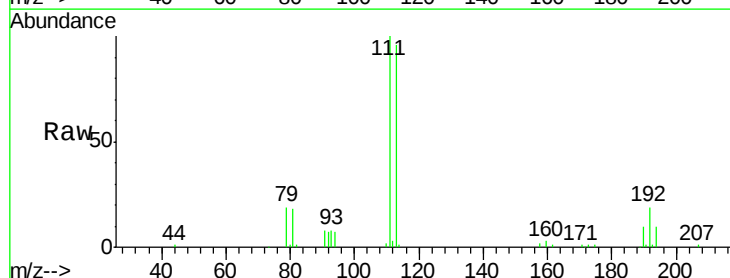
Tgt Ion:113 Resp: 91469

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

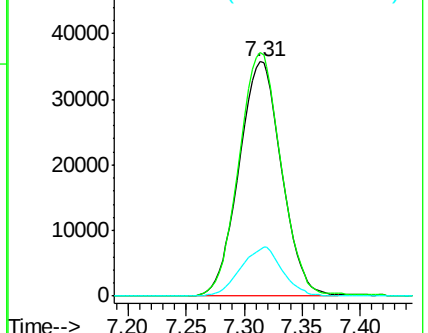
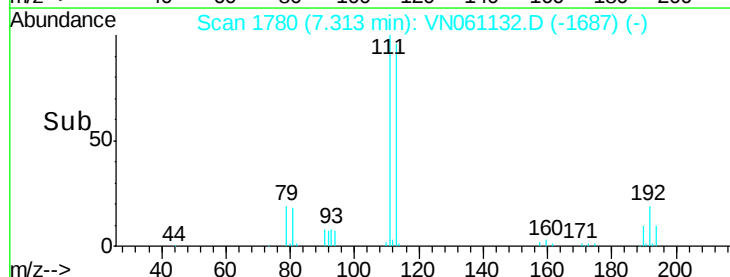
192 20.4 15.8 23.6

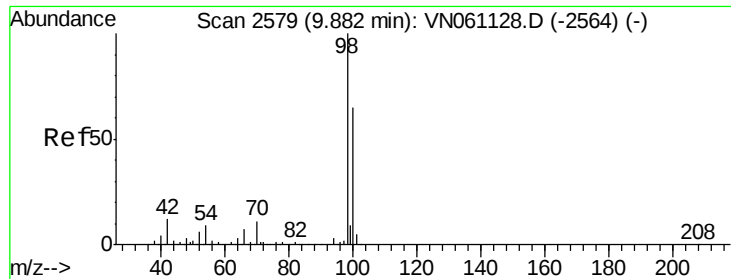


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.927 ug/l

RT: 9.88 min Scan# 2579

Delta R.T. 0.00 min

Lab File: VN061132.D

Acq: 22 Apr 2020 17:16

Instrument :

MSVOA_N

ClientSampleId :

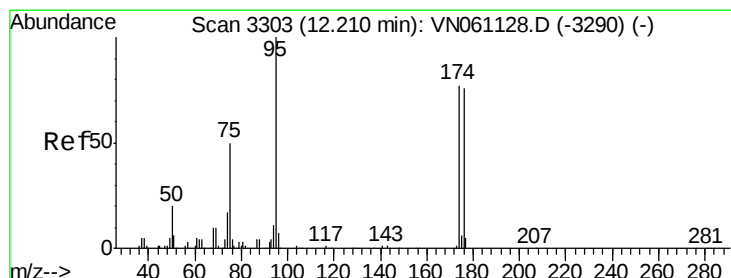
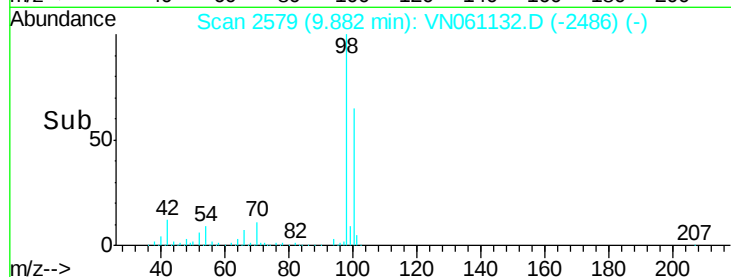
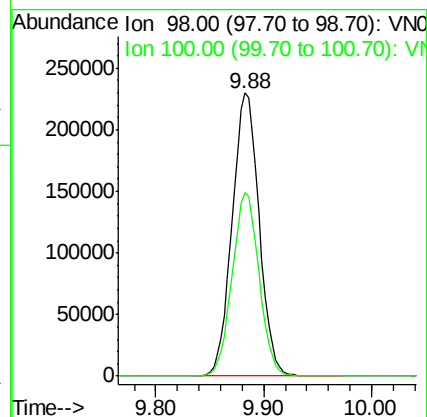
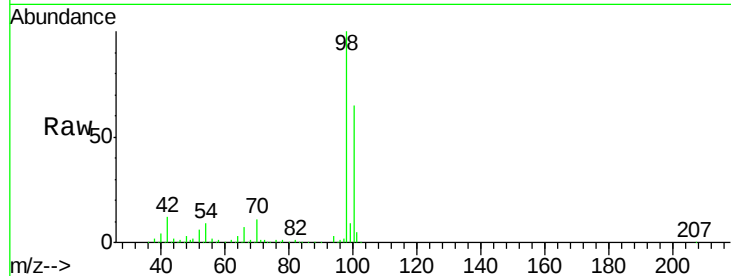
VN0422WBL01

Tot Ion: 98 Resp: 401334

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 53.132 ug/l

RT: 12.21 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061132.D

Acq: 22 Apr 2020 17:16

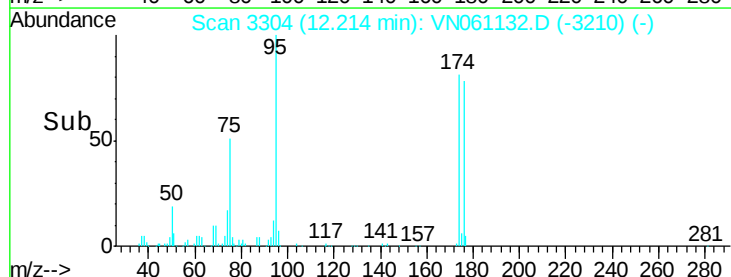
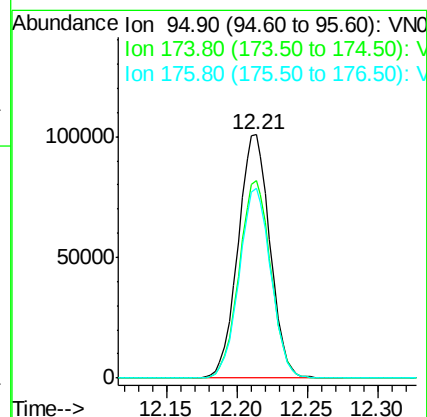
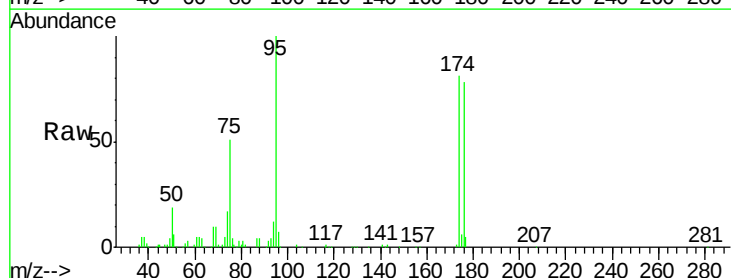
Tgt Ion: 95 Resp: 159954

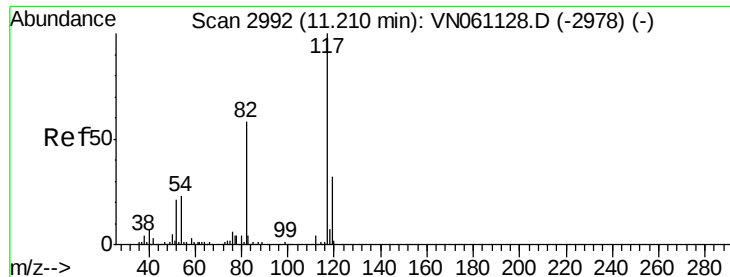
Ion Ratio Lower Upper

95 100

174 80.4 0.0 157.6

176 77.2 0.0 154.4

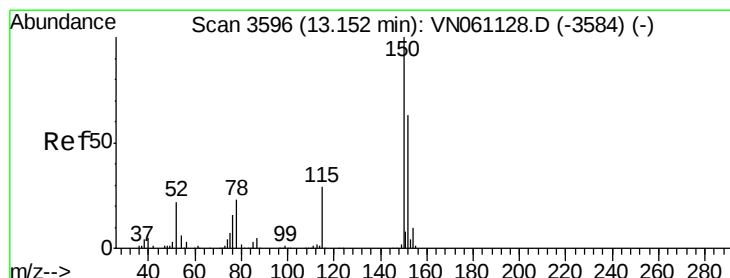
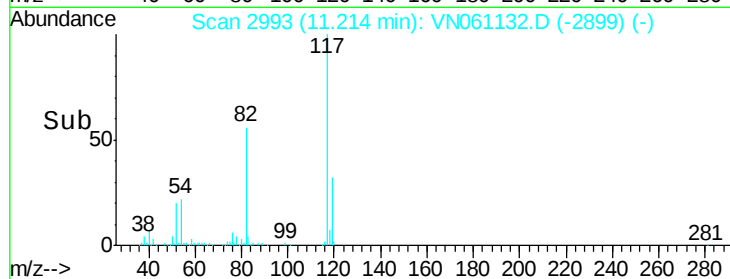
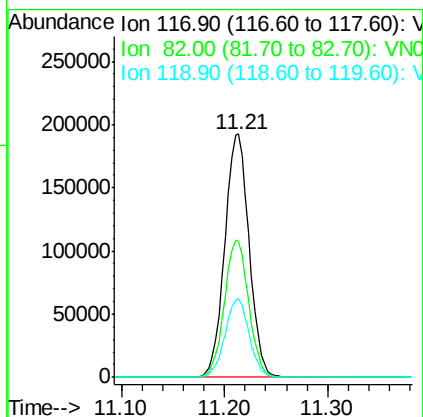
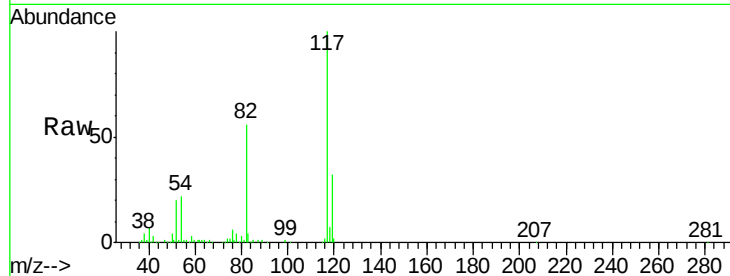




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061132.D
Acq: 22 Apr 2020 17:16

Instrument :
MSVOA_N
ClientSampled :
VN0422WBL01

Tot Ion:117 Resp: 316502
Ion Ratio Lower Upper
117 100
82 55.9 46.0 69.0
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.15 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061132.D
Acq: 22 Apr 2020 17:16

Tgt Ion:152 Resp: 154201
Ion Ratio Lower Upper
152 100
115 59.0 29.8 89.5
150 157.0 0.0 348.6

