

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063196.D
 Acq On : 2 Sep 2020 15:29
 Operator : JC/MD
 Sample : L3890-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200901

Quant Time: Sep 03 02:22:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	338639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	659948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	652650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	257950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	266531	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	7.55	113	216001	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
50) Toluene-d8	10.06	98	838068	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.38	95	293287	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	

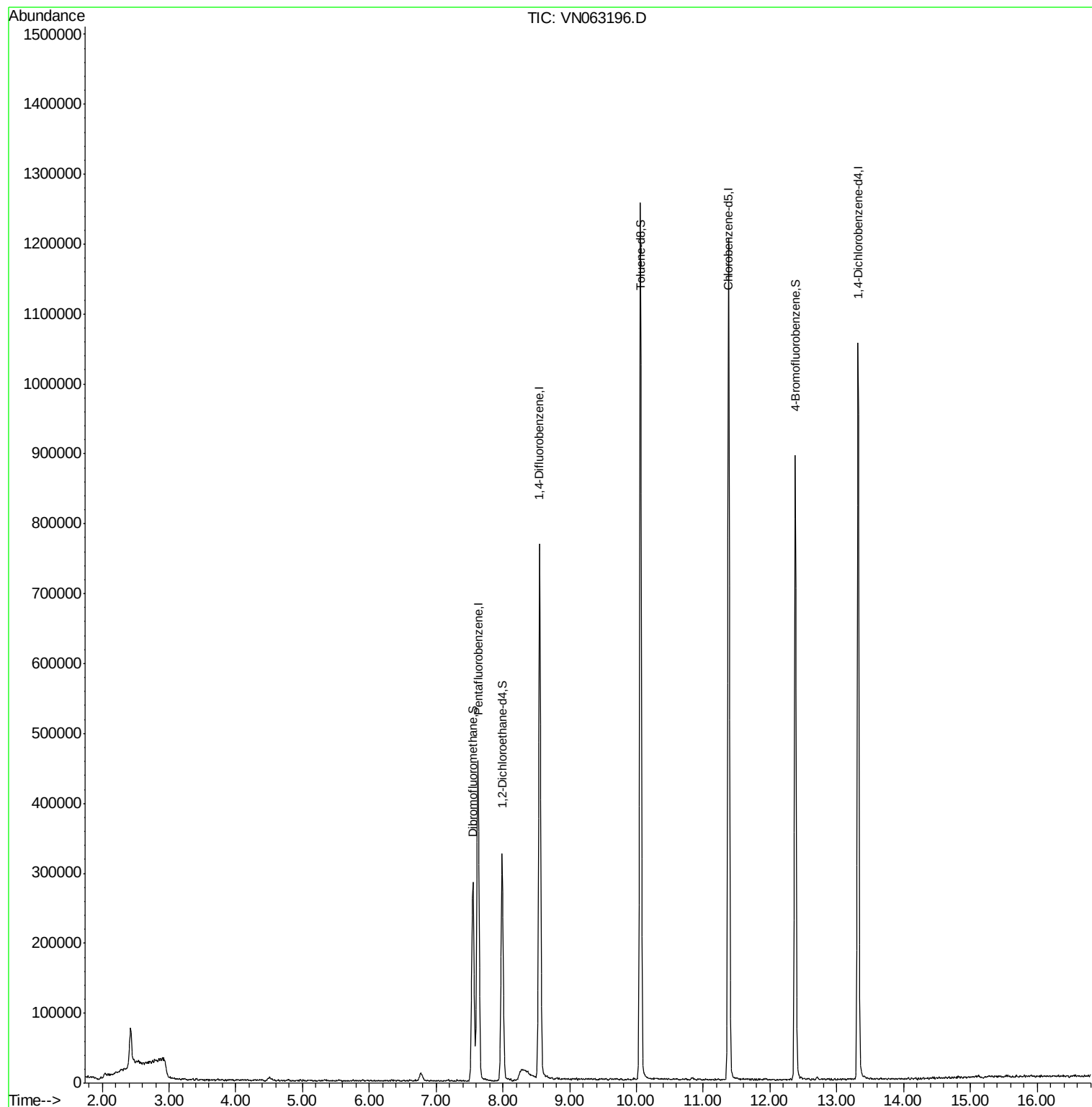
Target Compounds	Qvalue
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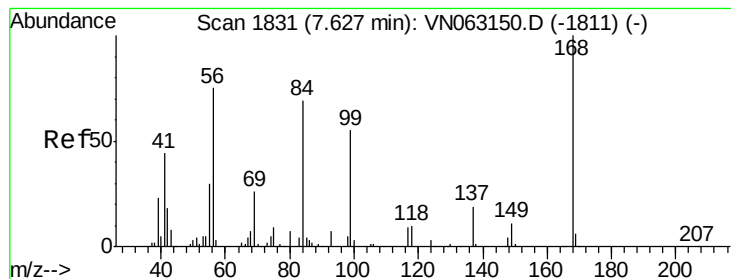
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063196.D

Acq: 2 Sep 2020 15:29

Instrument :

MSVOA_N

ClientSampled :

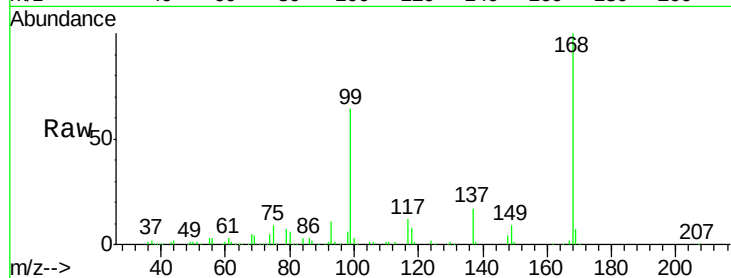
TB-01-200901

Tot Ion:168 Resp: 338639

Ion Ratio Lower Upper

168 100

99 63.6 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

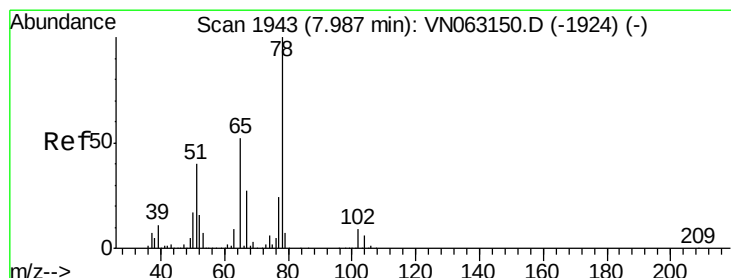
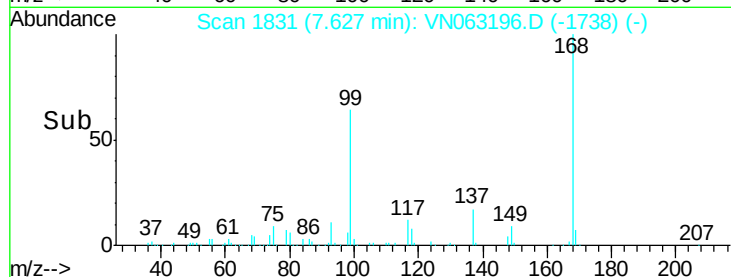
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.147 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063196.D

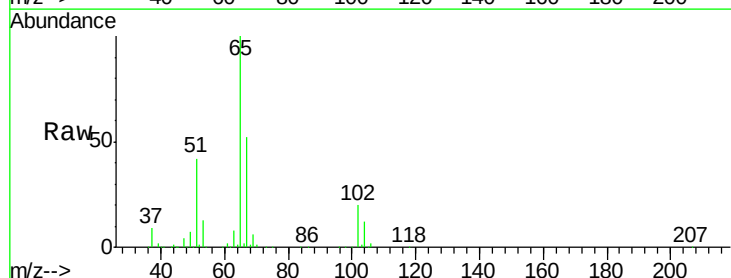
Acq: 2 Sep 2020 15:29

Tgt Ion: 65 Resp: 266531

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

120000

100000

80000

60000

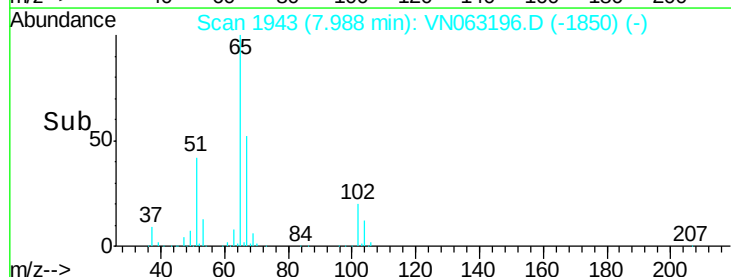
40000

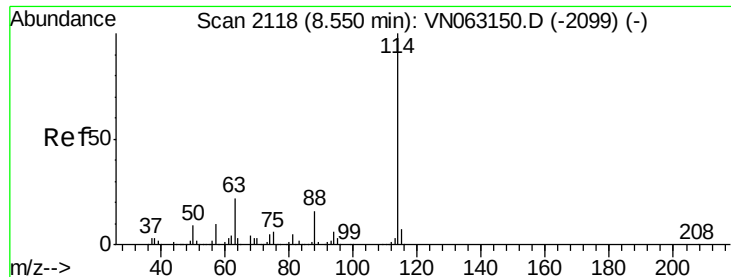
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063196.D

Acq: 2 Sep 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200901

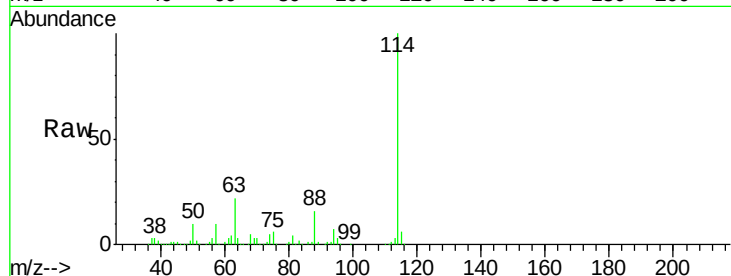
Tot Ion:114 Resp: 659948

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.0

88 15.9 0.0 31.6



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

8.55

400000

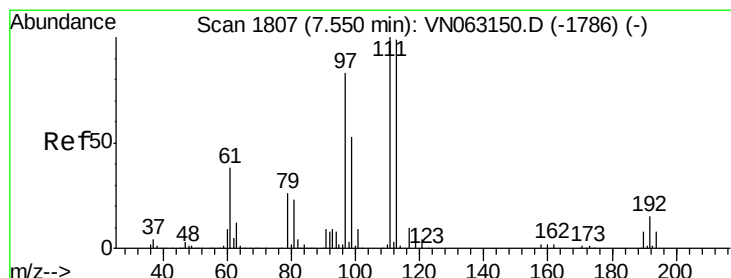
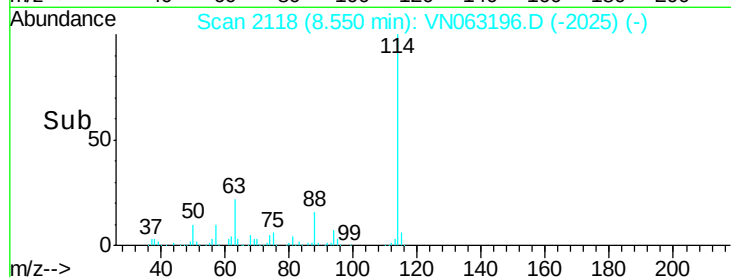
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 51.017 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063196.D

Acq: 2 Sep 2020 15:29

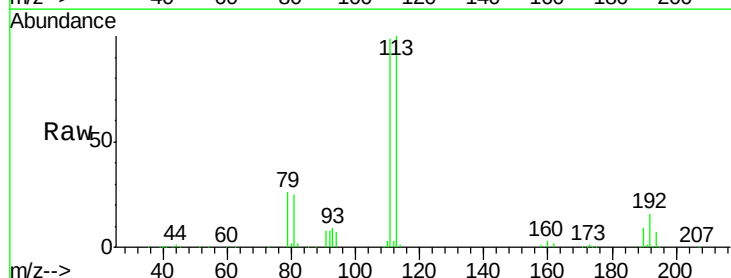
Tgt Ion:113 Resp: 216001

Ion Ratio Lower Upper

113 100

111 100.9 80.7 121.1

192 15.9 12.6 19.0



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

7.55

100000

80000

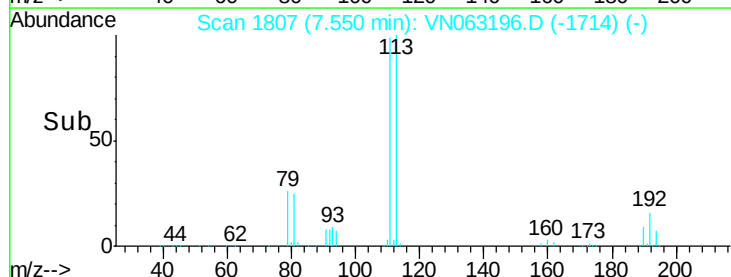
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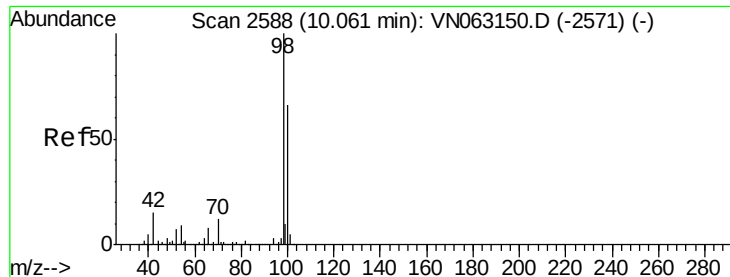
40000

20000

0

Time-->





#50

Toluene-d8

Concen: 51.427 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063196.D

Acq: 2 Sep 2020 15:29

Instrument :

MSVOA_N

ClientSampled :

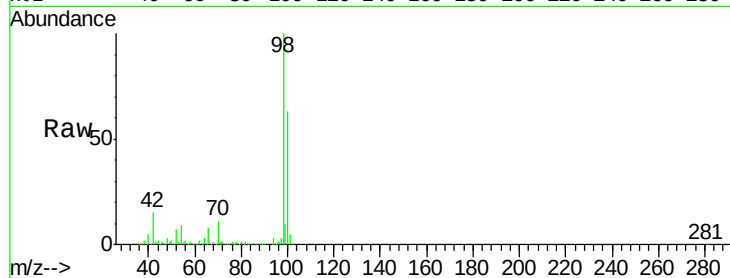
TB-01-200901

Tot Ion: 98 Resp: 838068

Ion Ratio Lower Upper

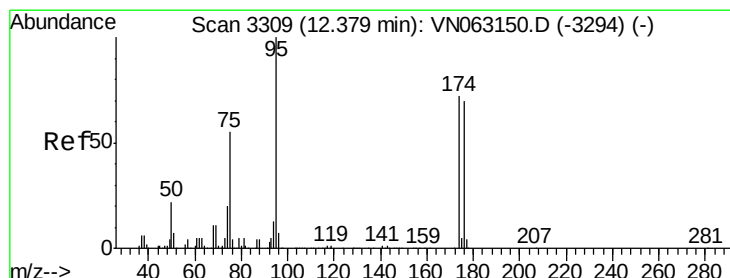
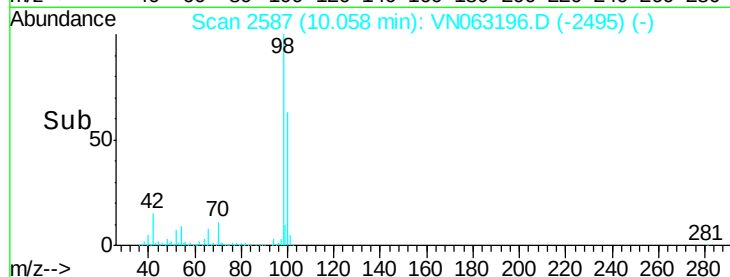
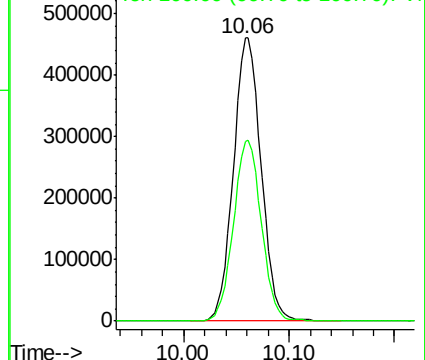
98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.449 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063196.D

Acq: 2 Sep 2020 15:29

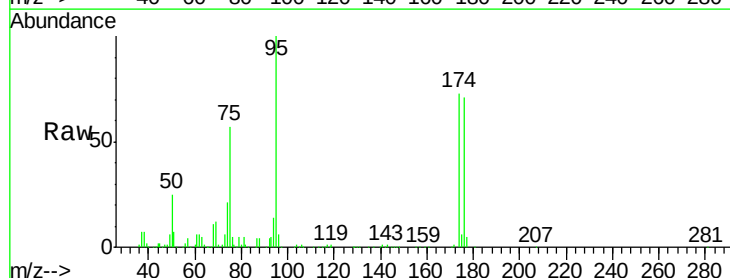
Tgt Ion: 95 Resp: 293287

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.8

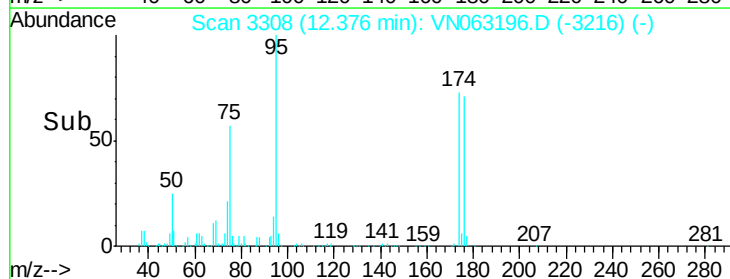
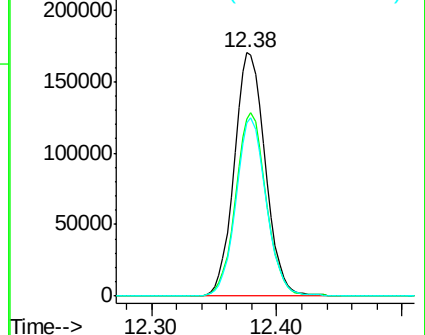
176 71.2 0.0 138.4

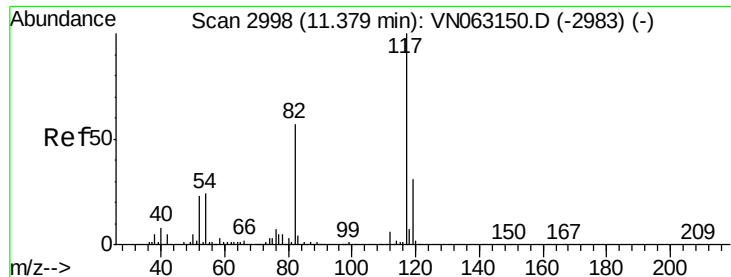


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

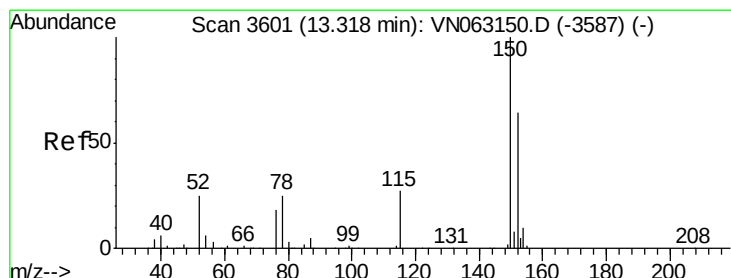
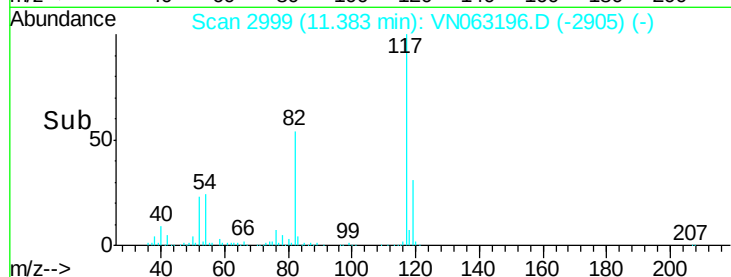
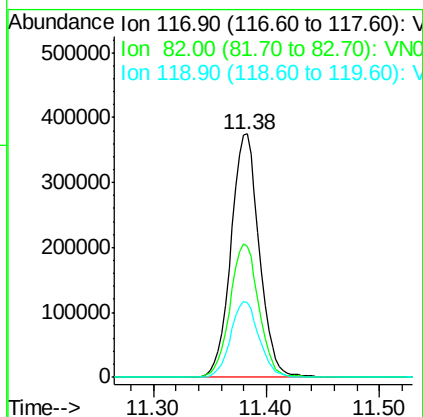
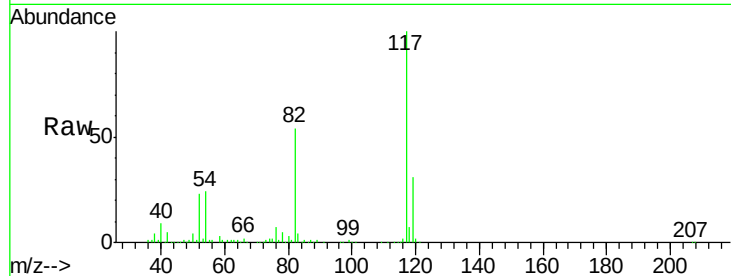




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063196.D
Acq: 2 Sep 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
TB-01-200901

Tot Ion:117 Resp: 652650
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 30.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063196.D
Acq: 2 Sep 2020 15:29

Tgt Ion:152 Resp: 257950
Ion Ratio Lower Upper
152 100
115 62.0 32.0 96.2
150 158.4 0.0 353.0

