

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063839.D
 Acq On : 2 Oct 2020 23:32
 Operator : JC/MD
 Sample : VN1002WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBL02

Quant Time: Oct 05 07:45:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165850	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	191328	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
35) Dibromofluoromethane	7.55	113	136469	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	10.06	98	514407	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	197844	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

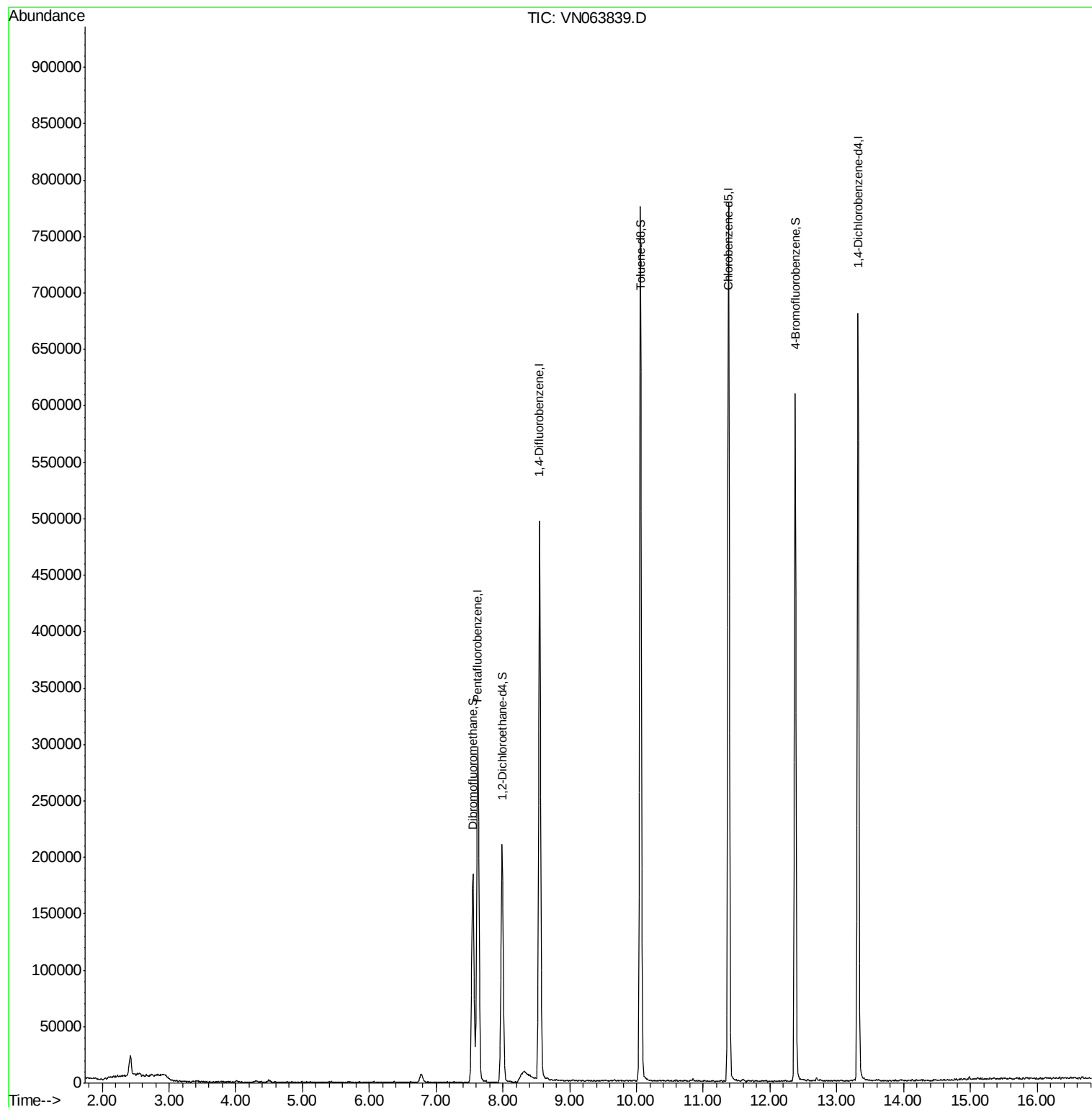
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063839.D

Acq: 2 Oct 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

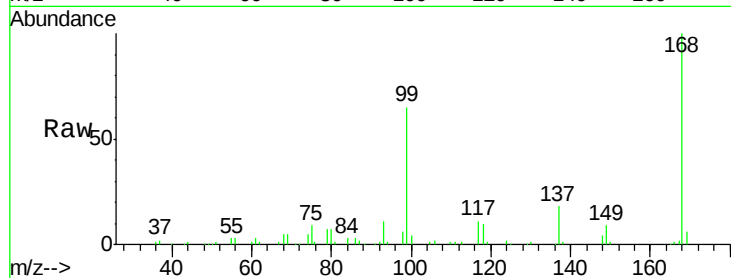
VN1002WBL02

Tot Ion:168 Resp: 217123

Ion Ratio Lower Upper

168 100

99 65.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

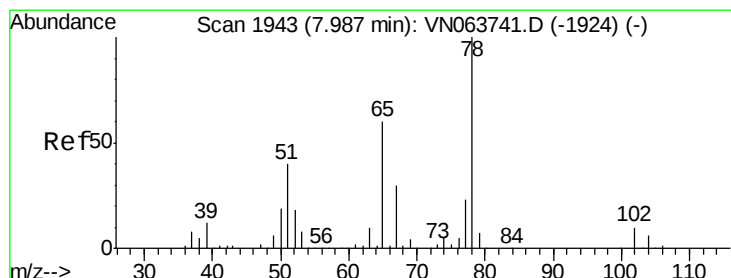
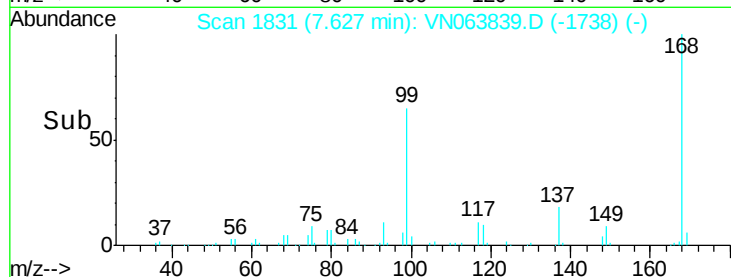
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 53.339 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063839.D

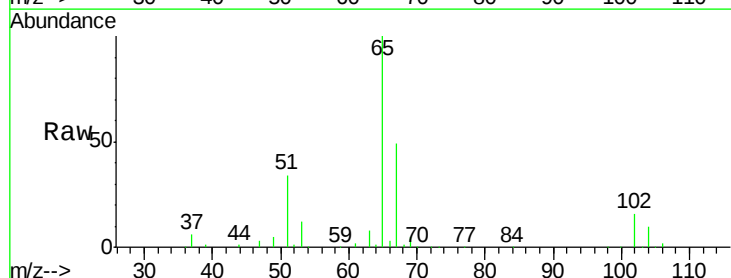
Acq: 2 Oct 2020 23:32

Tgt Ion: 65 Resp: 191328

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

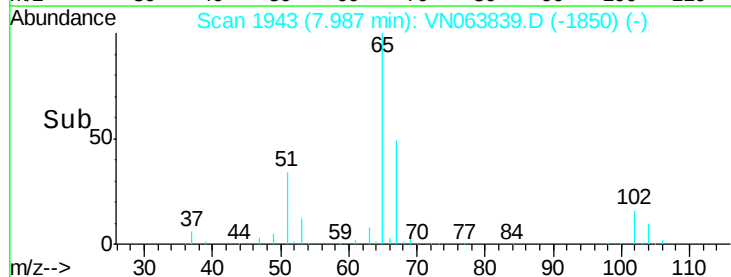
60000

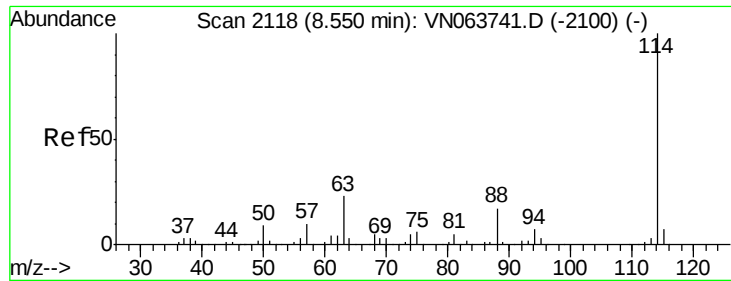
40000

20000

0

Time--> 7.90 8.00 8.10

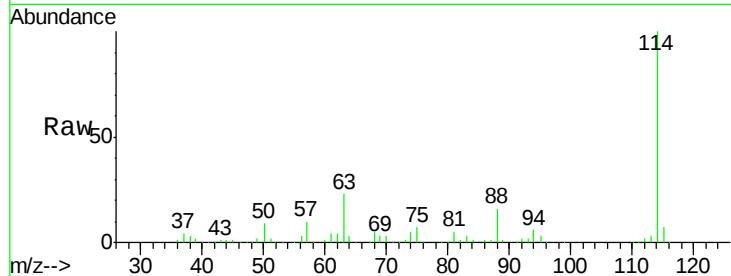




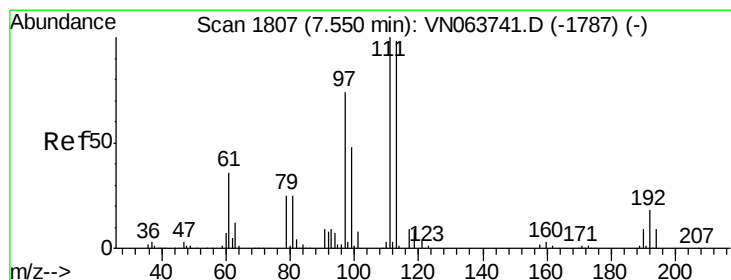
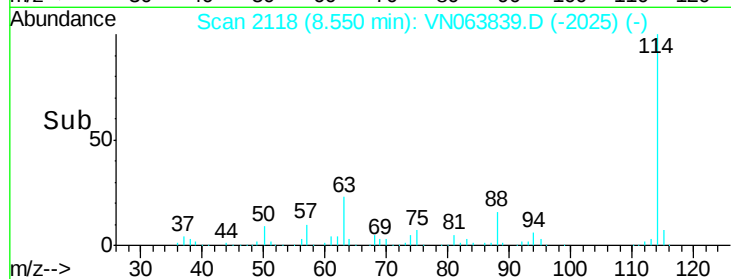
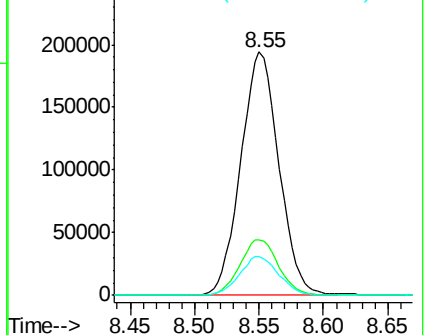
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063839.D
 Acq: 2 Oct 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBL02

Tot Ion:114 Resp: 399459
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.0 0.0 34.0

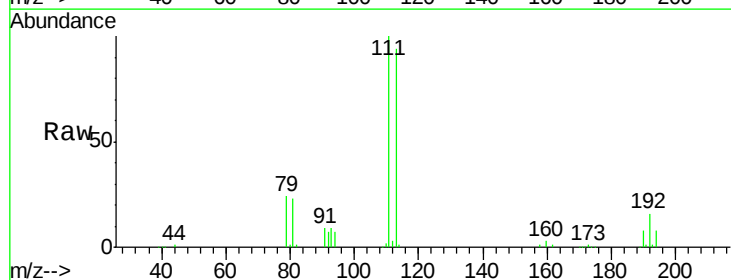


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

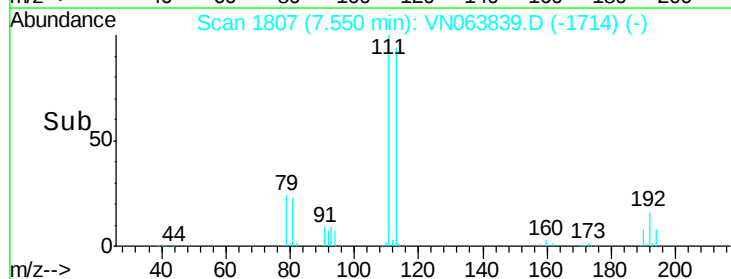
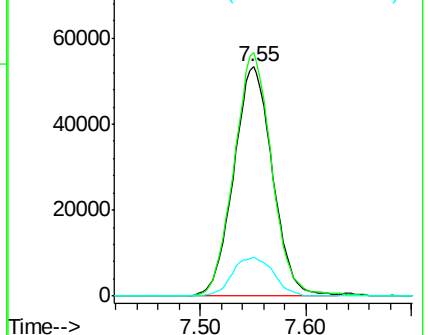


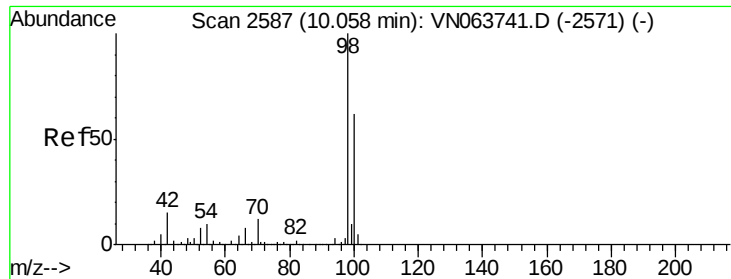
#35
 Dibromofluoromethane
 Concen: 49.236 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063839.D
 Acq: 2 Oct 2020 23:32

Tgt Ion:113 Resp: 136469
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 18.0 14.2 21.2



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: 48.957 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063839.D

Acq: 2 Oct 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

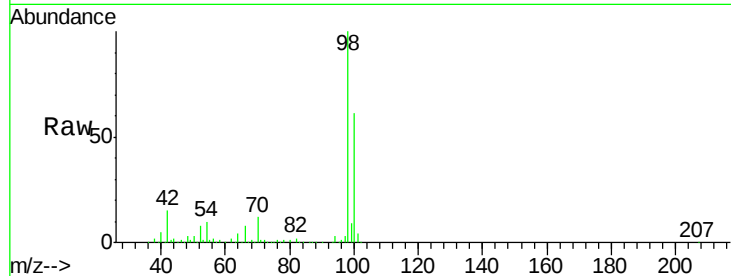
VN1002WBL02

Tot Ion: 98 Resp: 514407

Ion Ratio Lower Upper

98 100

100 62.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

300000

250000

200000

150000

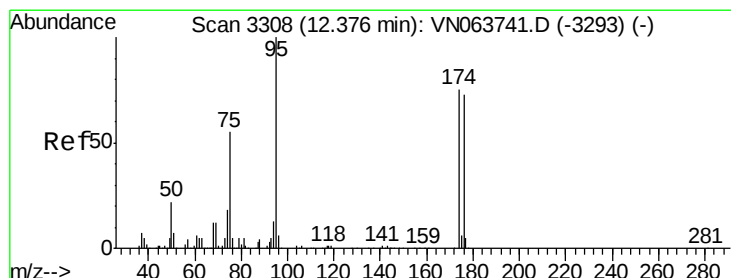
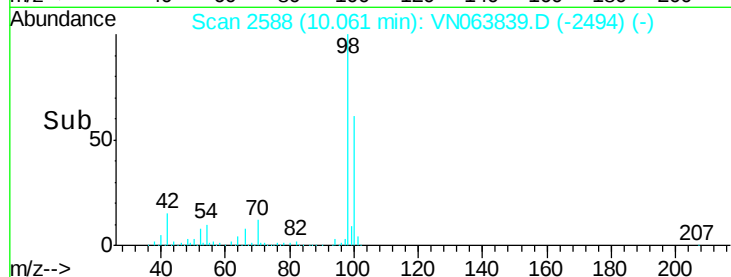
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 50.089 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063839.D

Acq: 2 Oct 2020 23:32

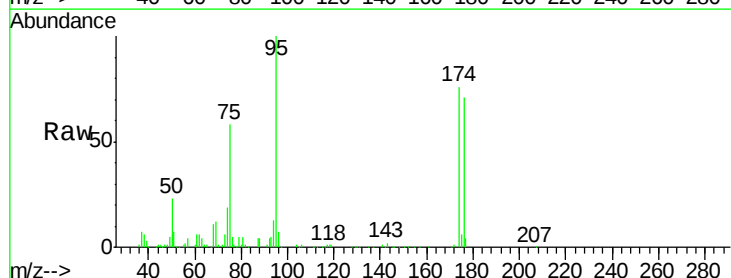
Tgt Ion: 95 Resp: 197844

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.6

176 70.9 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

150000

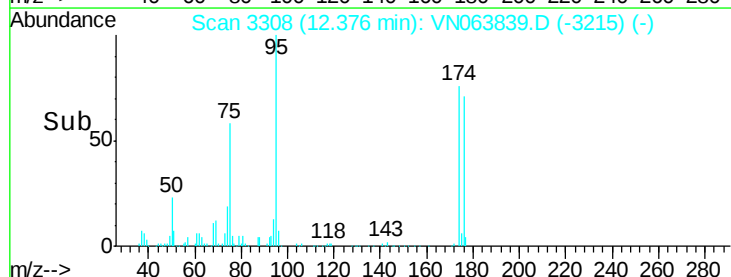
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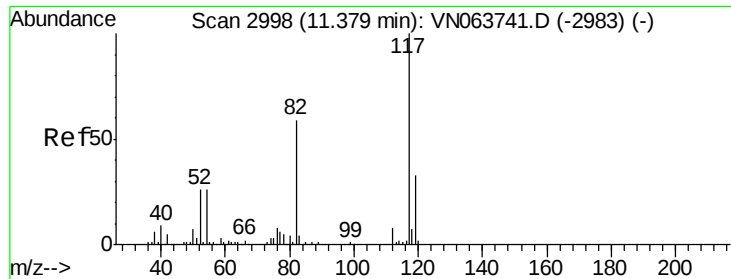
50000

0

Time-->

12.30 12.40 12.50

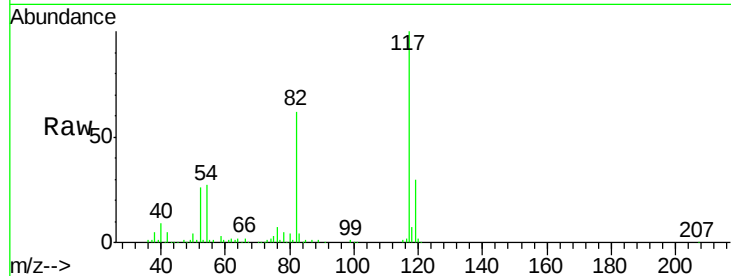




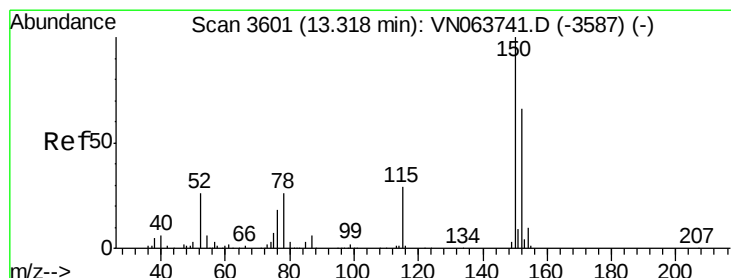
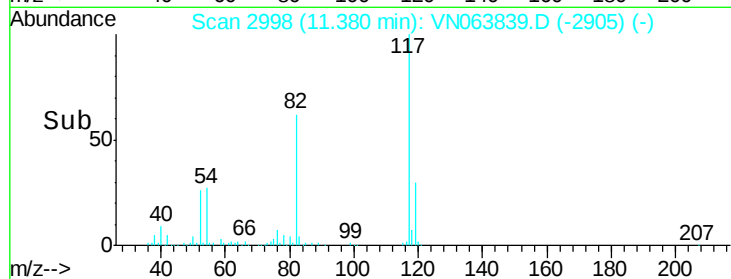
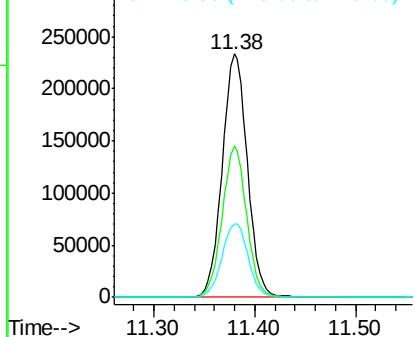
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063839.D
Acq: 2 Oct 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBL02

Tot Ion:117 Resp: 407184
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 30.3 26.4 39.6

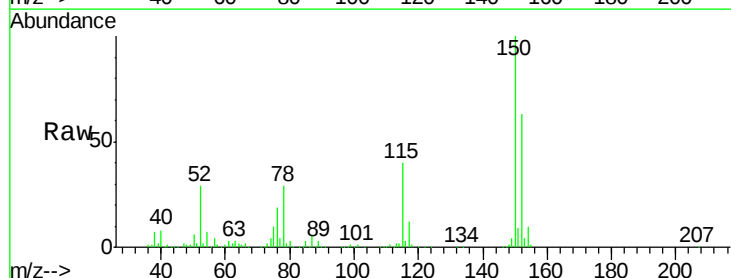


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063839.D
Acq: 2 Oct 2020 23:32

Tgt Ion:152 Resp: 165850
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.8
150 158.2 0.0 341.8



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

