

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063074.D
 Acq On : 21 Aug 2020 12:21
 Operator : JC/MD
 Sample : VN0821WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBL02

Quant Time: Aug 22 01:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	143936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	241149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	243332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96340	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
35) Dibromofluoromethane	7.55	113	82247	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.06	98	306772	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	100117	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

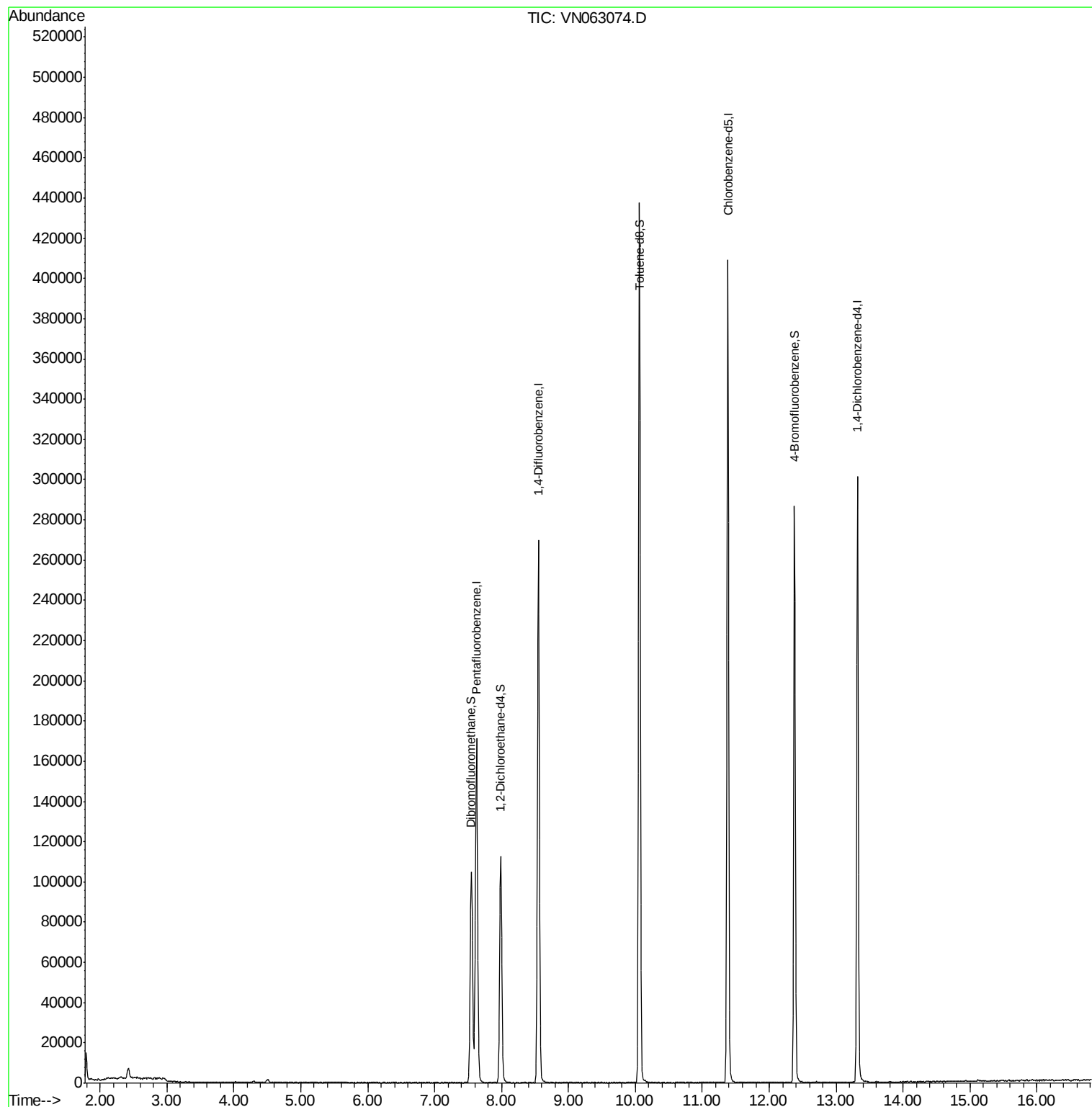
Target Compounds	Qvalue

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

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QLast Update : Wed Aug 19 06:09:27 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063074.D

Acq: 21 Aug 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

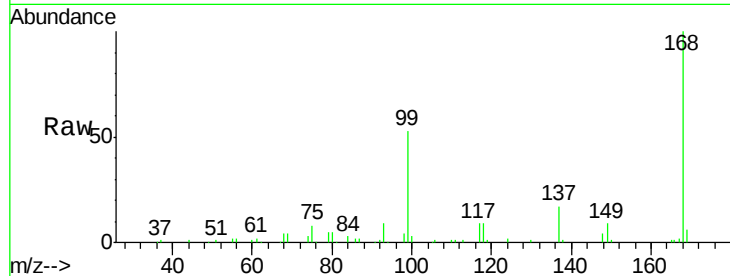
VN0821WBL02

Tot Ion:168 Resp: 143936

Ion Ratio Lower Upper

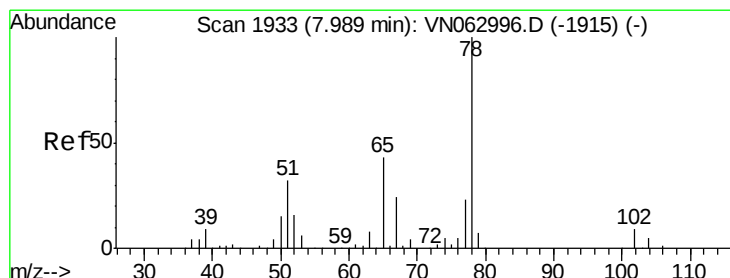
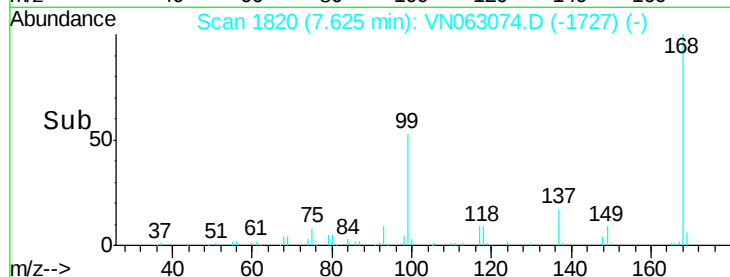
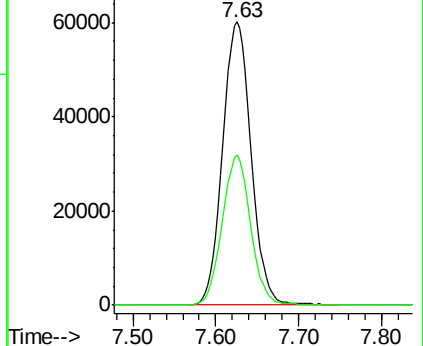
168 100

99 53.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 56.474 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063074.D

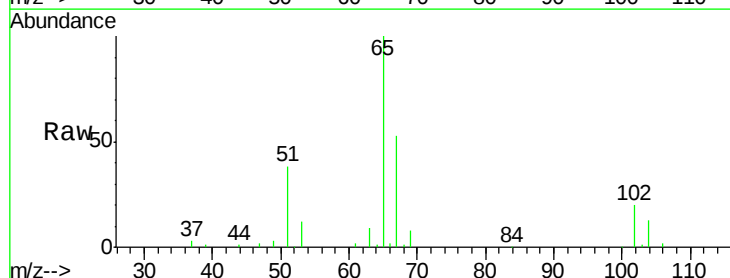
Acq: 21 Aug 2020 12:21

Tgt Ion: 65 Resp: 96340

Ion Ratio Lower Upper

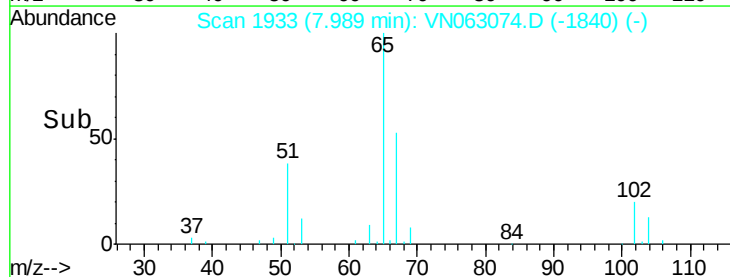
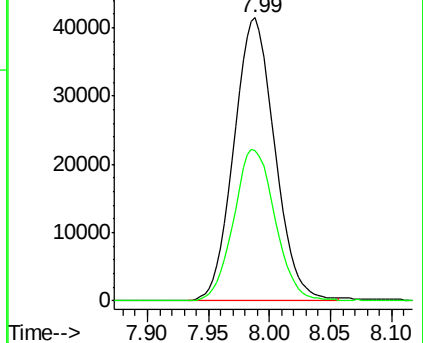
65 100

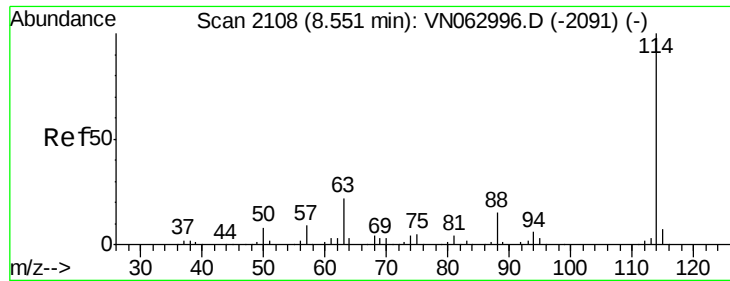
67 54.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

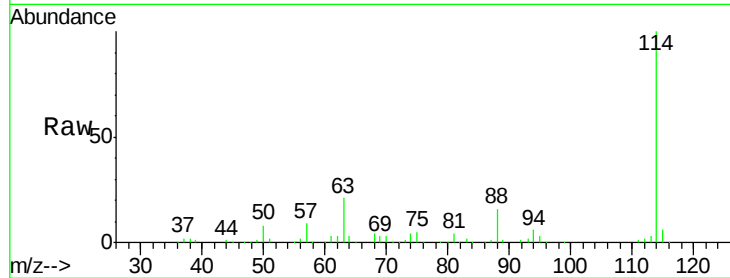




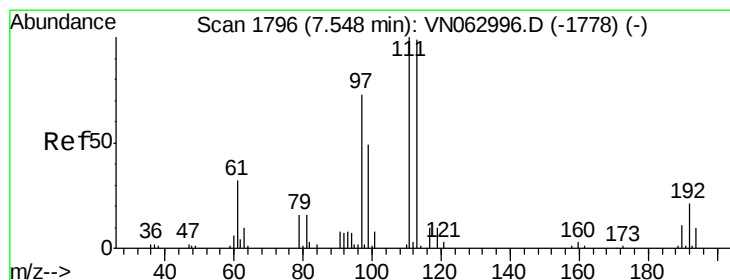
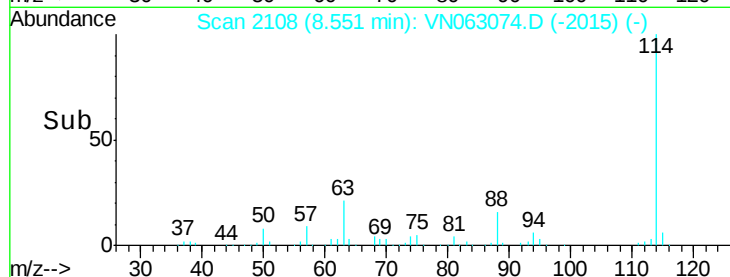
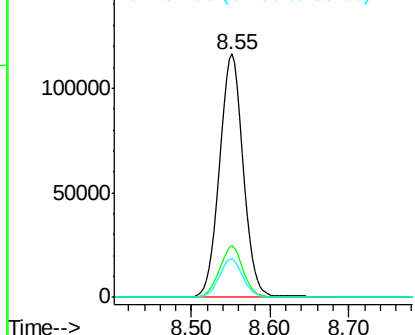
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063074.D
 Acq: 21 Aug 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBL02

Tot Ion:114 Resp: 241149
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.8 0.0 30.6

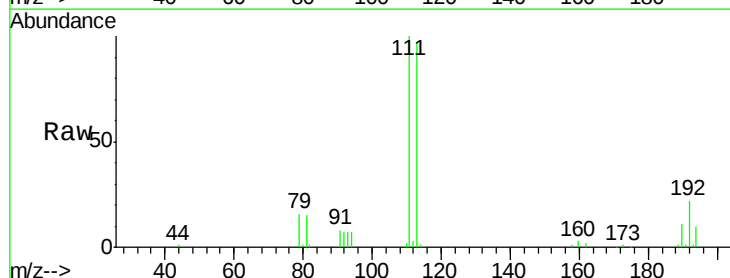


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

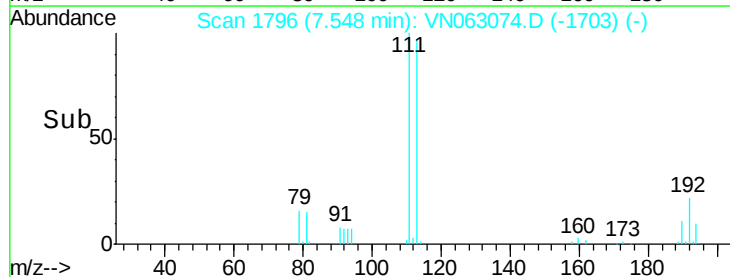
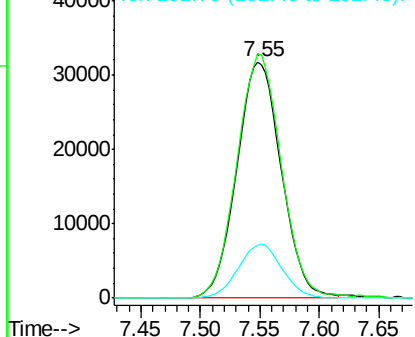


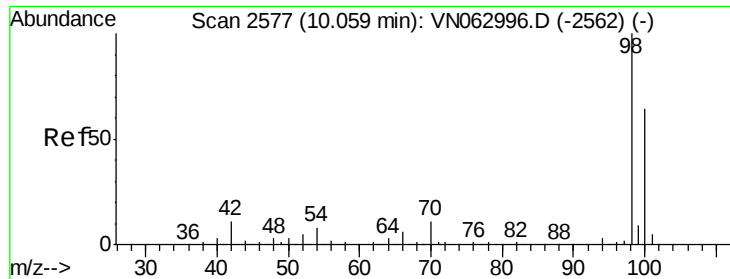
#35
 Dibromofluoromethane
 Concen: 52.343 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063074.D
 Acq: 21 Aug 2020 12:21

Tgt Ion:113 Resp: 82247
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.7 122.5
 192 22.4 17.5 26.3



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: 50.828 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063074.D

Acq: 21 Aug 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

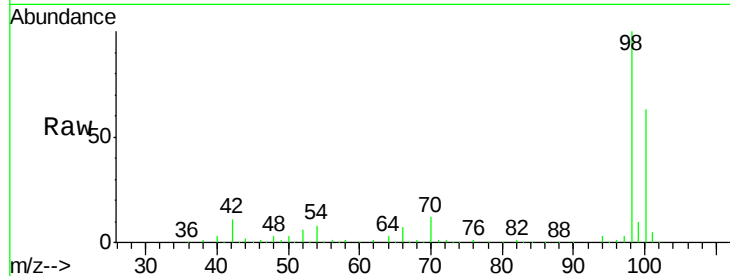
VN0821WBL02

Tot Ion: 98 Resp: 306772

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

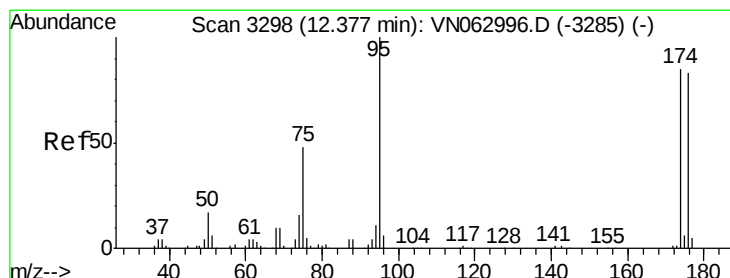
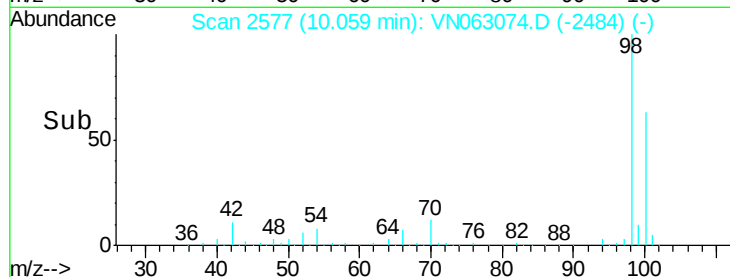
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.007 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063074.D

Acq: 21 Aug 2020 12:21

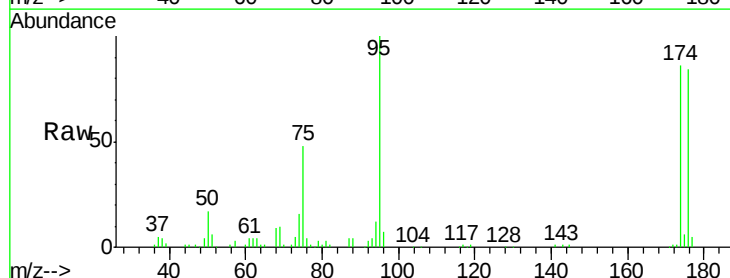
Tgt Ion: 95 Resp: 100117

Ion Ratio Lower Upper

95 100

174 87.0 0.0 170.8

176 84.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

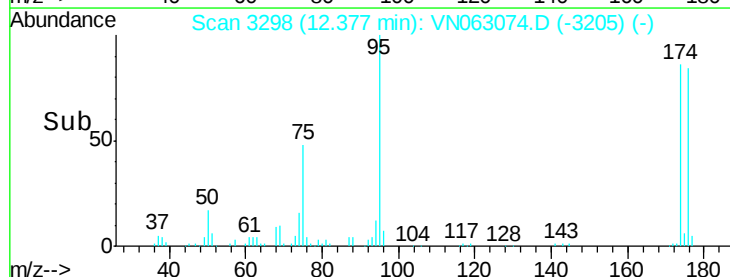
60000

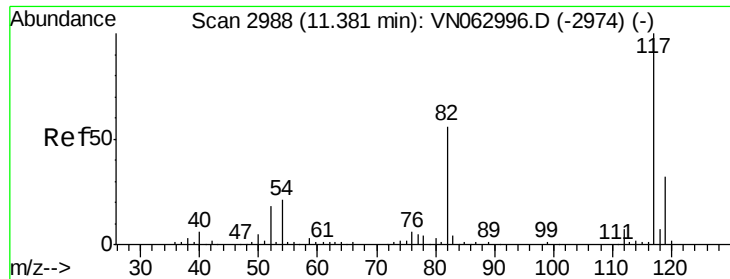
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20000

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Time-->

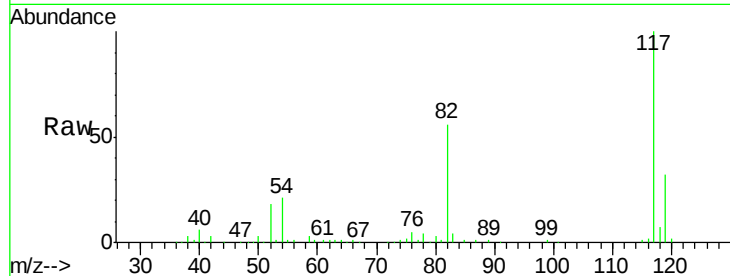




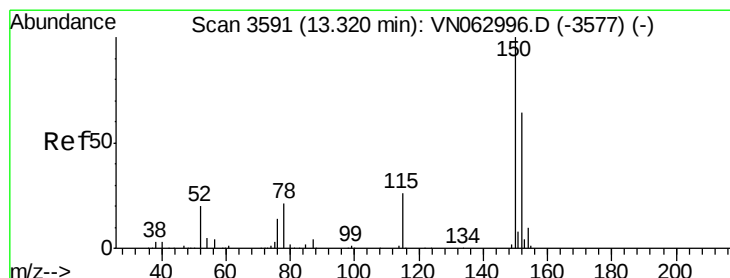
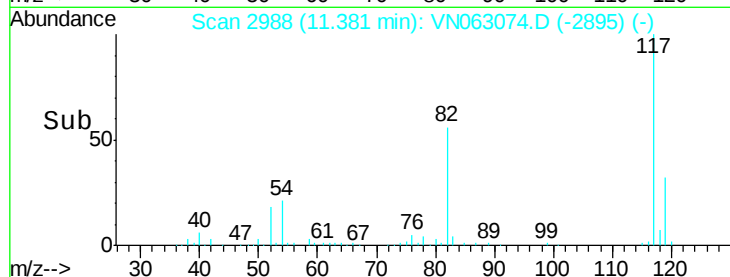
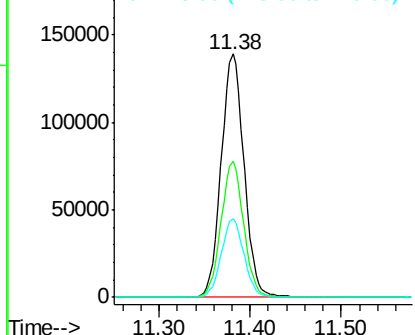
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063074.D
Acq: 21 Aug 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBL02

Tot Ion:117 Resp: 243332
Ion Ratio Lower Upper
117 100
82 55.7 44.5 66.7
119 32.1 25.5 38.3

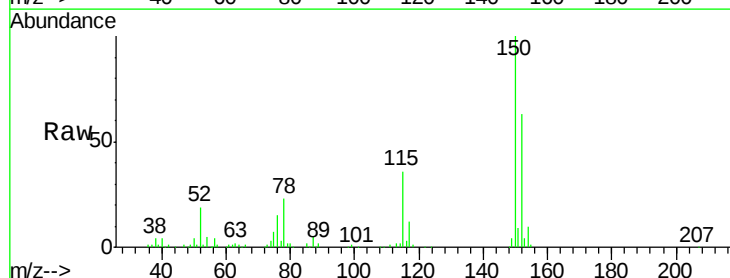


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063074.D
Acq: 21 Aug 2020 12:21

Tgt Ion:152 Resp: 85268
Ion Ratio Lower Upper
152 100
115 57.6 28.7 86.3
150 159.1 0.0 348.8



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

