

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064638.D
 Acq On : 13 Nov 2020 18:22
 Operator : JC/MD
 Sample : L4748-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Nov 17 03:13:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	462437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169416	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	225024	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
35) Dibromofluoromethane	7.55	113	167120	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.06	98	592659	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.38	95	217451	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	

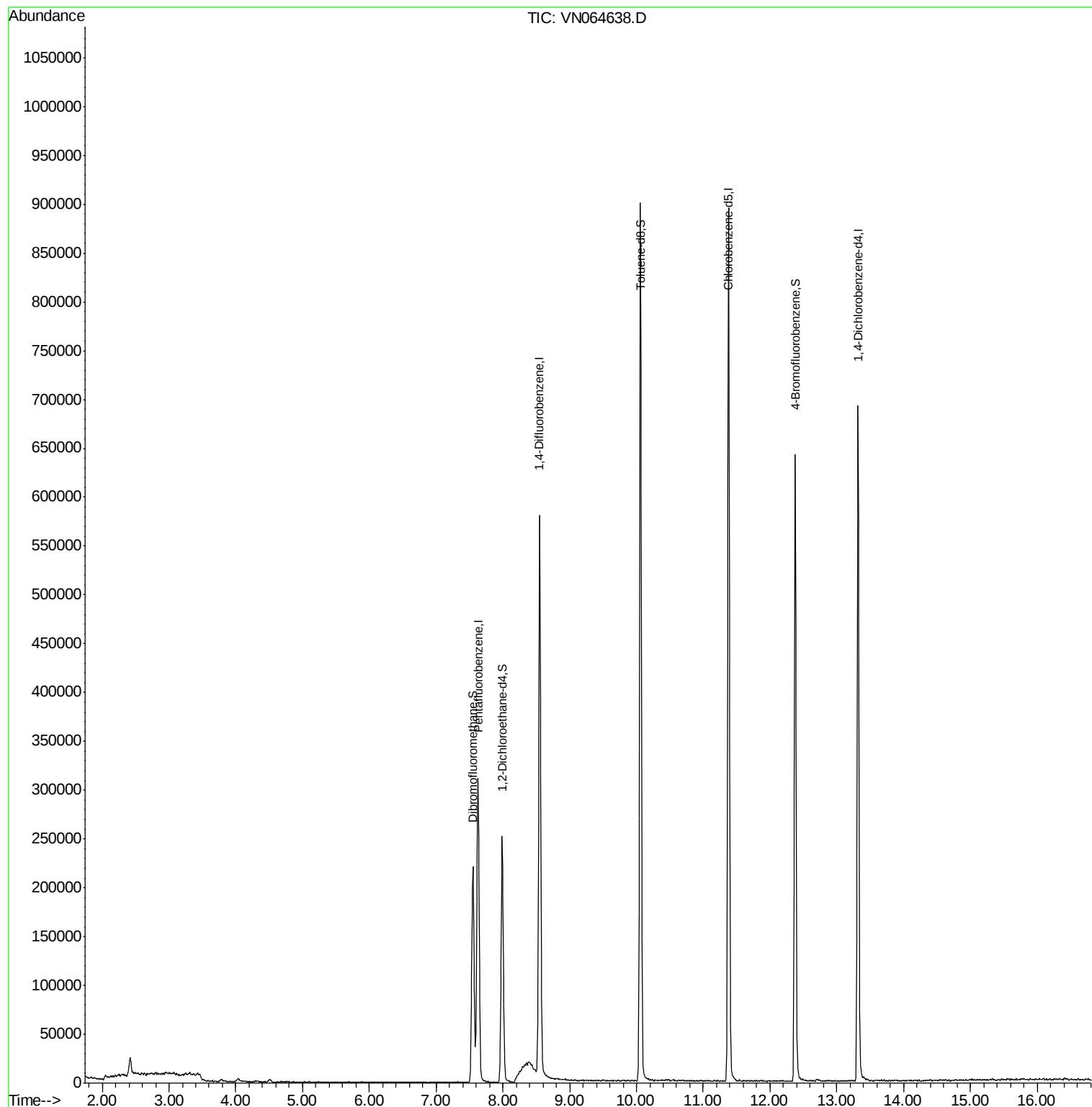
Target Compounds	Qvalue
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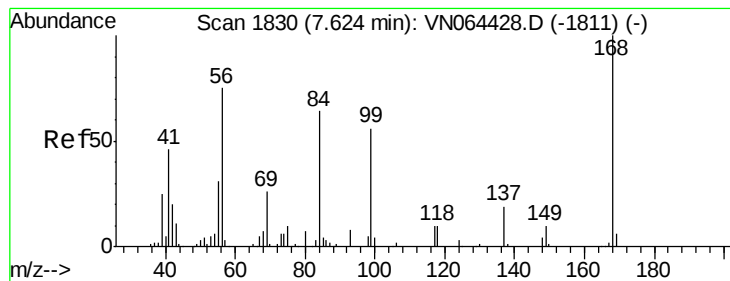
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064638.D

Acq: 13 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

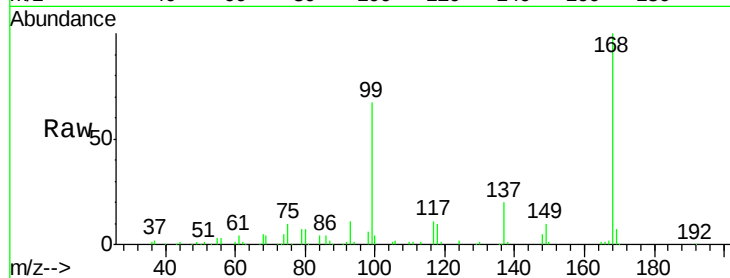
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 220475

Ion Ratio Lower Upper

168 100

99 67.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

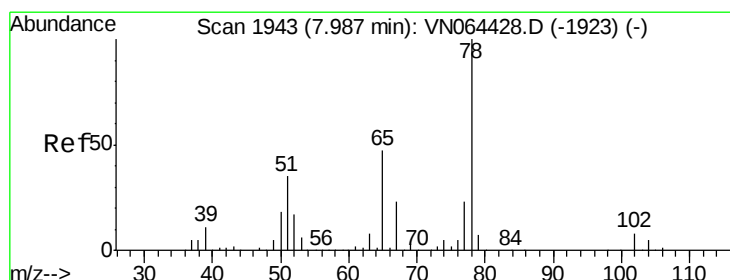
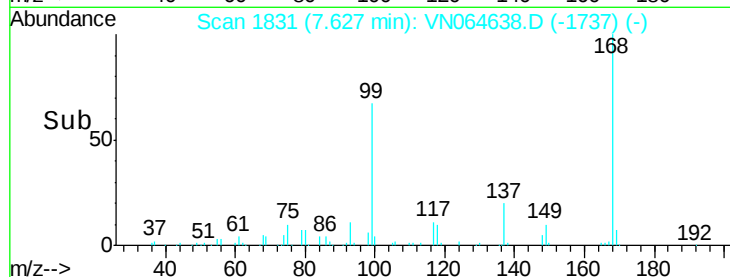
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 58.595 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064638.D

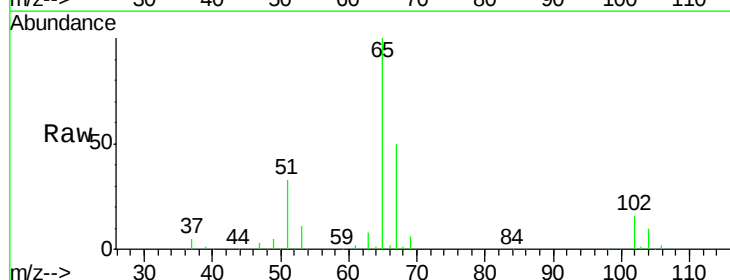
Acq: 13 Nov 2020 18:22

Tgt Ion: 65 Resp: 225024

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

100000

80000

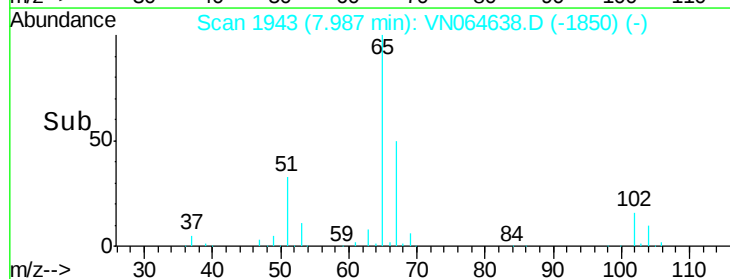
60000

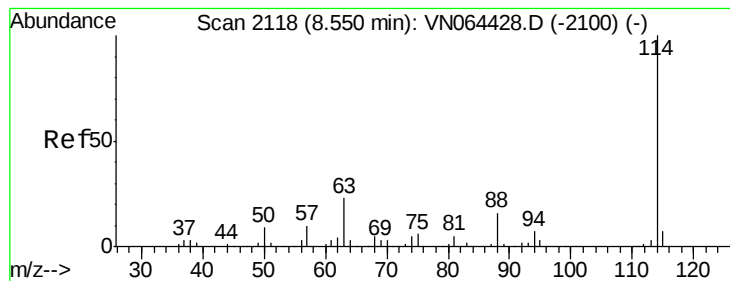
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 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: VN064638.D

Acq: 13 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

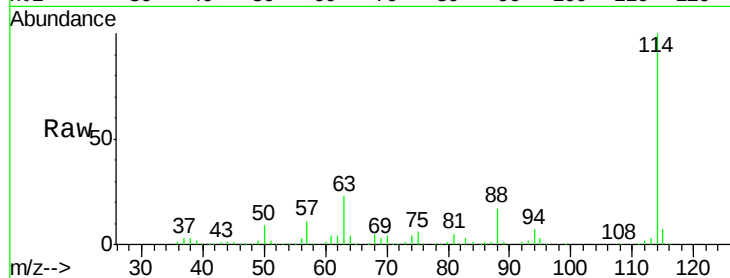
Tot Ion:114 Resp: 462437

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.6 0.0 32.8



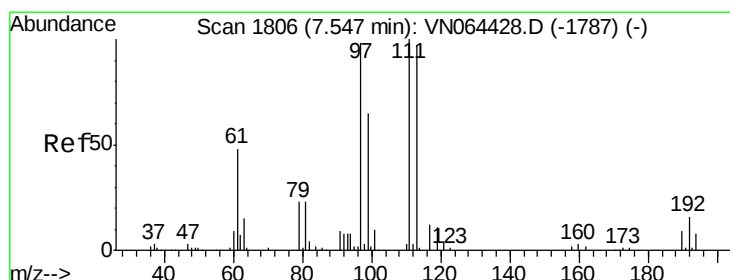
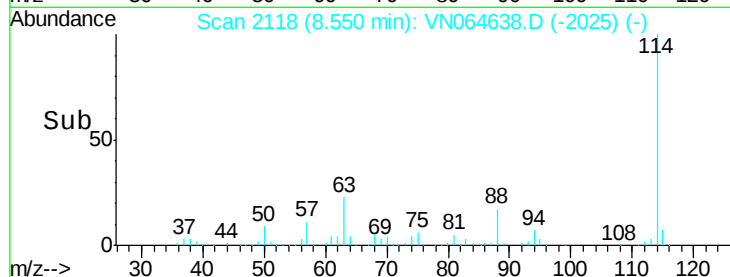
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.55

Time-->



#35

Dibromofluoromethane

Concen: 53.078 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN064638.D

Acq: 13 Nov 2020 18:22

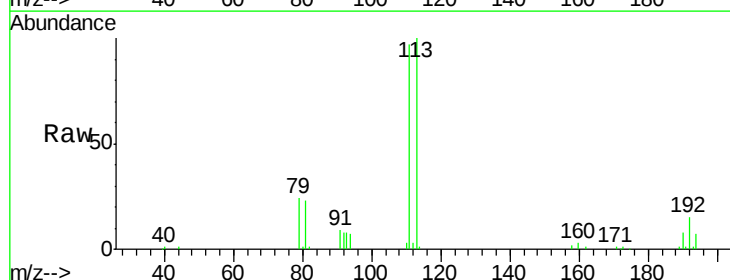
Tgt Ion:113 Resp: 167120

Ion Ratio Lower Upper

113 100

111 100.2 81.1 121.7

192 15.8 12.8 19.2



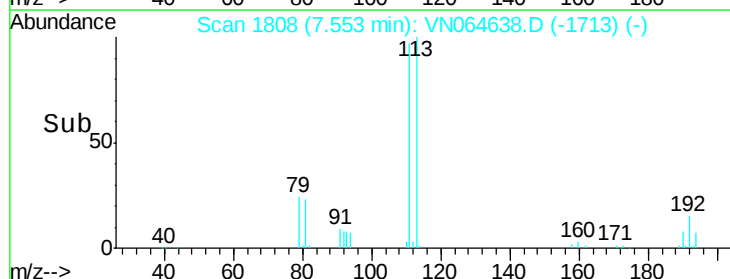
Abundance Ion 112.80 (112.50 to 113.50): V

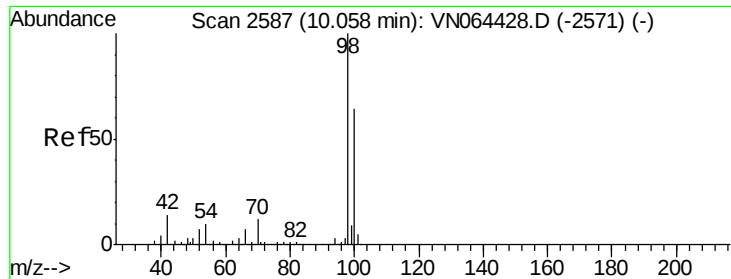
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.55

Time-->

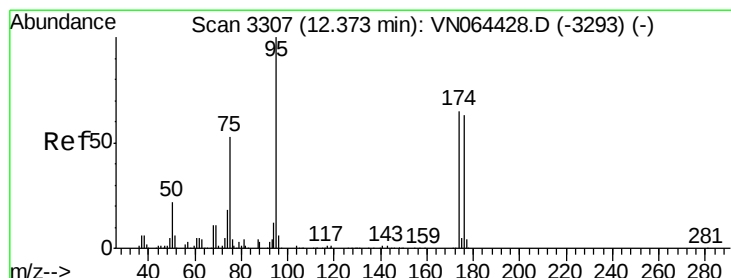
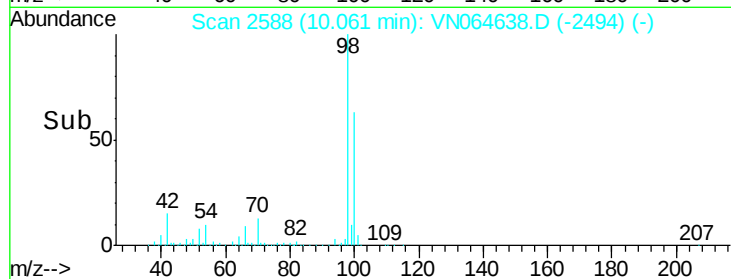
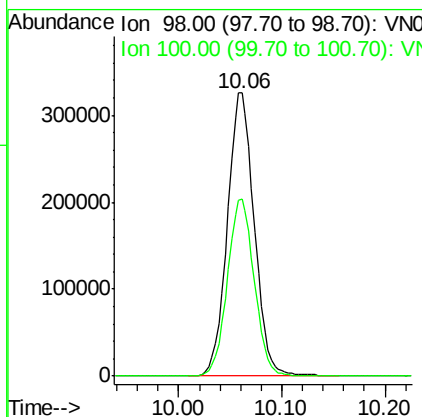
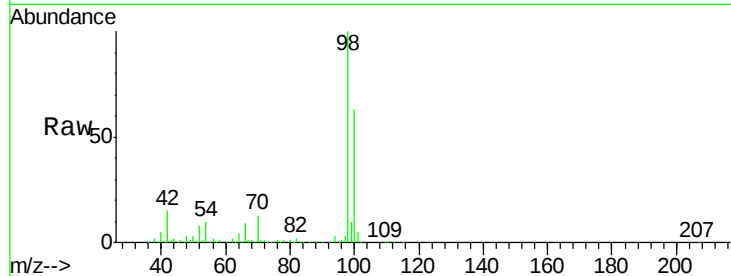




#50
Toluene-d8
Concen: 48.702 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064638.D
Acq: 13 Nov 2020 18:22

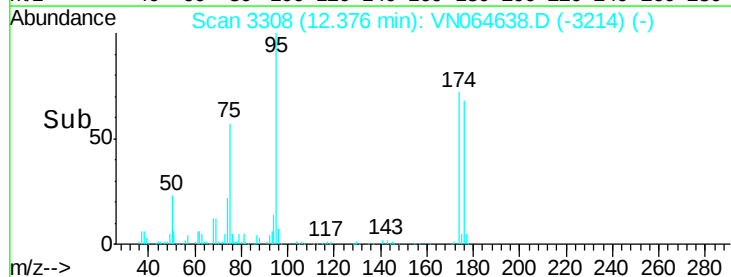
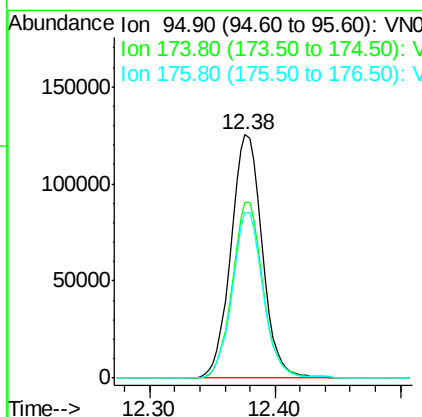
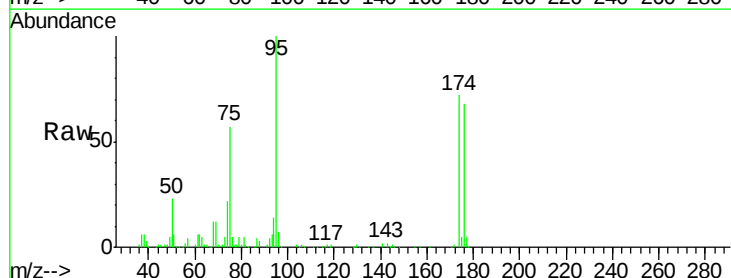
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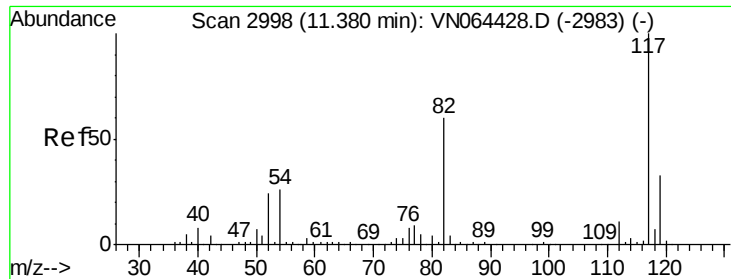
Tot Ion: 98 Resp: 592659
Ion Ratio Lower Upper
98 100
100 62.2 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 47.249 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064638.D
Acq: 13 Nov 2020 18:22

Tgt Ion: 95 Resp: 217451
Ion Ratio Lower Upper
95 100
174 71.0 0.0 132.6
176 67.4 0.0 129.2

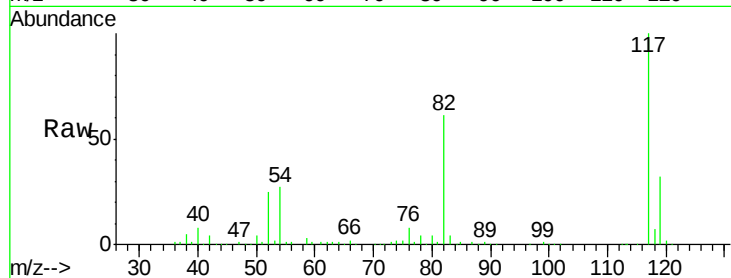




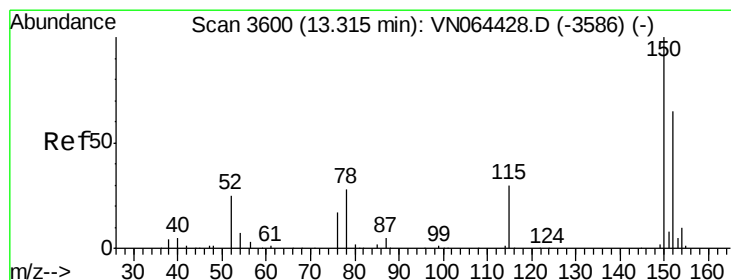
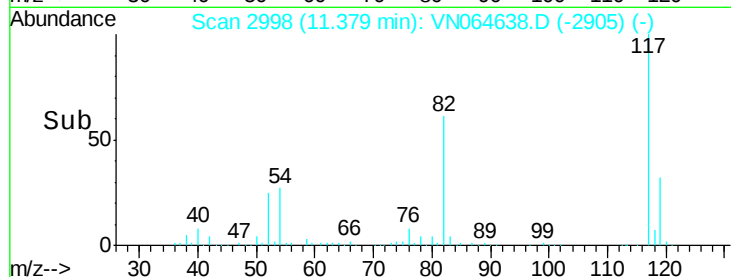
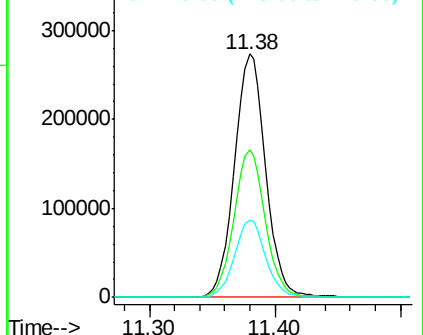
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064638.D
Acq: 13 Nov 2020 18:22

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 472409
Ion Ratio Lower Upper
117 100
82 60.6 48.1 72.1
119 31.9 26.2 39.4

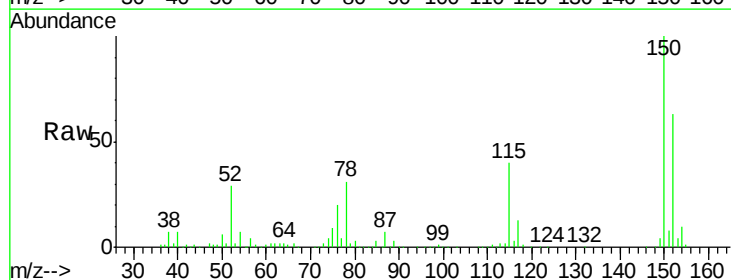


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064638.D
Acq: 13 Nov 2020 18:22

Tgt Ion:152 Resp: 169416
Ion Ratio Lower Upper
152 100
115 65.4 32.0 96.0
150 160.0 0.0 353.8



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

