

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064905.D
 Acq On : 3 Dec 2020 17:26
 Operator : JC/MD
 Sample : L4938-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IB1-TREATED-EFFLU

Quant Time: Dec 04 13:36:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	175943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	323582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142177	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106670	52.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	104.30%	
35) Dibromofluoromethane	7.55	113	96226	51.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	391498	51.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.37	95	152025	55.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	111.56%	

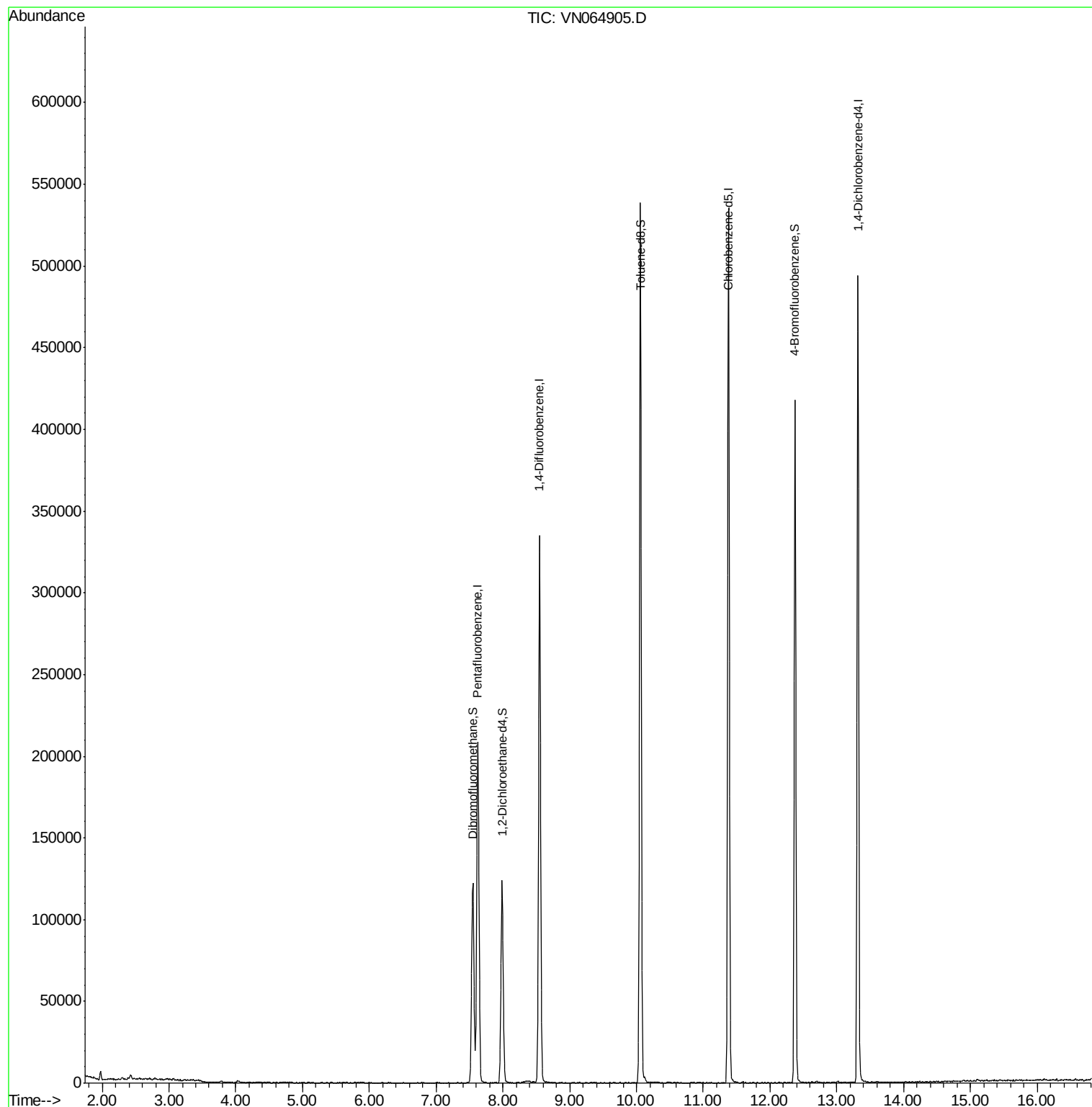
Target Compounds	Qvalue

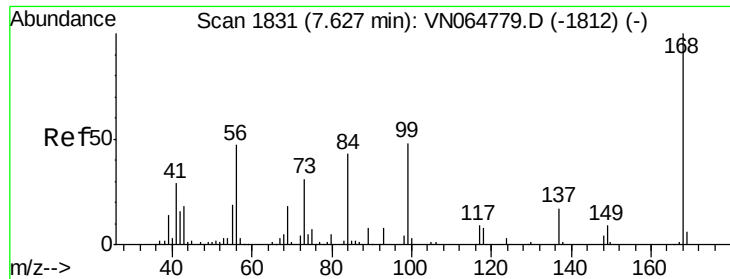
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064905.D

Acq: 3 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

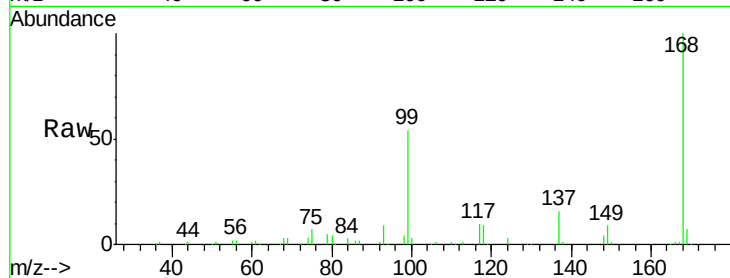
IB1-TREATED-EFFLU

Tot Ion:168 Resp: 175943

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

60000

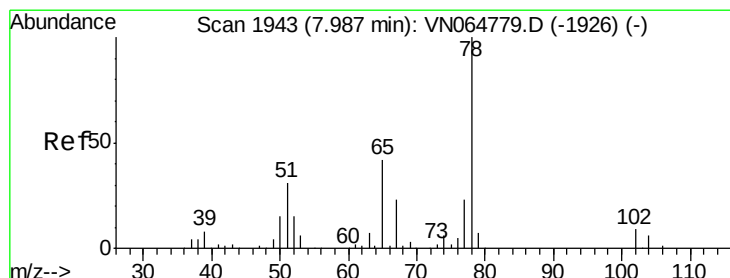
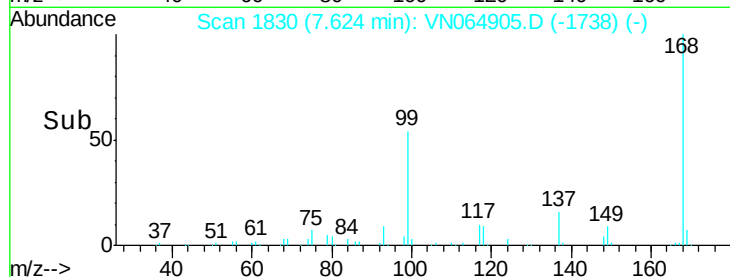
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.150 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064905.D

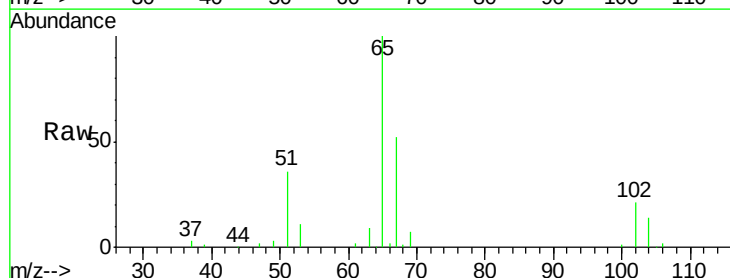
Acq: 3 Dec 2020 17:26

Tgt Ion: 65 Resp: 106670

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

30000

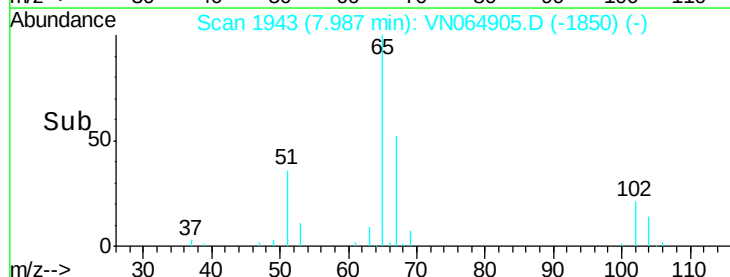
20000

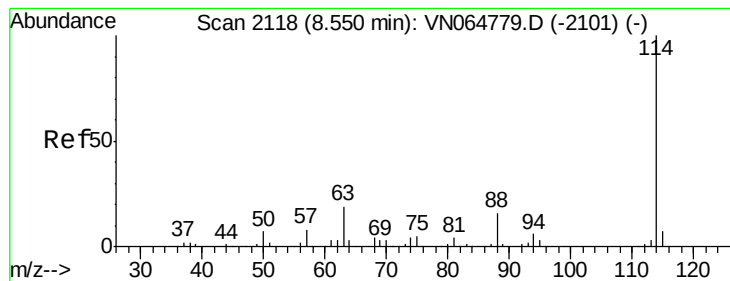
10000

0

Time-->

7.90 7.95 8.00 8.05





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064905.D

Acq: 3 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

IB1-TREATED-EFFLU

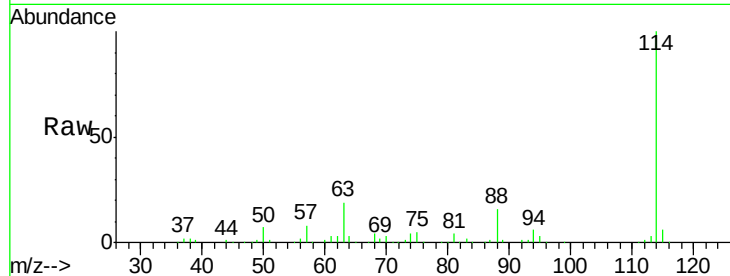
Tot Ion:114 Resp: 311505

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

88 15.5 0.0 32.6

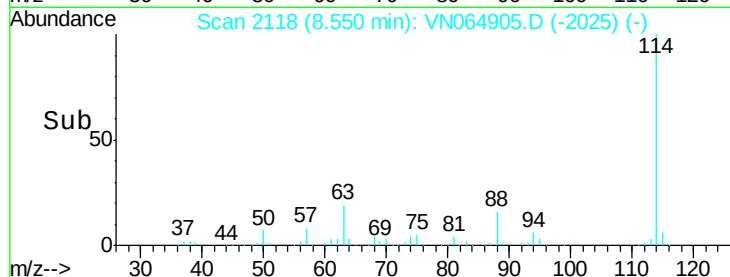


Abundance Ion 113.90 (113.60 to 114.60): V

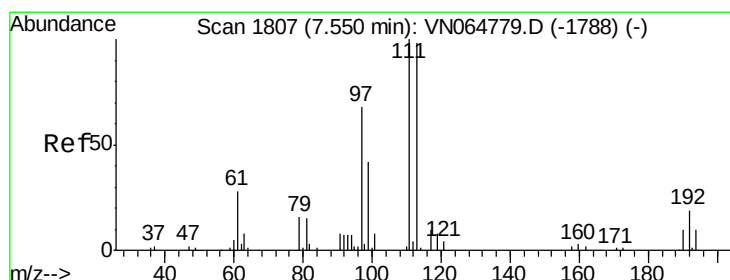
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 51.625 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064905.D

Acq: 3 Dec 2020 17:26

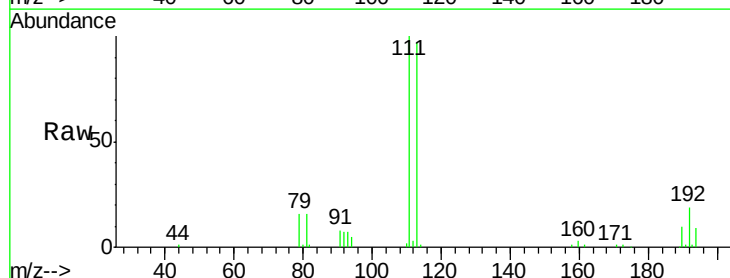
Tgt Ion:113 Resp: 96226

Ion Ratio Lower Upper

113 100

111 105.3 81.6 122.4

192 19.5 16.2 24.2

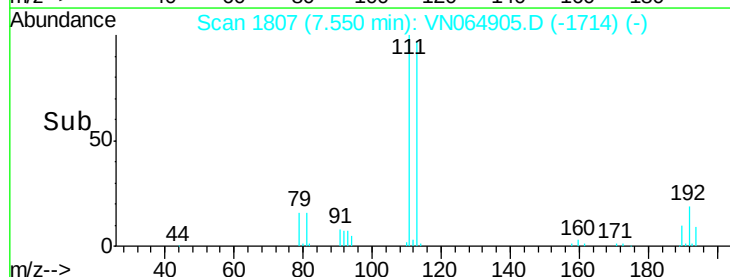


Abundance Ion 112.80 (112.50 to 113.50): V

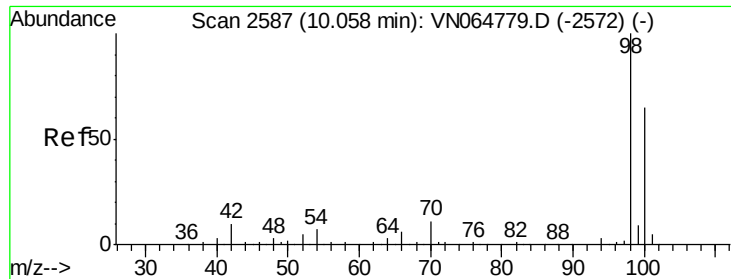
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



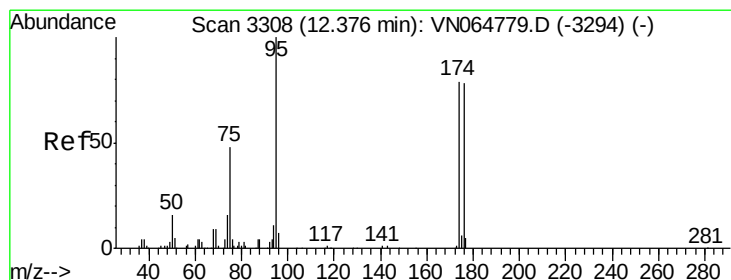
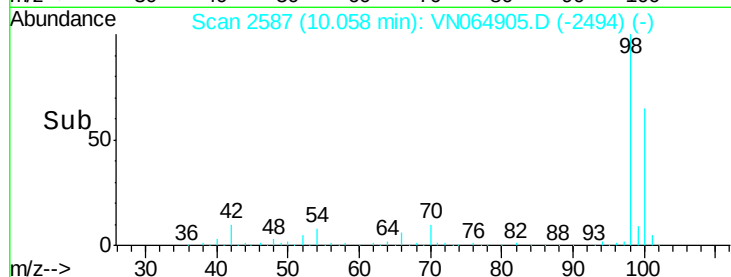
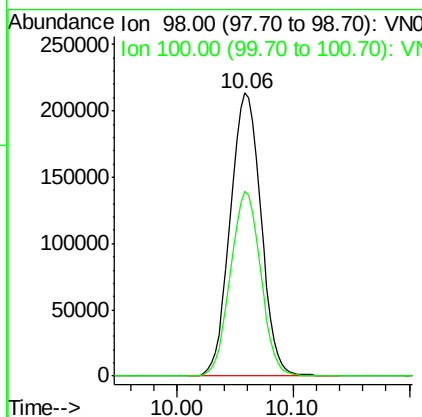
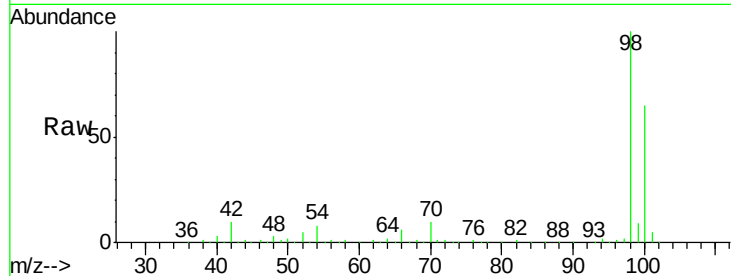
Time-->



#50
Toluene-d8
Concen: 51.405 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064905.D
Acq: 3 Dec 2020 17:26

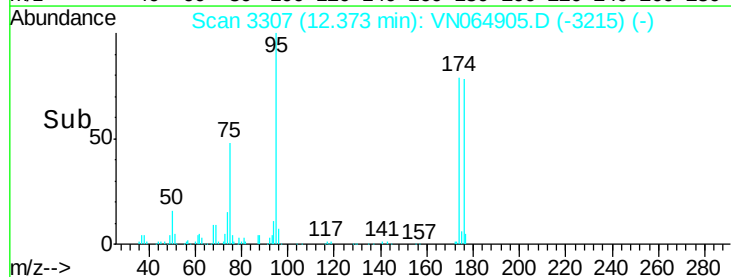
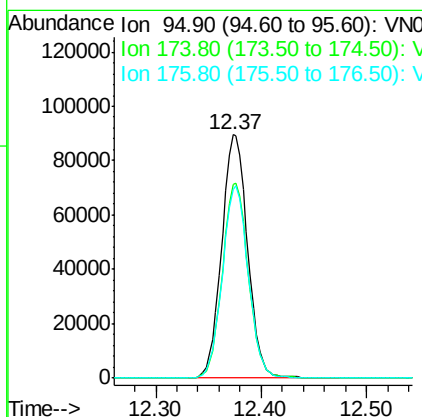
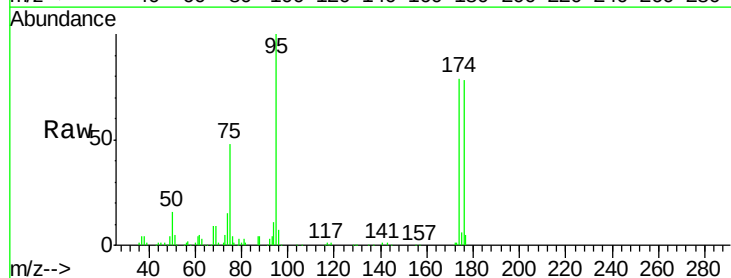
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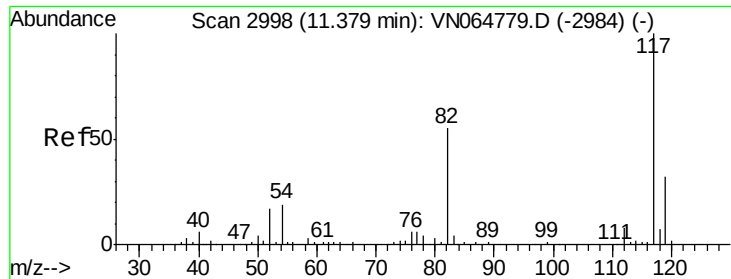
Tot Ion: 98 Resp: 391498
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 55.777 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064905.D
Acq: 3 Dec 2020 17:26

Tgt Ion: 95 Resp: 152025
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.4
176 78.8 0.0 158.4

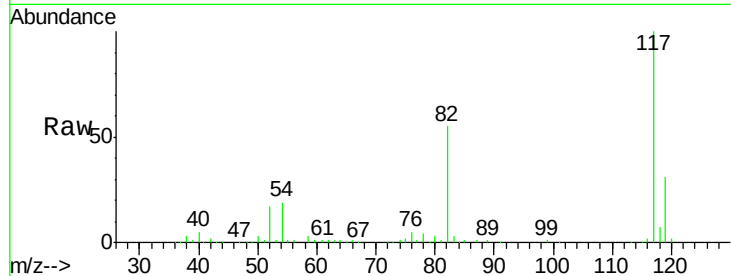




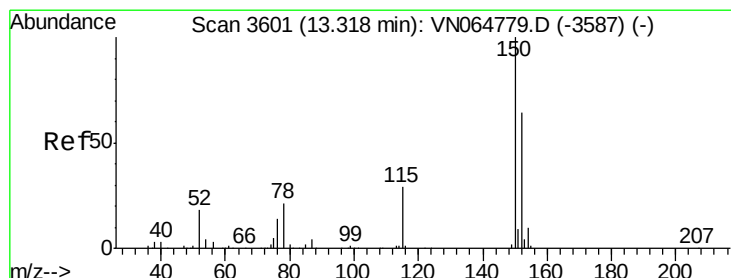
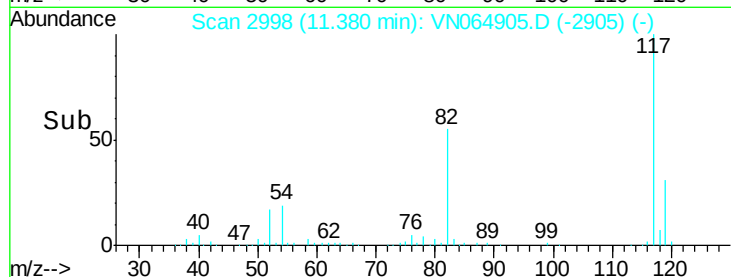
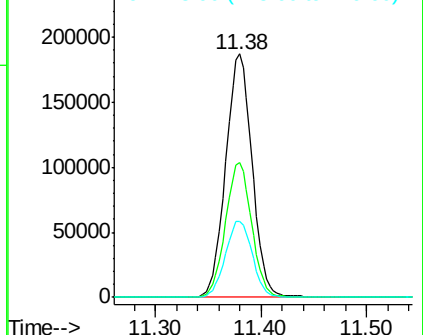
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064905.D
Acq: 3 Dec 2020 17:26

Instrument :
MSVOA_N
ClientSampleId :
IB1-TREATED-EFFLU

Tot Ion:117 Resp: 323582
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.3 25.8 38.6

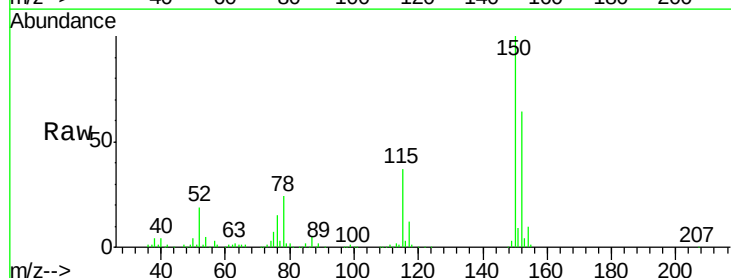


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064905.D
Acq: 3 Dec 2020 17:26

Tgt Ion:152 Resp: 142177
Ion Ratio Lower Upper
152 100
115 57.9 29.7 89.1
150 155.1 0.0 350.6



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

