

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064662.D
 Acq On : 16 Nov 2020 15:24
 Operator : JC/MD
 Sample : L4774-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Nov 17 04:44:11 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

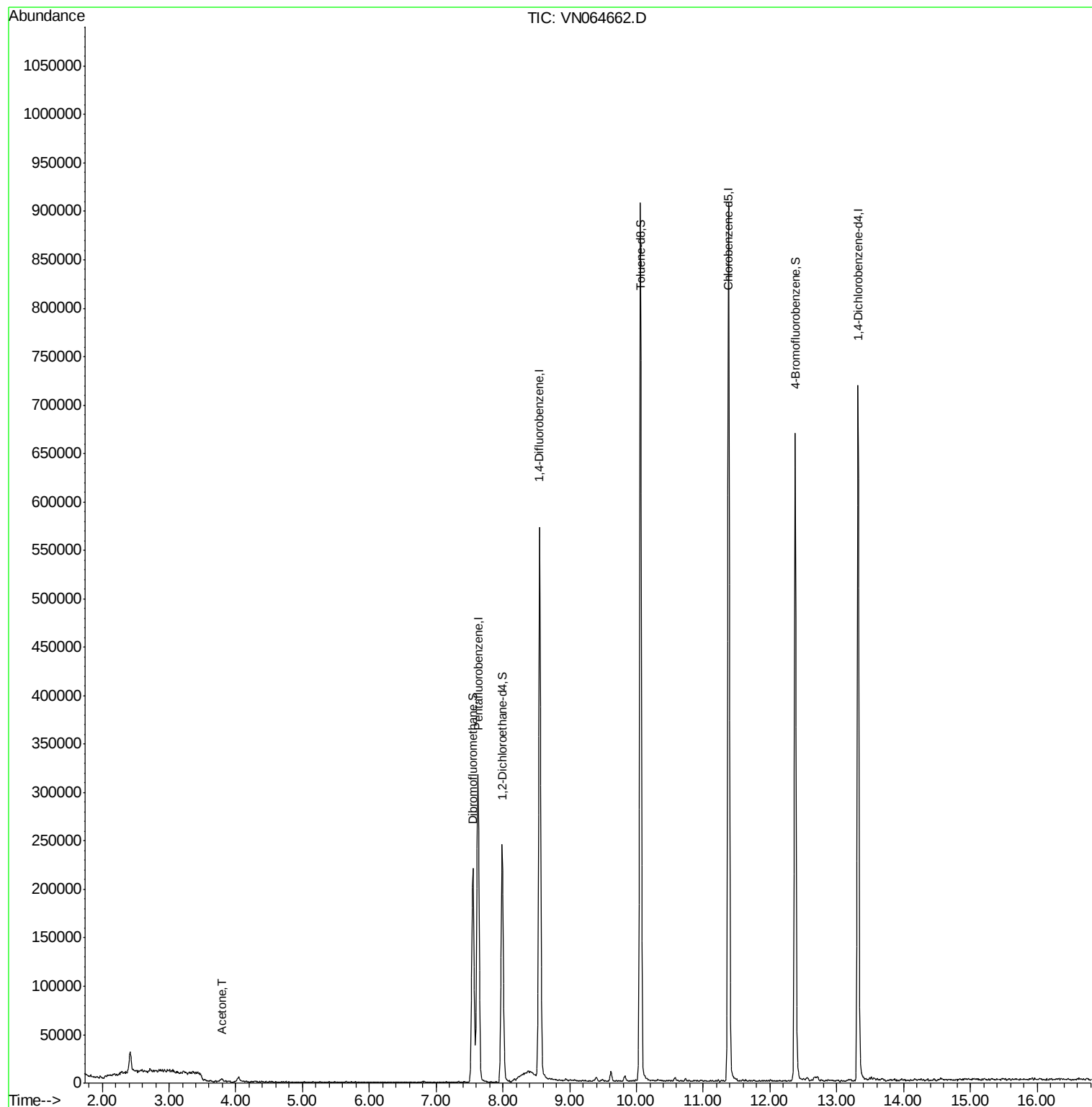
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	490583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	227733	57.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.56%	
35) Dibromofluoromethane	7.55	113	164995	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.06	98	601472	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.38	95	224838	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
Target Compounds						
16) Acetone	3.78	43	5655	3.767	ug/l	Qvalue 93

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

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QLast Update : Wed Nov 04 12:09:03 2020
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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: VN064662.D

Acq: 16 Nov 2020 15:24

Instrument :

MSVOA_N

ClientSampleId :

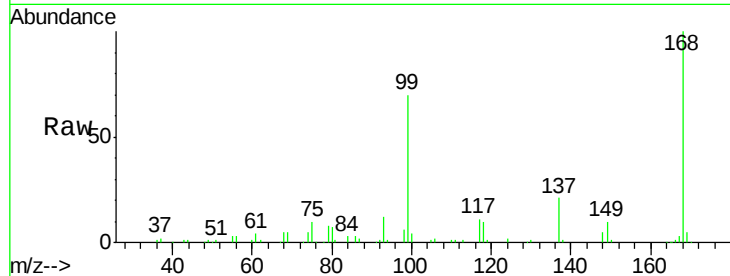
MW-2

Tot Ion:168 Resp: 226263

Ion Ratio Lower Upper

168 100

99 69.5 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

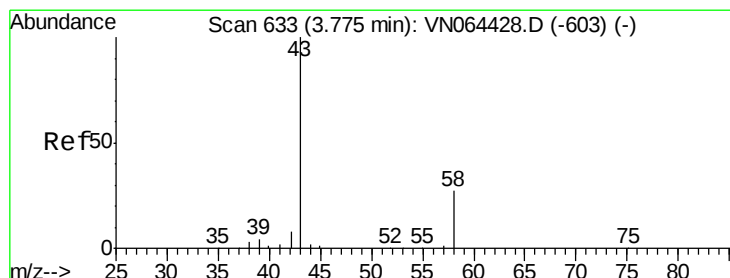
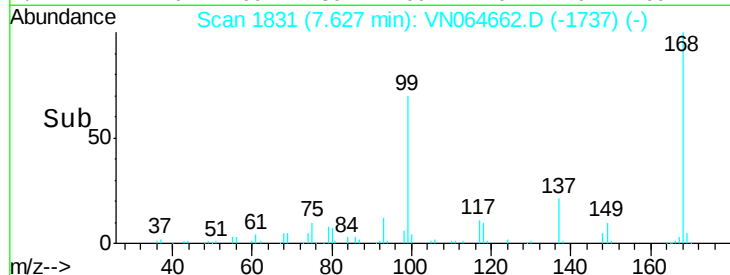
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.767 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064662.D

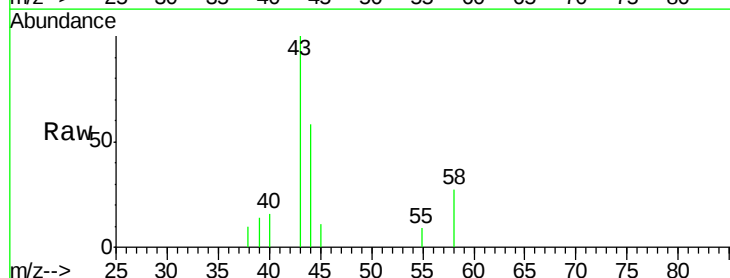
Acq: 16 Nov 2020 15:24

Tgt Ion: 43 Resp: 5655

Ion Ratio Lower Upper

43 100

58 30.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

2000

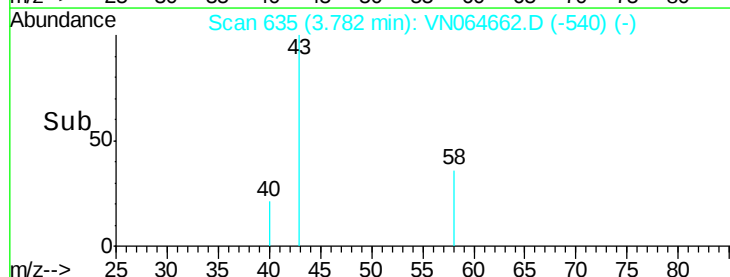
1500

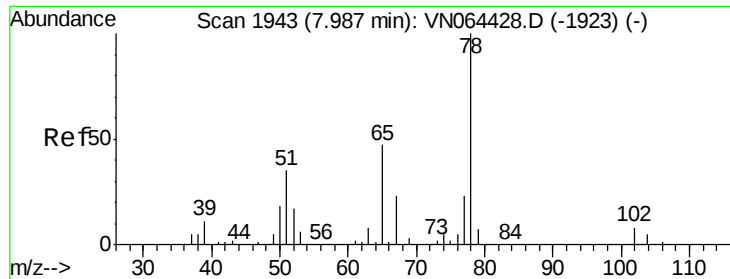
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.783 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064662.D

Acq: 16 Nov 2020 15:24

Instrument :

MSVOA_N

ClientSampleId :

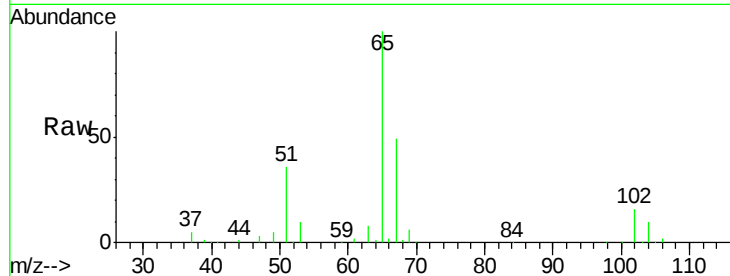
MW-2

Tot Ion: 65 Resp: 227733

Ion Ratio Lower Upper

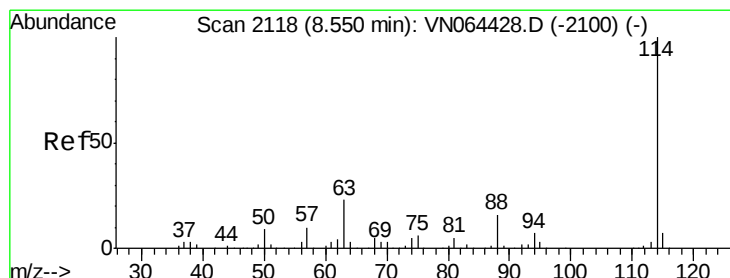
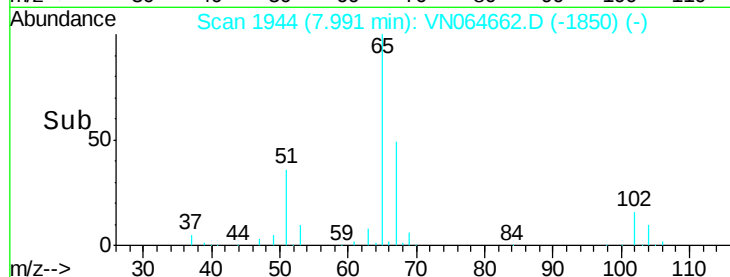
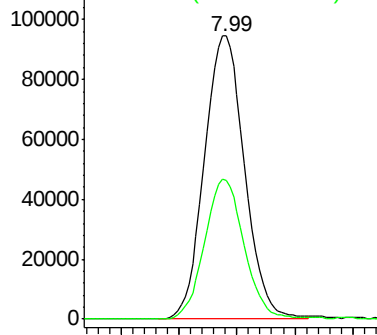
65 100

67 48.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064662.D

Acq: 16 Nov 2020 15:24

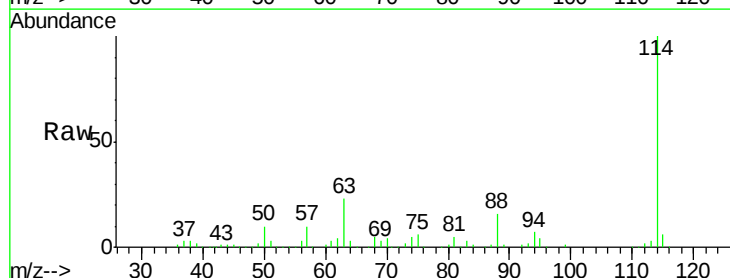
Tgt Ion: 114 Resp: 467621

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

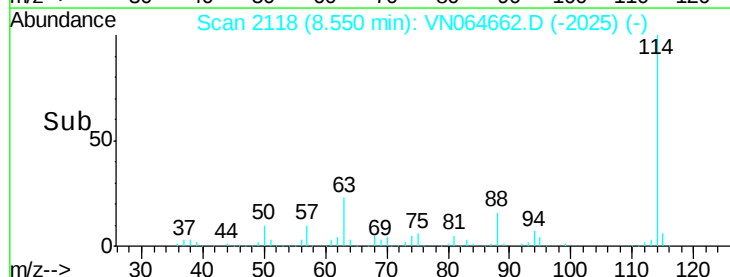
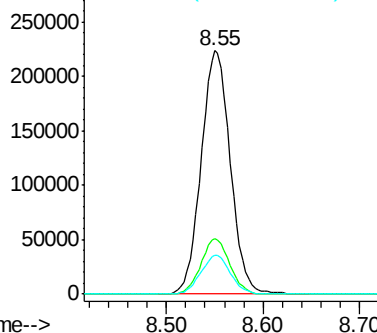
88 16.1 0.0 32.8

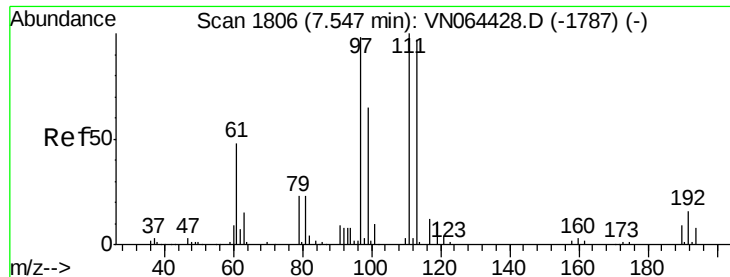


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

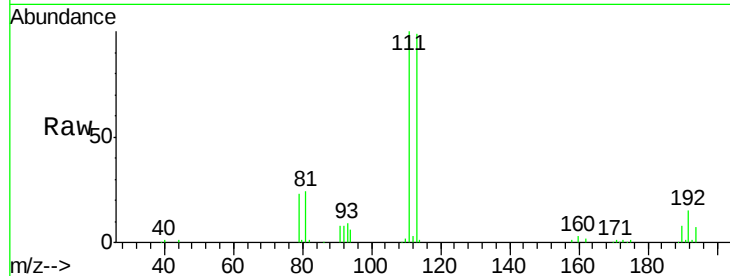




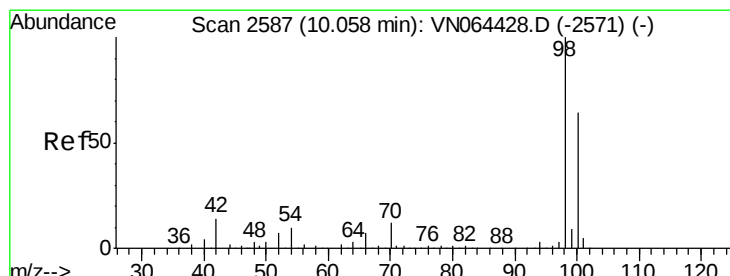
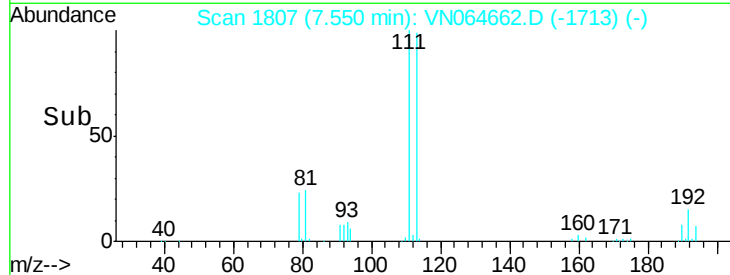
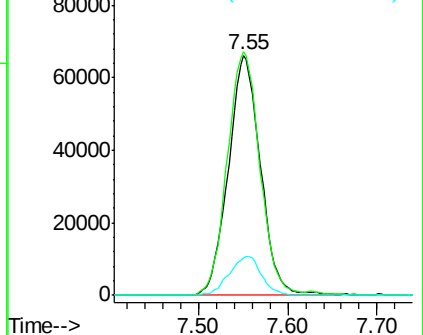
#35
 Dibromofluoromethane
 Concen: 51.822 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064662.D
 Acq: 16 Nov 2020 15:24

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion:113 Resp: 164995
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 16.4 12.8 19.2

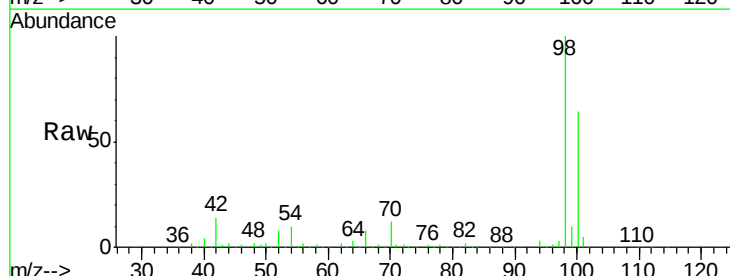


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

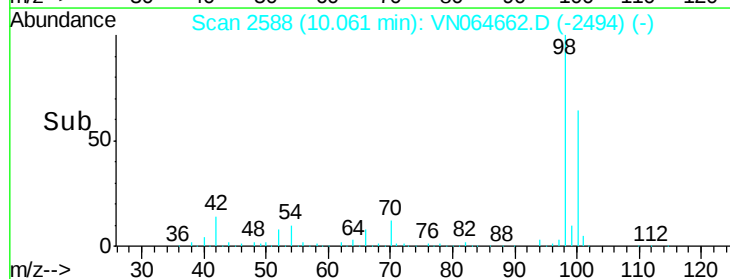
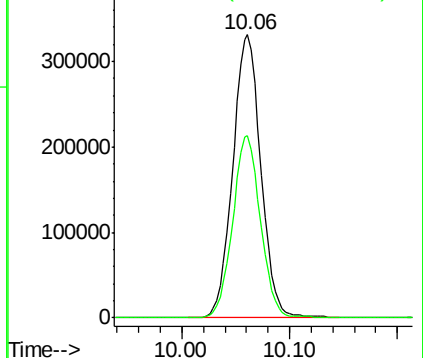


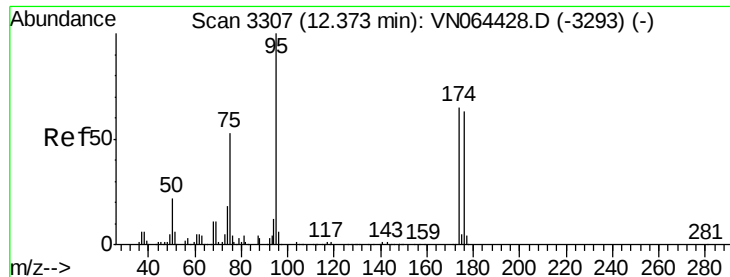
#50
 Toluene-d8
 Concen: 48.878 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064662.D
 Acq: 16 Nov 2020 15:24

Tgt Ion: 98 Resp: 601472
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 48.312 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064662.D

Acq: 16 Nov 2020 15:24

Instrument :

MSVOA_N

ClientSampleId :

MW-2

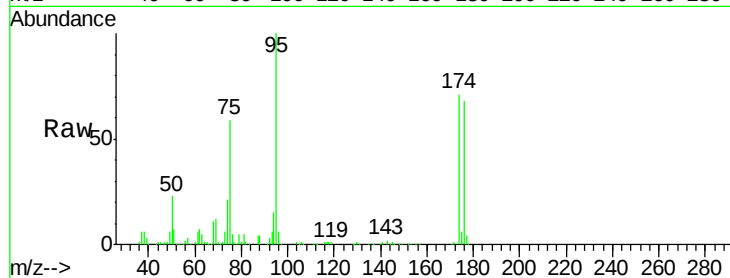
Tot Ion: 95 Resp: 224838

Ion Ratio Lower Upper

95 100

174 71.3 0.0 132.6

176 68.0 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

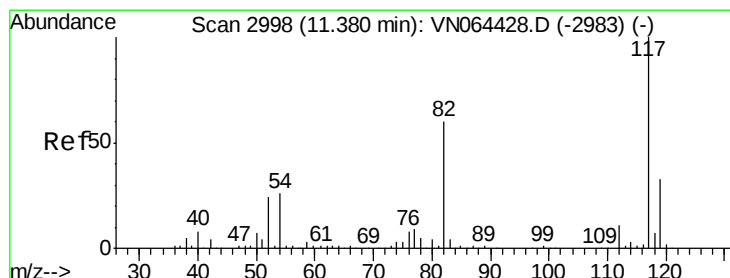
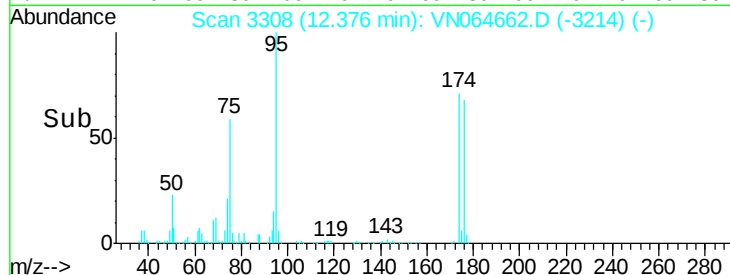
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064662.D

Acq: 16 Nov 2020 15:24

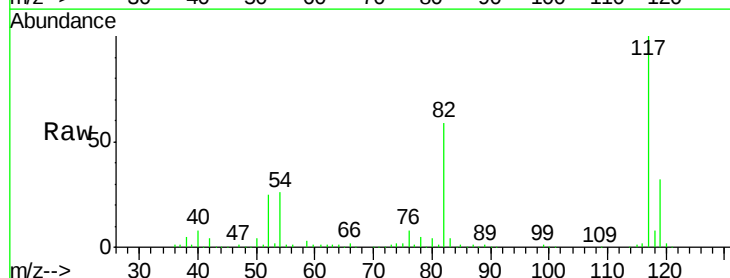
Tgt Ion: 117 Resp: 490583

Ion Ratio Lower Upper

117 100

82 58.8 48.1 72.1

119 31.7 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)

11.38

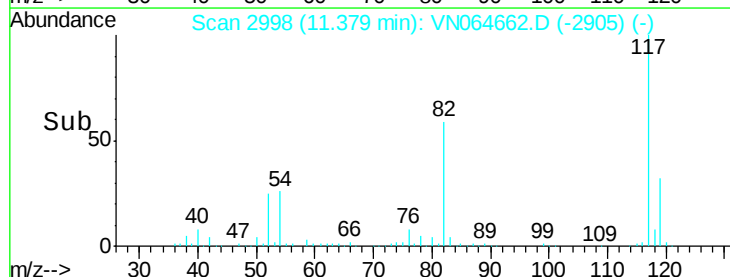
300000

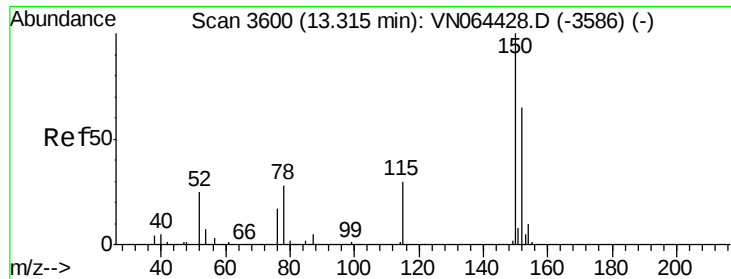
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064662.D

Acq: 16 Nov 2020 15:24

Instrument :

MSVOA_N

ClientSampleId :

MW-2

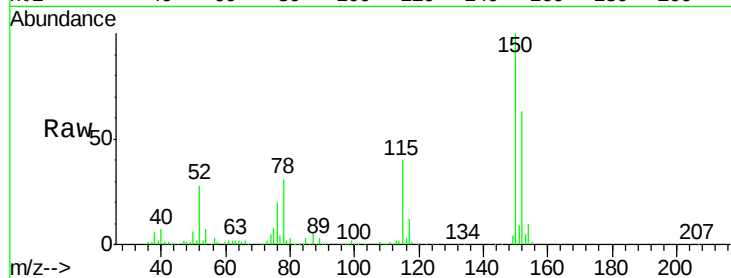
Tot Ion:152 Resp: 178582

Ion Ratio Lower Upper

152 100

115 64.4 32.0 96.0

150 159.3 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

