

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064728.D
 Acq On : 19 Nov 2020 13:13
 Operator : JC/MD
 Sample : L4783-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Quant Time: Nov 24 06:09:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

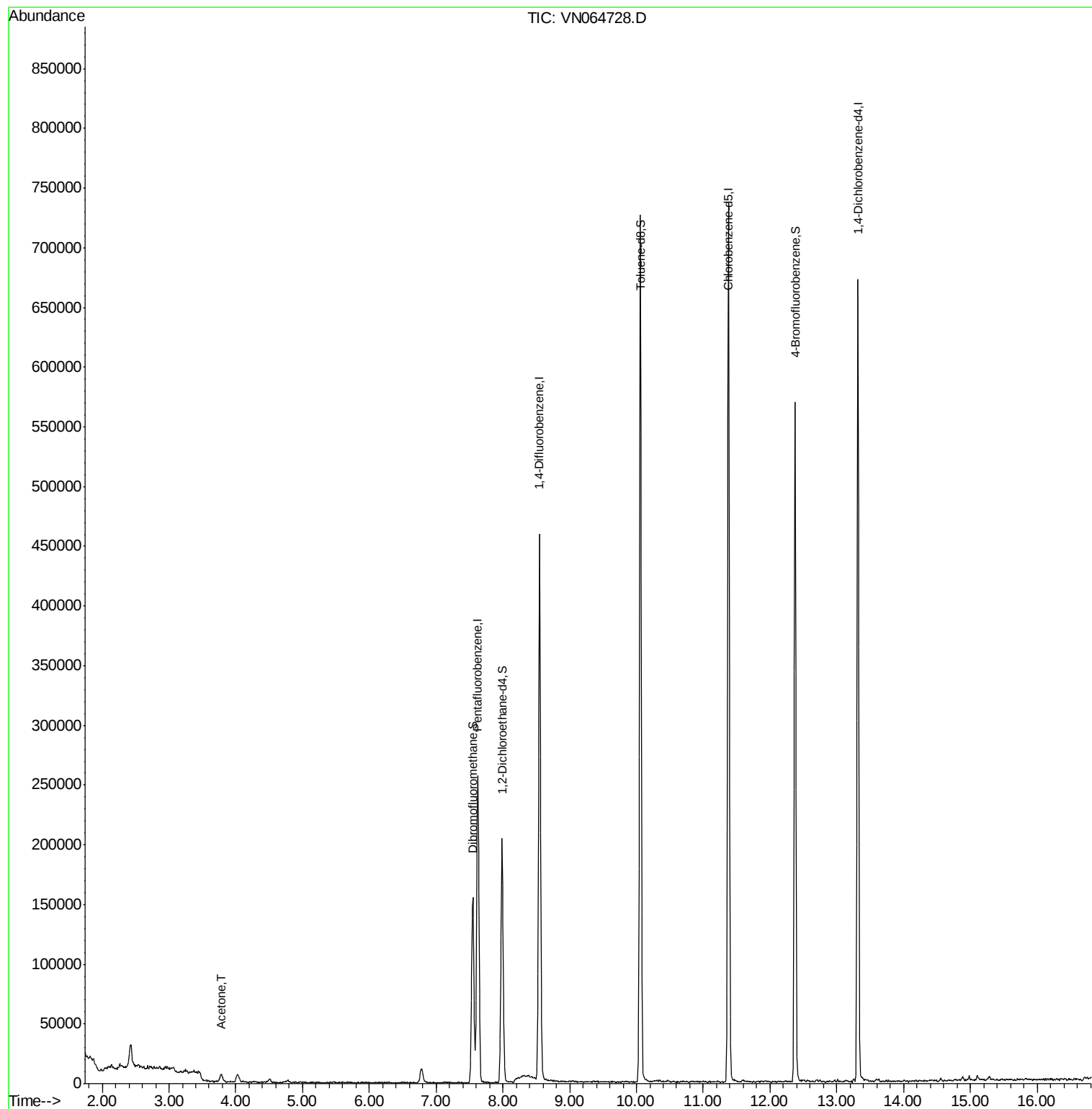
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	370072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182669	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
35) Dibromofluoromethane	7.55	113	113561	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
50) Toluene-d8	10.06	98	472869	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.38	95	190937	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
Target Compounds						
16) Acetone	3.78	43	10718	18.472	ug/l	Qvalue 93

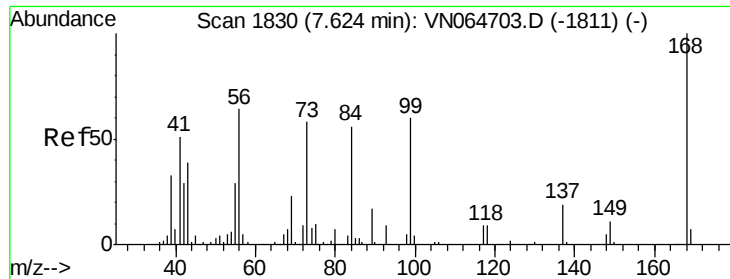
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064728.D

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Instrument :

MSVOA_N

ClientSampleId :

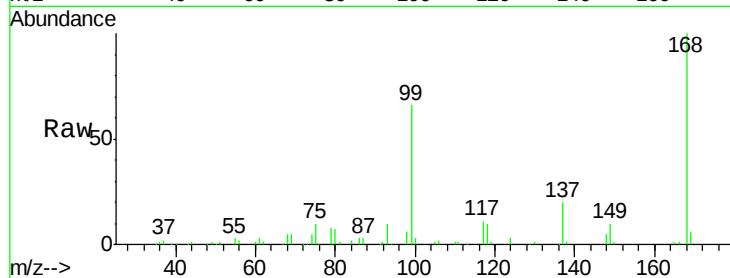
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Tot Ion:168 Resp: 184011

Ion Ratio Lower Upper

168 100

99 66.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

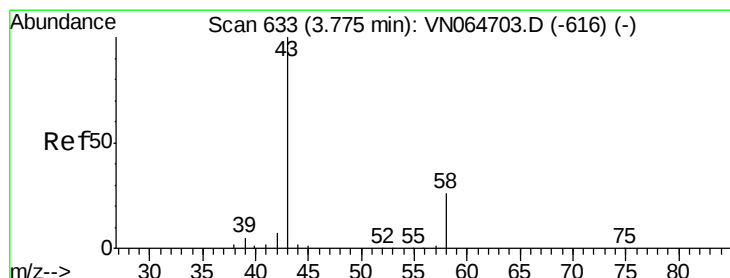
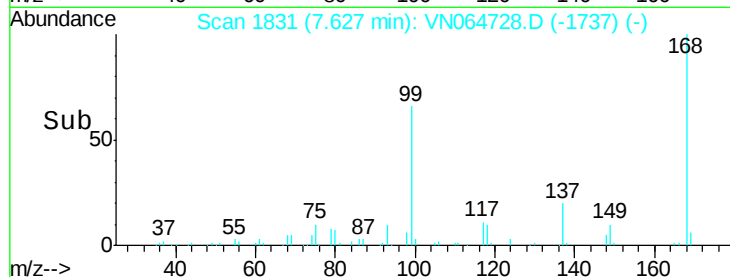
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 18.472 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064728.D

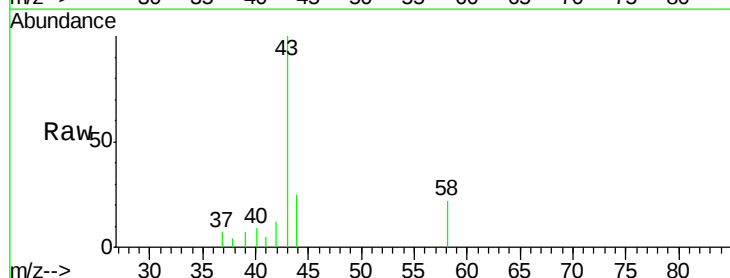
Acq: 19 Nov 2020 13:13

Tgt Ion: 43 Resp: 10718

Ion Ratio Lower Upper

43 100

58 23.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

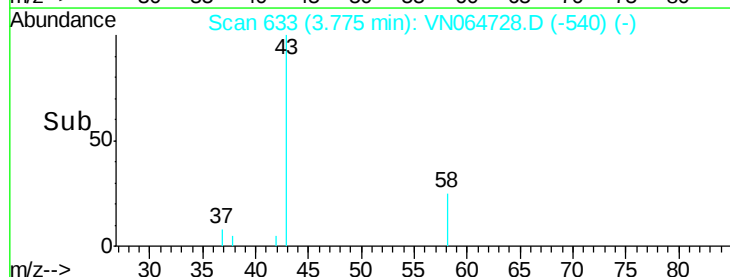
3000

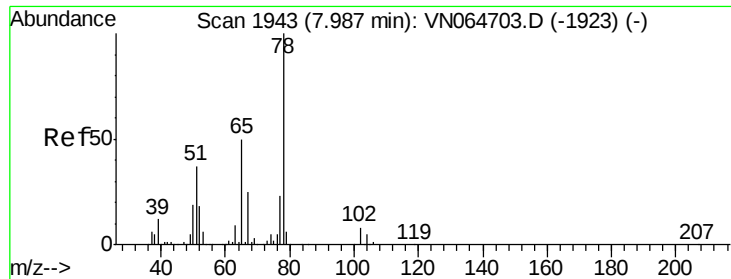
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 56.431 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064728.D

Acq: 19 Nov 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

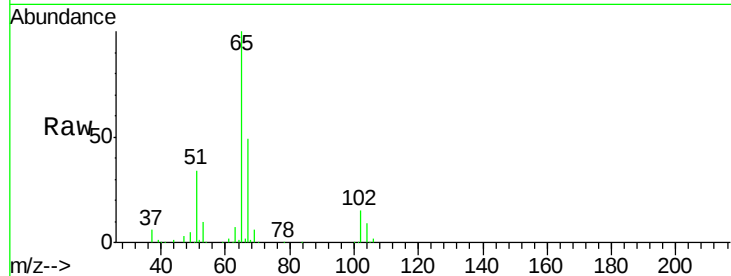
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Tot Ion: 65 Resp: 182669

Ion Ratio Lower Upper

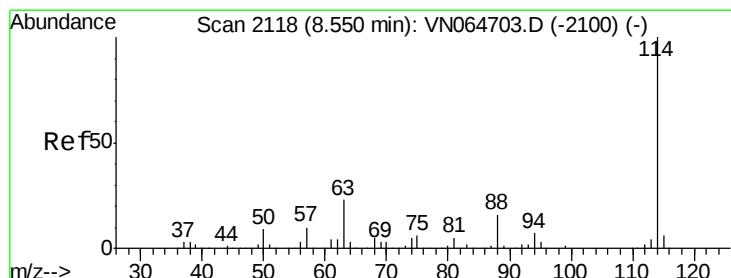
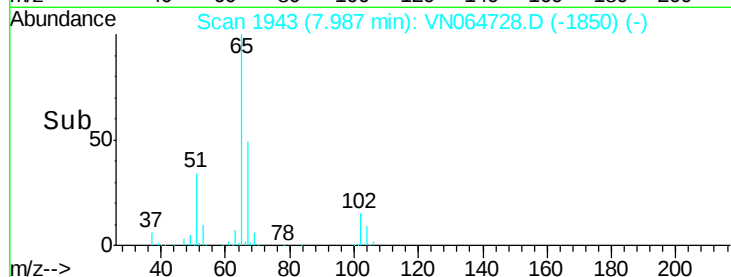
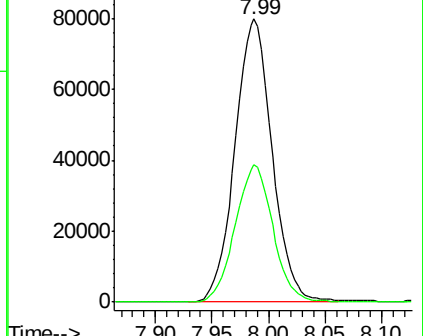
65 100

67 49.3 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN064728.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064728.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064728.D

Acq: 19 Nov 2020 13:13

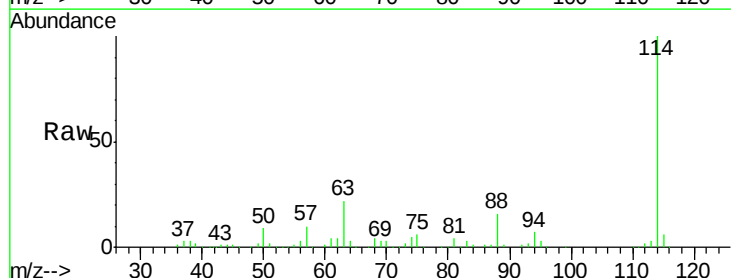
Tgt Ion: 114 Resp: 370072

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.0

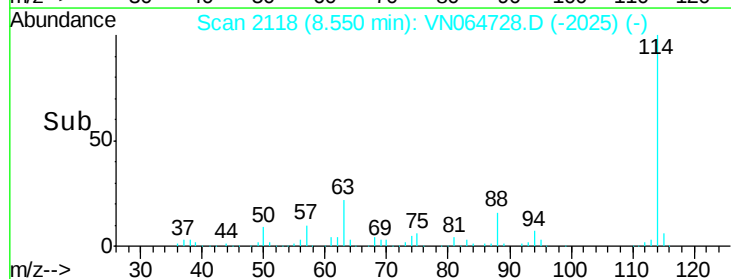
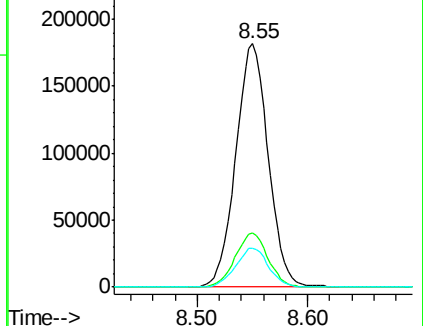
88 16.0 0.0 31.2

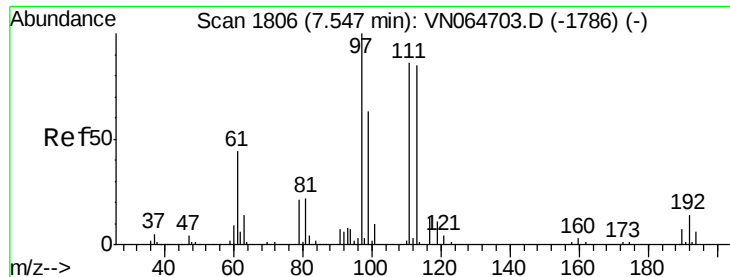


Abundance Ion 113.90 (113.60 to 114.60): VN064728.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064728.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064728.D (-2025) (-)

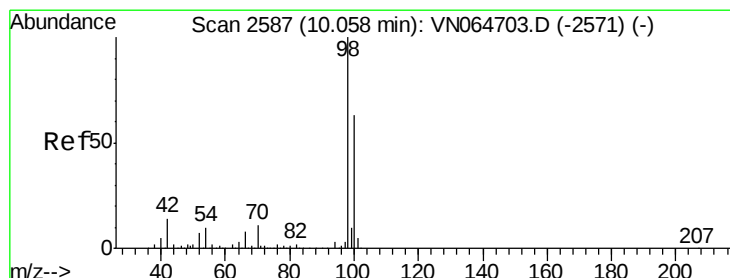
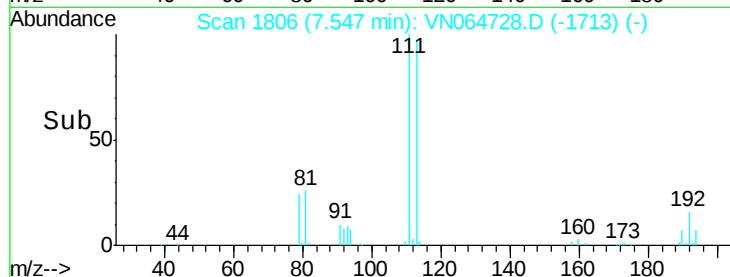
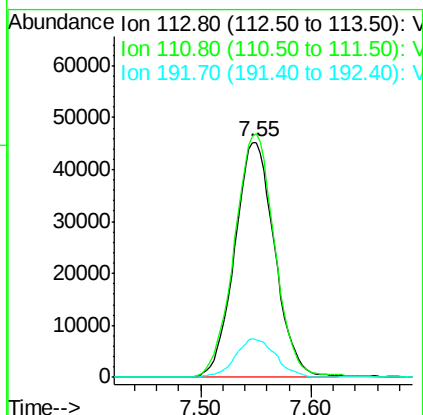
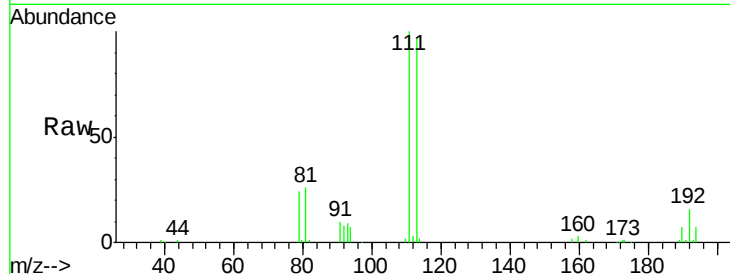




#35
Dibromofluoromethane
Concen: 53.914 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN064728.D
Acq: 19 Nov 2020 13:13

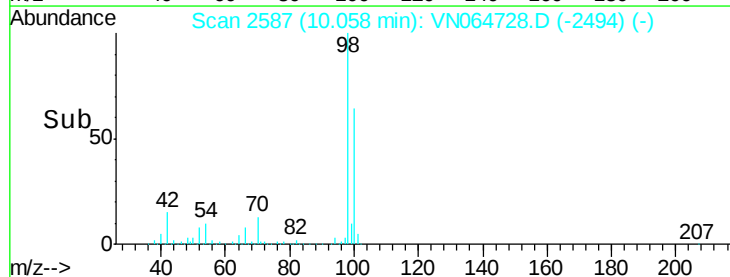
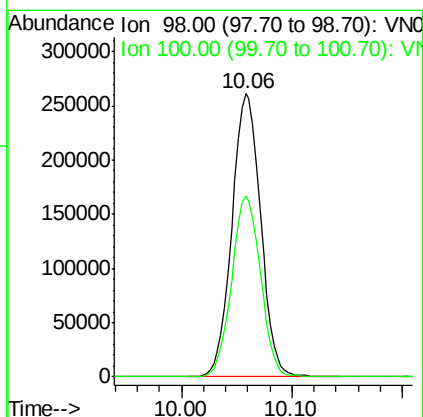
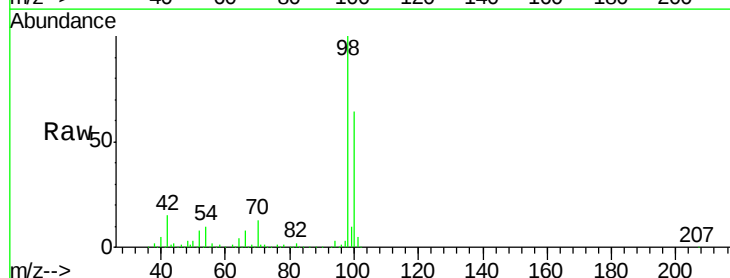
Instrument :
MSVOA_N
ClientSampleId :
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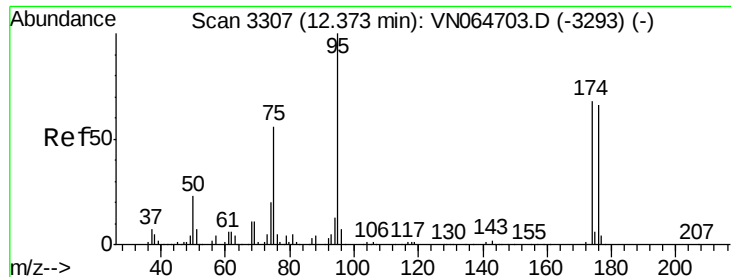
Tot Ion:113 Resp: 113561
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.5 12.7 19.1



#50
Toluene-d8
Concen: 49.396 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064728.D
Acq: 19 Nov 2020 13:13

Tgt Ion: 98 Resp: 472869
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 53.361 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064728.D

Acq: 19 Nov 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

FIELD-BLANK

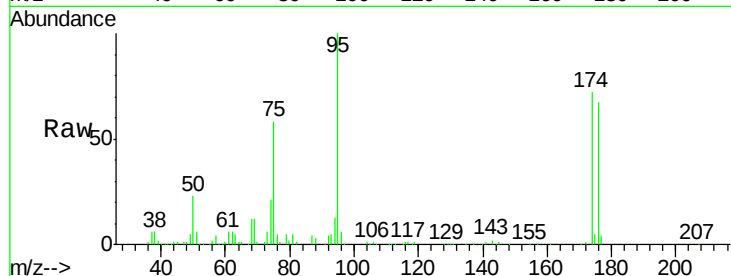
Tot Ion: 95 Resp: 190937

Ion Ratio Lower Upper

95 100

174 69.5 0.0 136.8

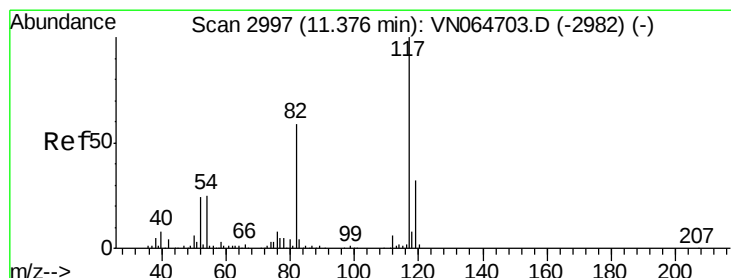
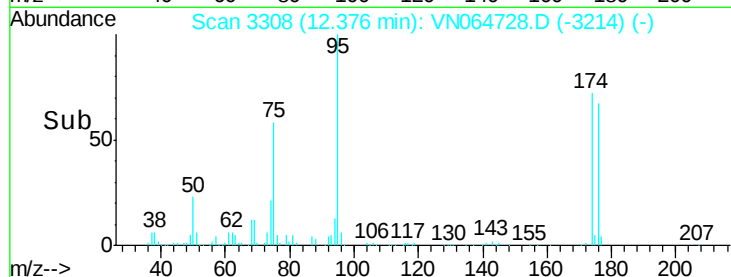
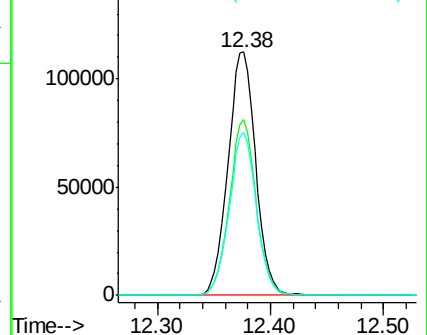
176 65.6 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064703.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064703.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064703.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064728.D

Acq: 19 Nov 2020 13:13

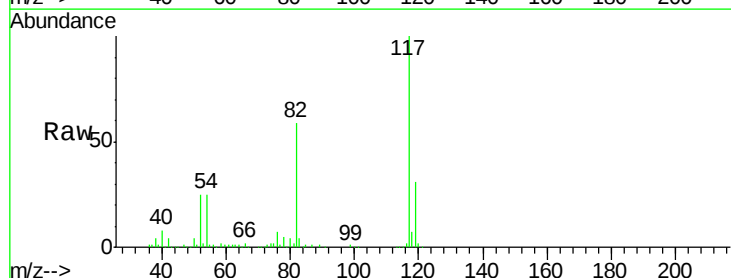
Tgt Ion: 117 Resp: 389310

Ion Ratio Lower Upper

117 100

82 58.7 47.0 70.6

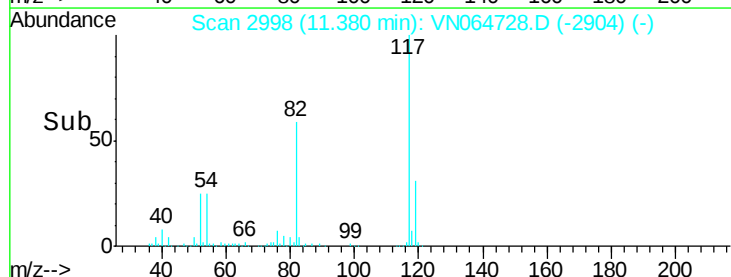
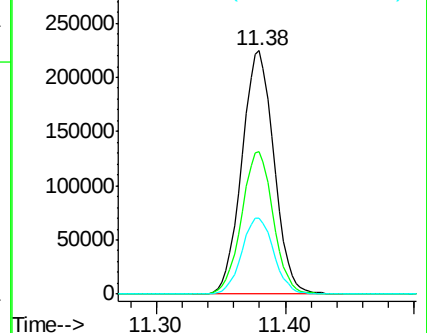
119 31.0 25.4 38.2

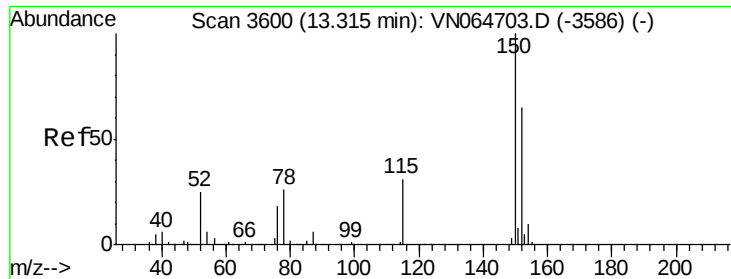


Abundance Ion 116.90 (116.60 to 117.60): VN064703.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN064703.D (-2982) (-)

Ion 118.90 (118.60 to 119.60): VN064703.D (-2982) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064728.D

Acq: 19 Nov 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

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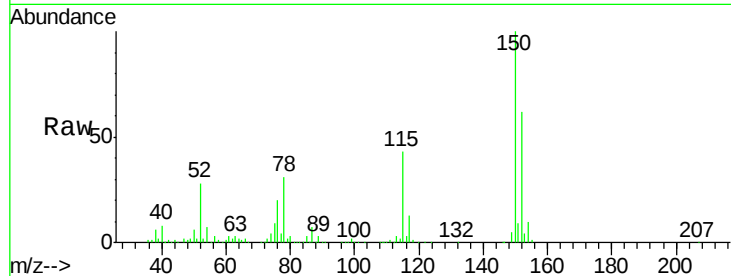
Tot Ion:152 Resp: 156872

Ion Ratio Lower Upper

152 100

115 66.3 32.1 96.3

150 159.4 0.0 344.8



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

