

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064624.D
 Acq On : 13 Nov 2020 11:37
 Operator : JC/MD
 Sample : VN1113WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBL01

Quant Time: Nov 17 02:27:01 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	7.62	168	236852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	512261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	514133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	240705	58.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.68%	
35) Dibromofluoromethane	7.55	113	178892	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.06	98	632916	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	12.38	95	228727	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

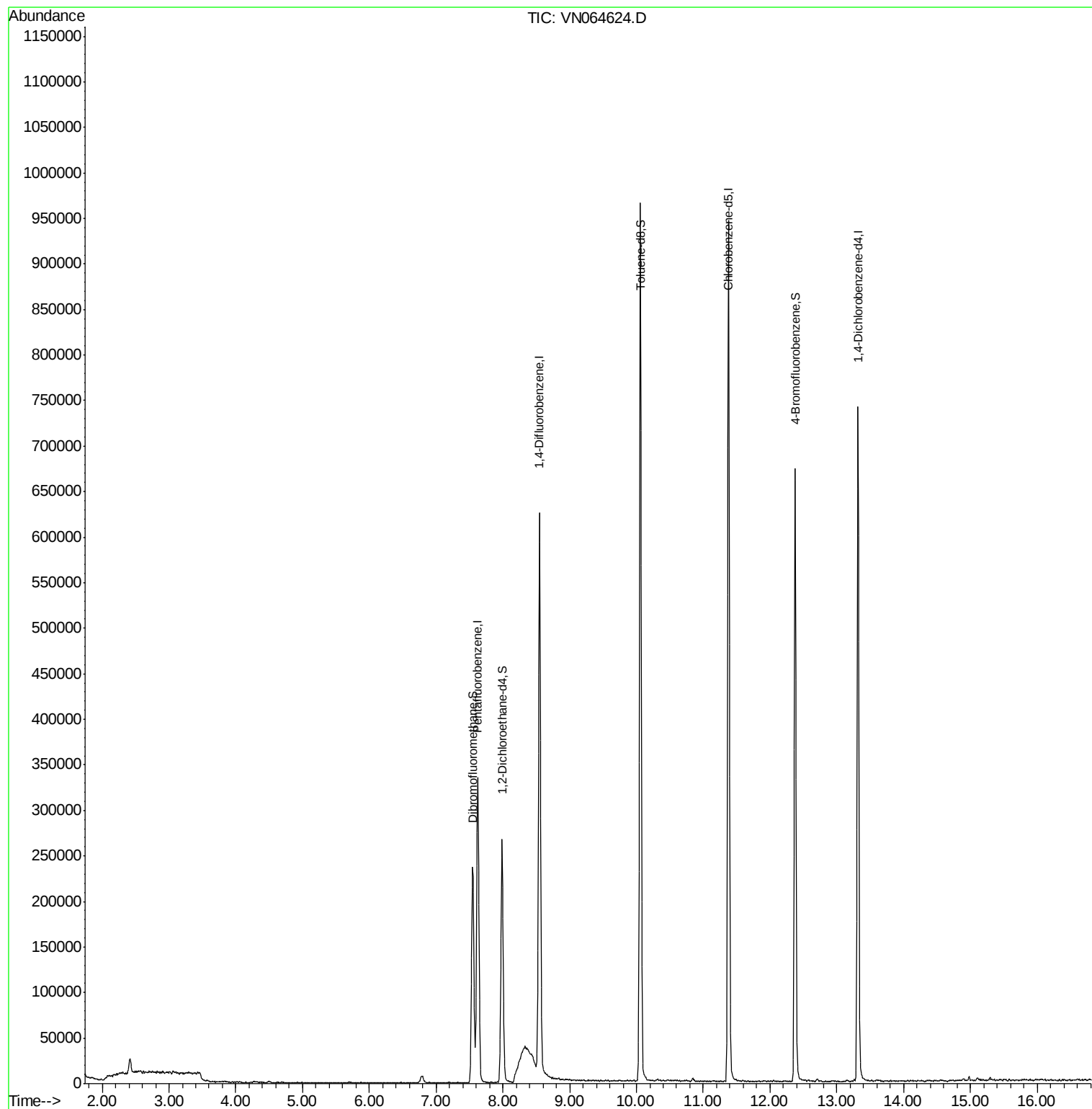
Target Compounds	Qvalue

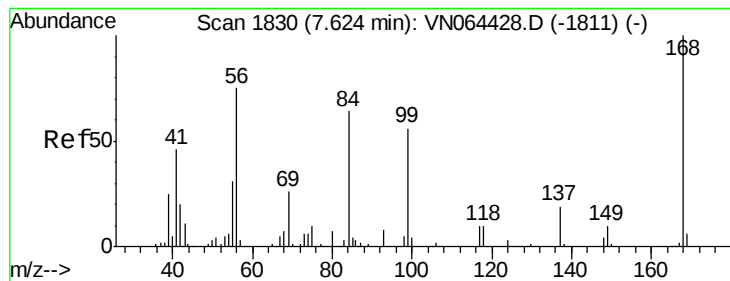
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064624.D

Acq: 13 Nov 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

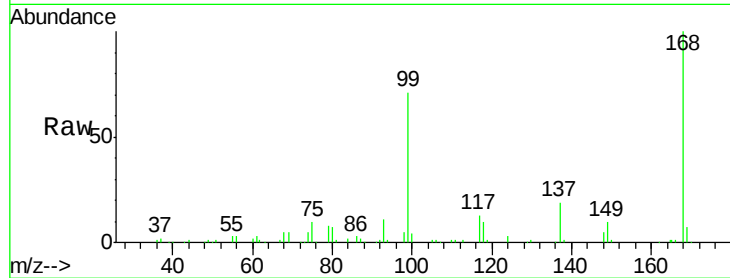
VN1113WBL01

Tot Ion:168 Resp: 236852

Ion Ratio Lower Upper

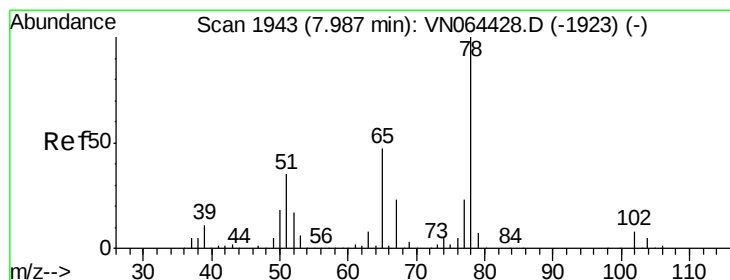
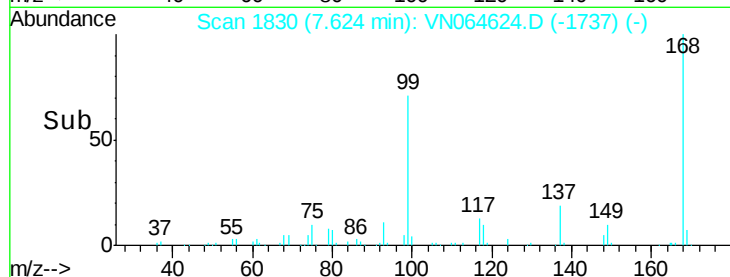
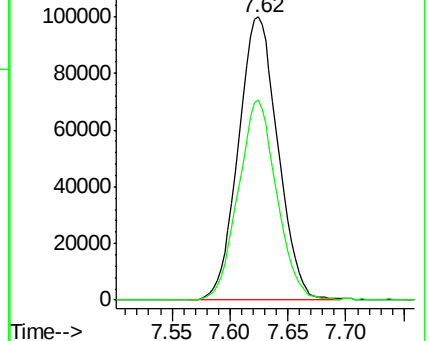
168 100

99 70.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.344 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064624.D

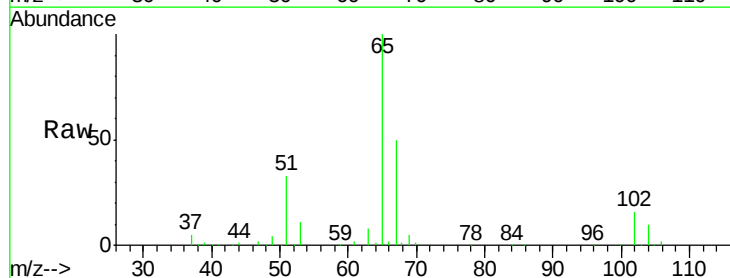
Acq: 13 Nov 2020 11:37

Tgt Ion: 65 Resp: 240705

Ion Ratio Lower Upper

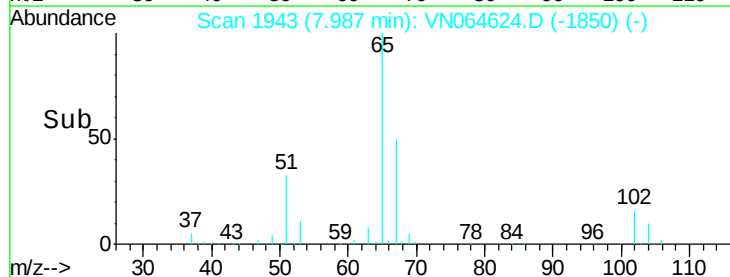
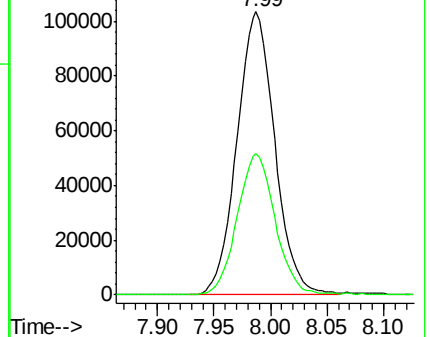
65 100

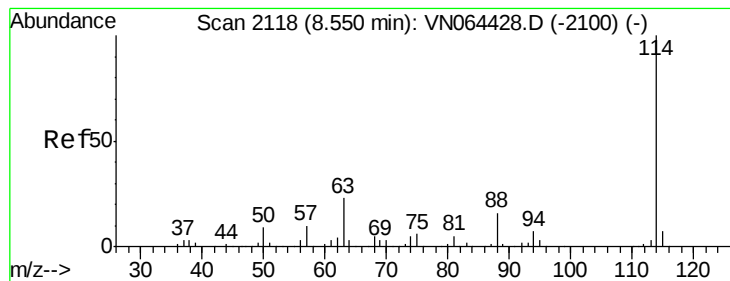
67 49.9 0.0 101.6



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: VN064624.D

Acq: 13 Nov 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113WBL01

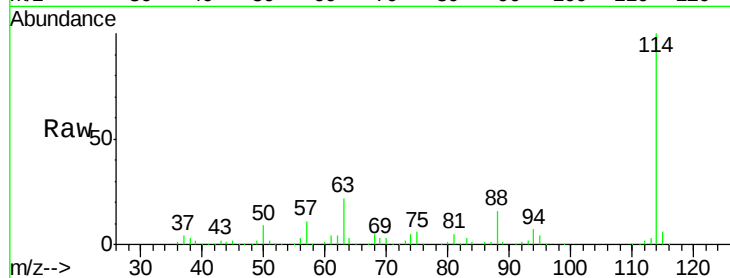
Tot Ion:114 Resp: 512261

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

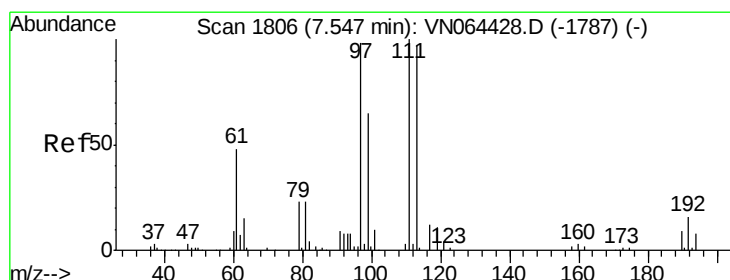
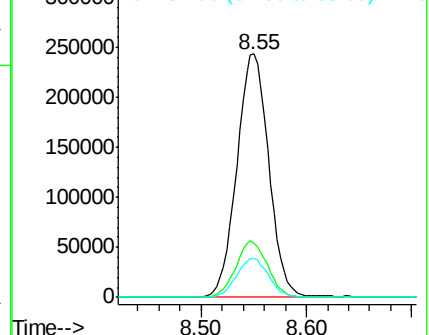
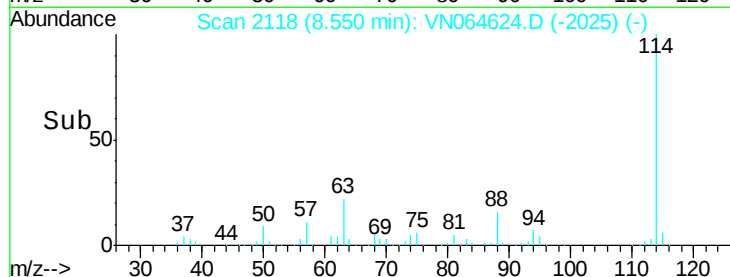
88 16.1 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.291 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064624.D

Acq: 13 Nov 2020 11:37

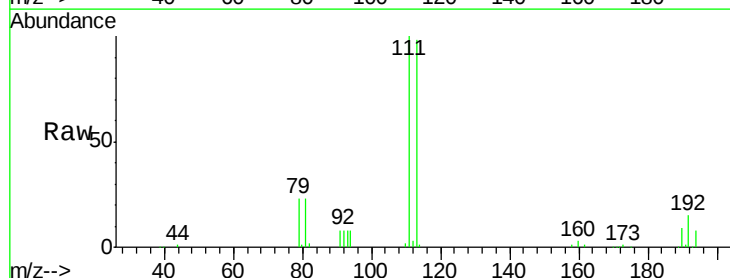
Tgt Ion:113 Resp: 178892

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

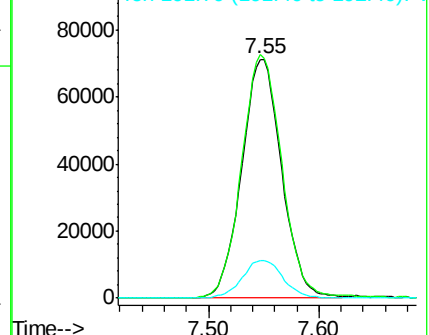
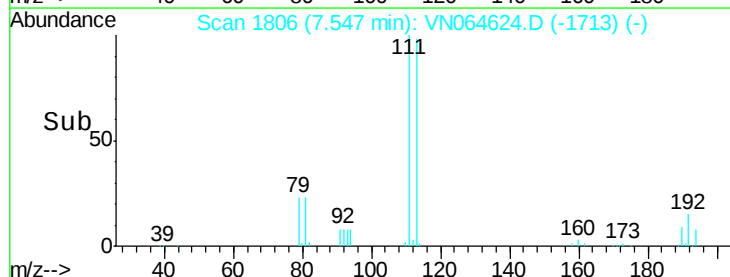
192 16.2 12.8 19.2

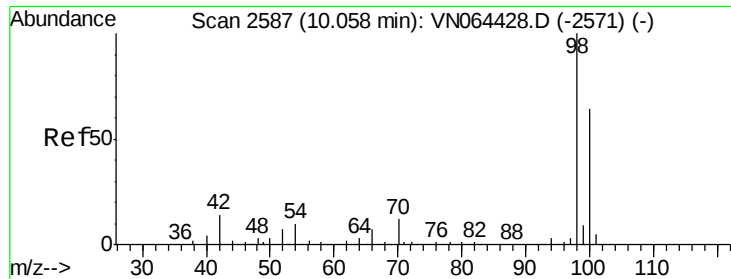


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.951 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064624.D

Acq: 13 Nov 2020 11:37

Instrument :

MSVOA_N

ClientSampleId :

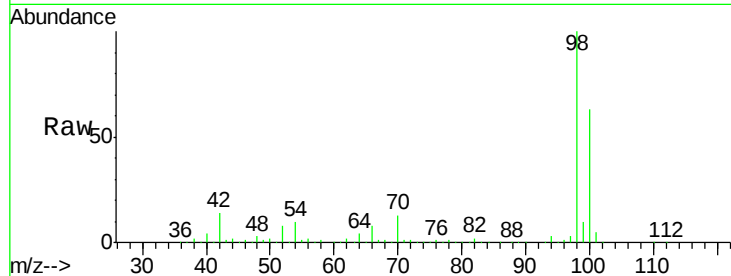
VN1113WBL01

Tot Ion: 98 Resp: 632916

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064624.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064624.D (-2571) (-)

10.06

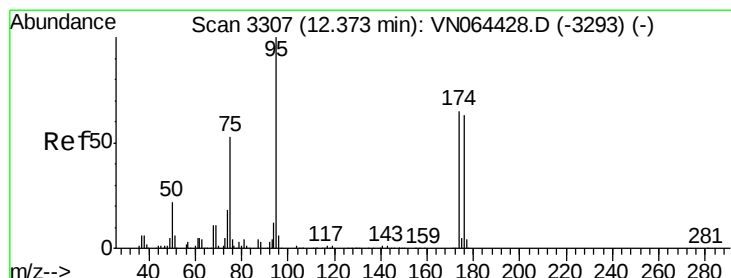
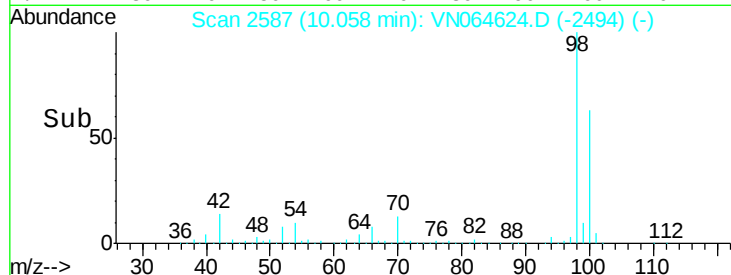
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.865 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064624.D

Acq: 13 Nov 2020 11:37

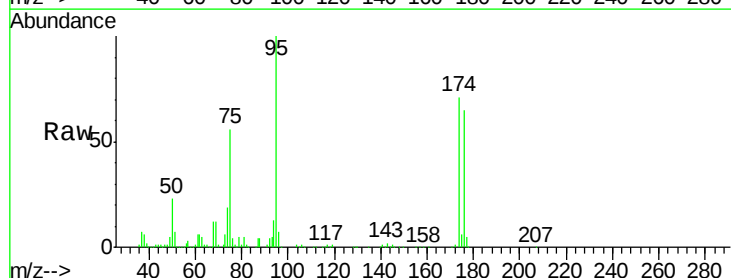
Tgt Ion: 95 Resp: 228727

Ion Ratio Lower Upper

95 100

174 71.9 0.0 132.6

176 66.8 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064624.D (-3214) (-)

Ion 173.80 (173.50 to 174.50): VN064624.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064624.D (-3214) (-)

12.38

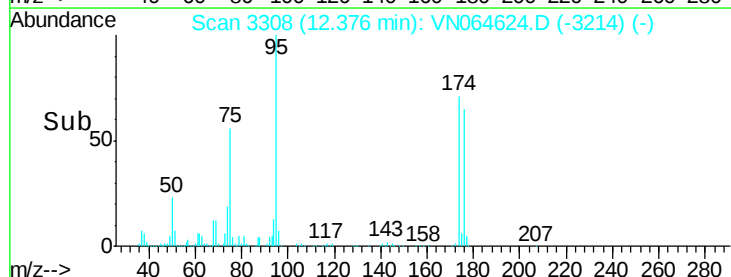
150000

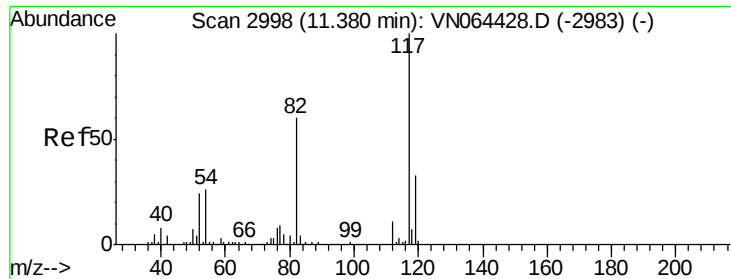
100000

50000

0

Time-->

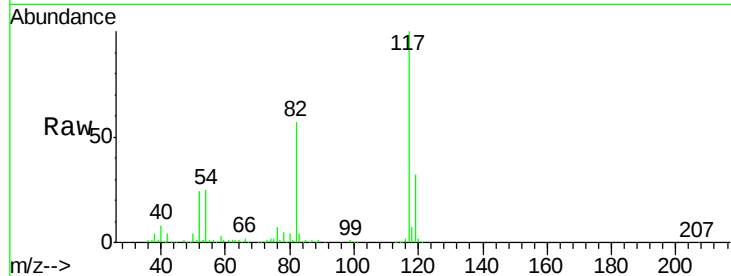




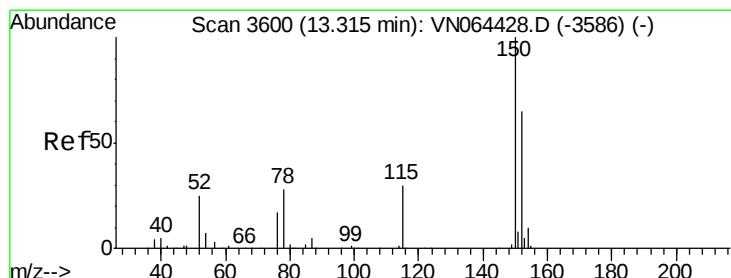
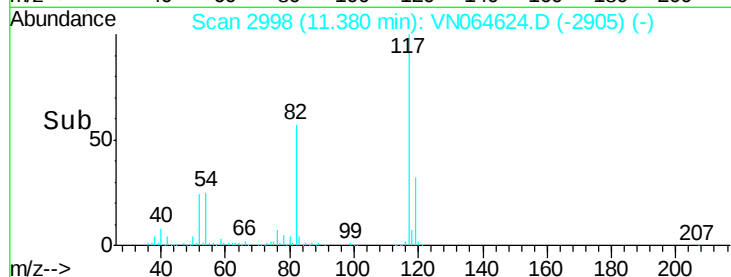
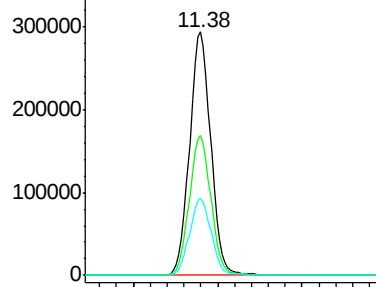
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064624.D
Acq: 13 Nov 2020 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBL01

Tot Ion:117 Resp: 514133
Ion Ratio Lower Upper
117 100
82 57.3 48.1 72.1
119 31.7 26.2 39.4

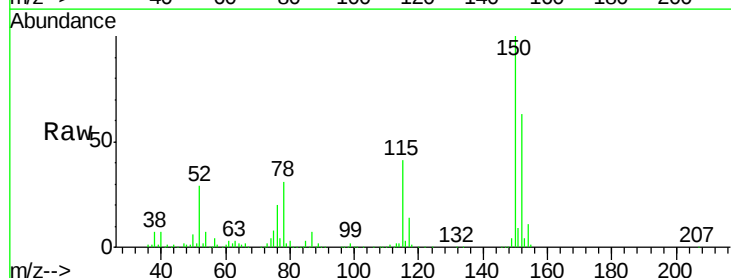


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064624.D
Acq: 13 Nov 2020 11:37

Tgt Ion:152 Resp: 183063
Ion Ratio Lower Upper
152 100
115 64.7 32.0 96.0
150 157.8 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

