

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064381.D
 Acq On : 29 Oct 2020 18:08
 Operator : JC/MD
 Sample : PB132688ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132688ZHE#12

Quant Time: Oct 30 07:58:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

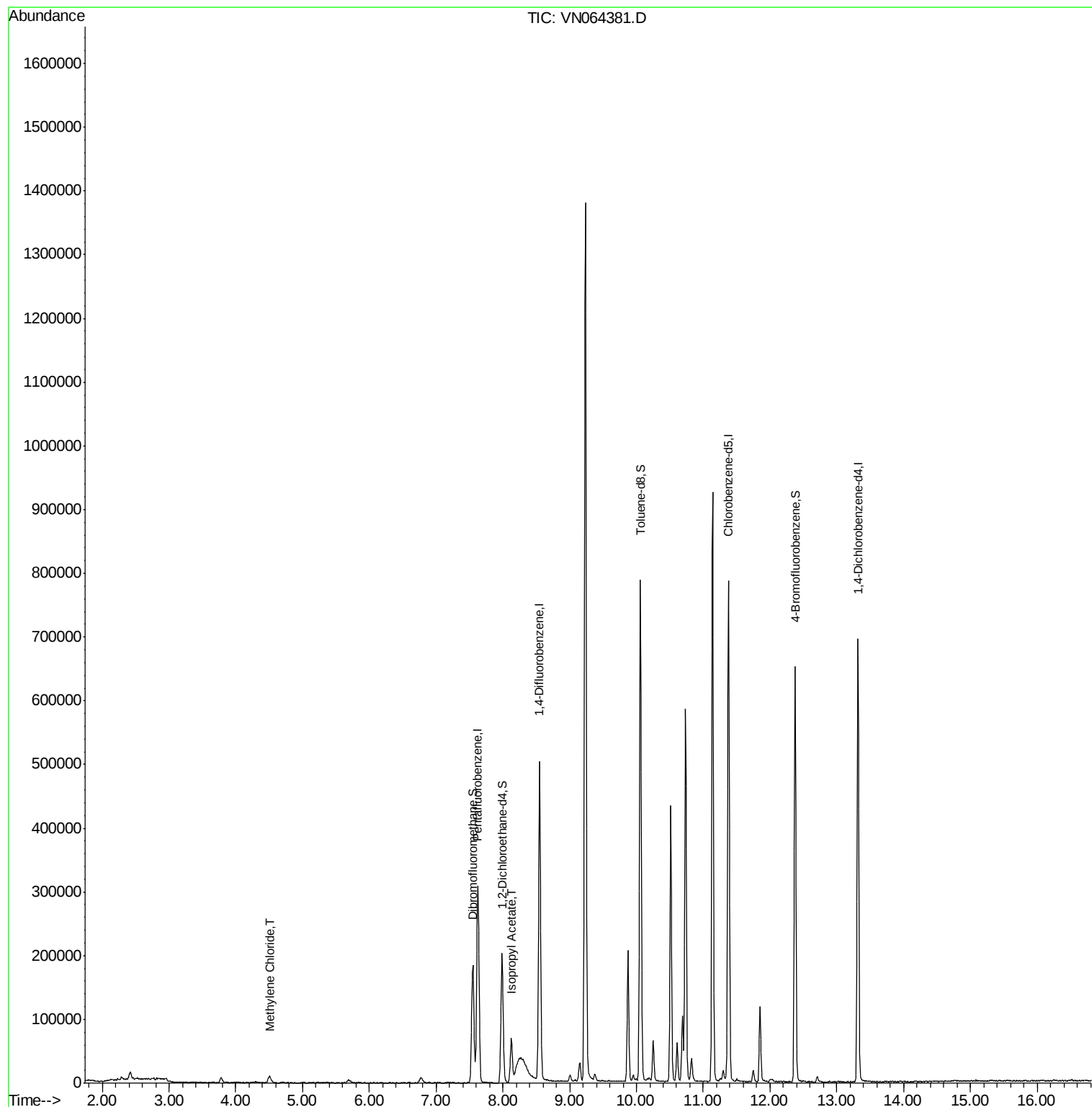
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	188803	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	7.55	113	137502	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.06	98	520347	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.38	95	223174	56.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.44%	
Target Compounds						
20) Methylene Chloride	4.50	84	6893	2.589	ug/l	94
43) Isopropyl Acetate	8.13	43	86218	12.094	ug/l #	90

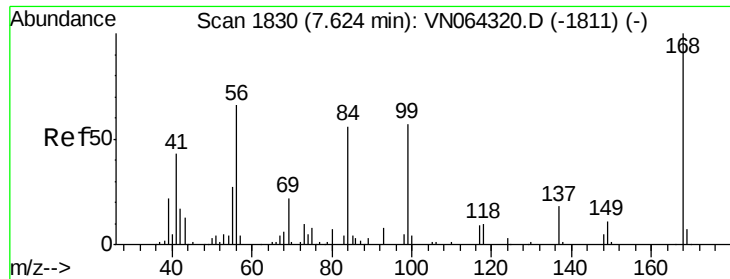
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064381.D

Acq: 29 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

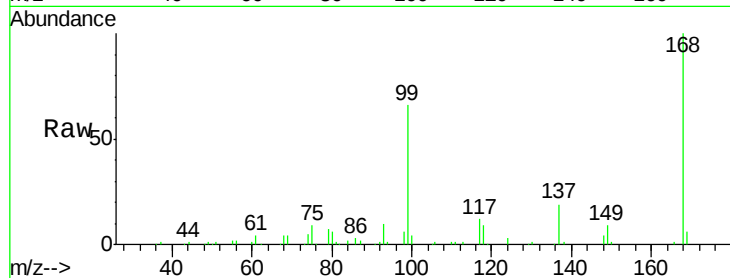
PB132688ZHE#12

Tot Ion:168 Resp: 233624

Ion Ratio Lower Upper

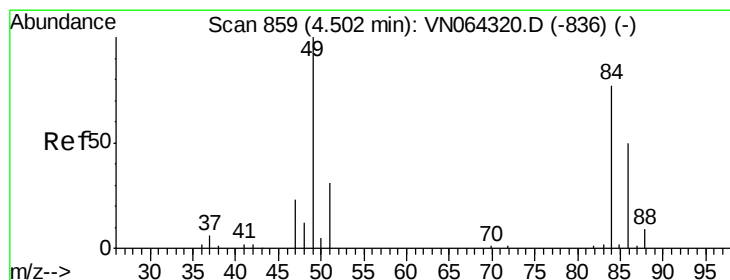
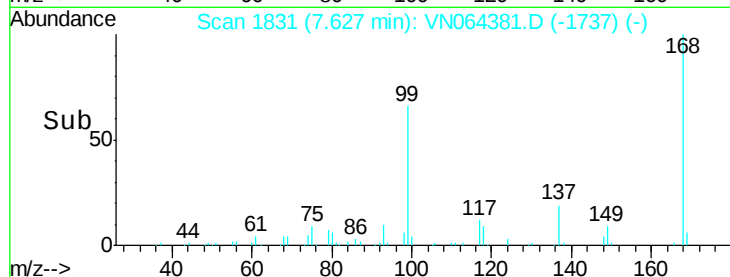
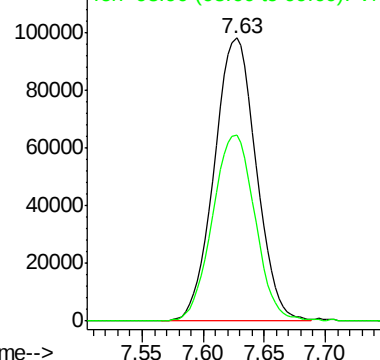
168 100

99 65.6 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.589 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN064381.D

Acq: 29 Oct 2020 18:08

Tgt Ion: 84 Resp: 6893

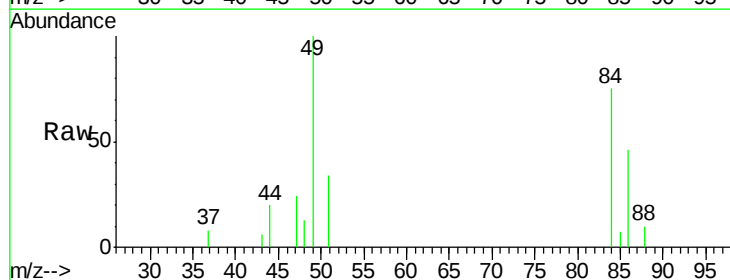
Ion Ratio Lower Upper

84 100

49 122.4 103.6 155.4

51 45.0 31.8 47.8

86 61.7 51.3 76.9

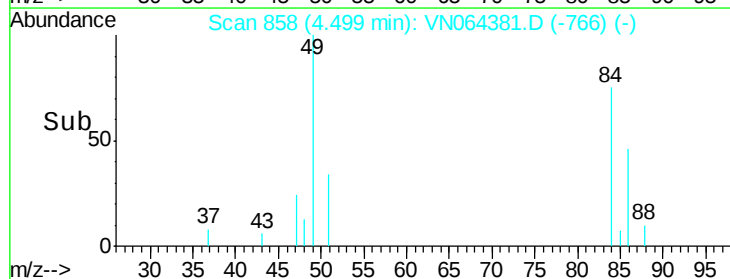
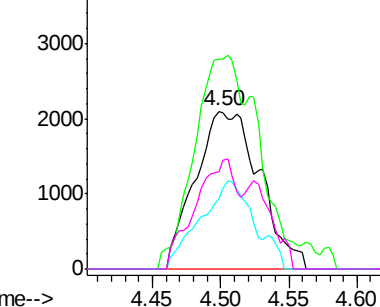


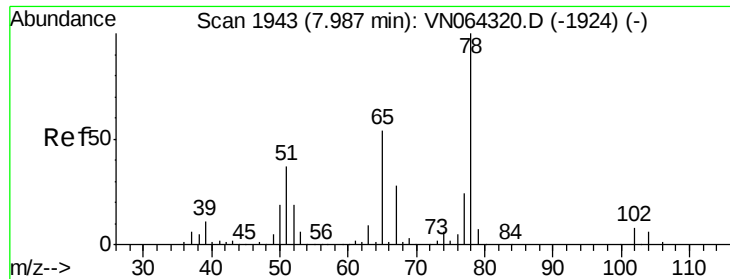
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.290 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064381.D

Acq: 29 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

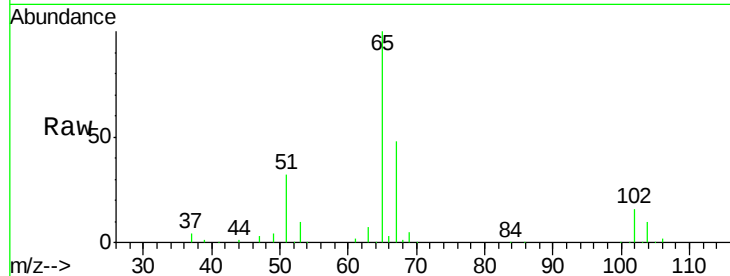
PB132688ZHE#12

Tot Ion: 65 Resp: 188803

Ion Ratio Lower Upper

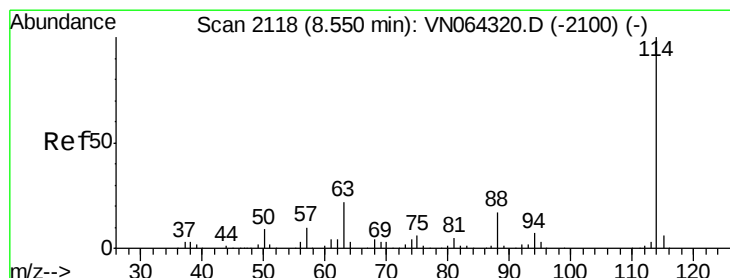
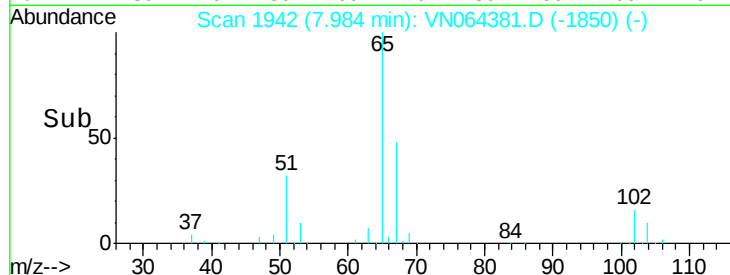
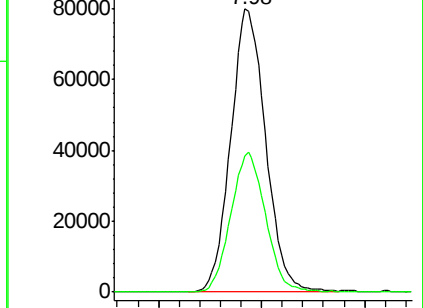
65 100

67 48.9 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN064320.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN064320.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064381.D

Acq: 29 Oct 2020 18:08

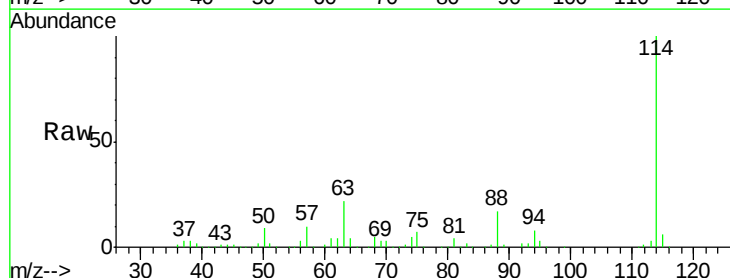
Tgt Ion: 114 Resp: 409084

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

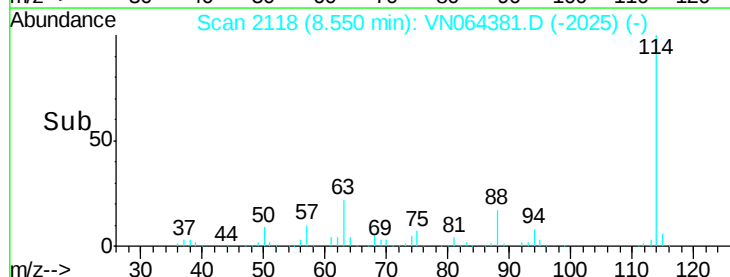
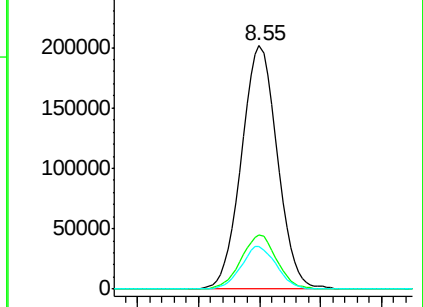
88 17.3 0.0 33.4

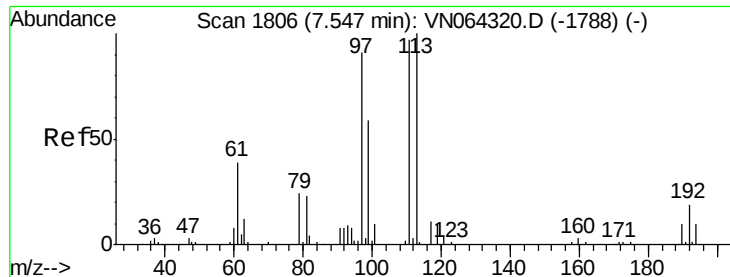


Abundance Ion 113.90 (113.60 to 114.60): VN064320.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064320.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064320.D (-2100) (-)

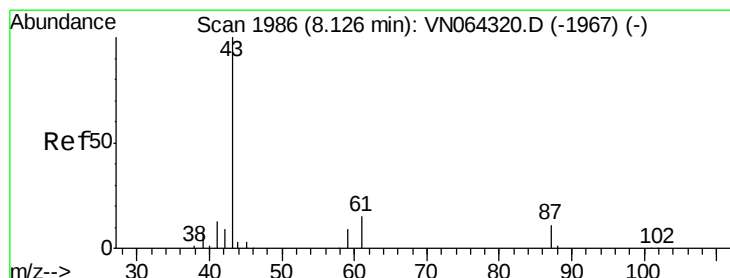
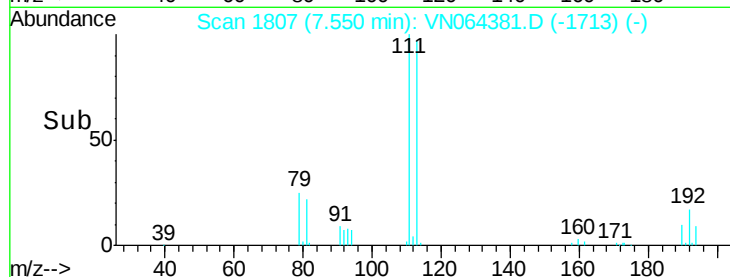
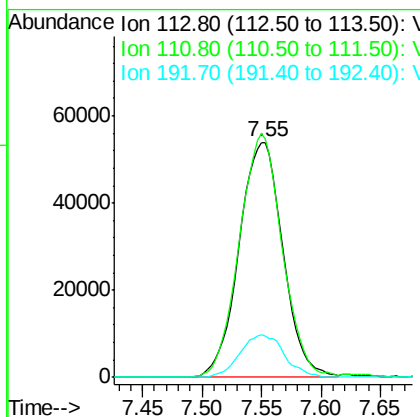
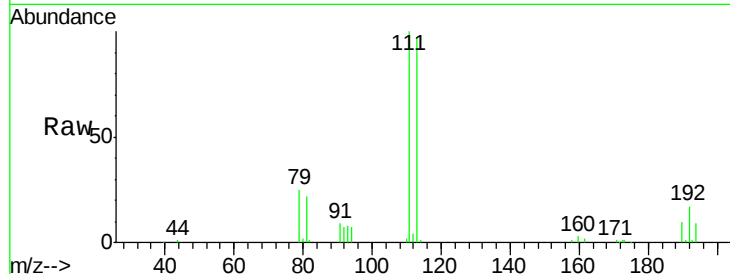




#35
 Dibromofluoromethane
 Concen: 50.403 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064381.D
 Acq: 29 Oct 2020 18:08

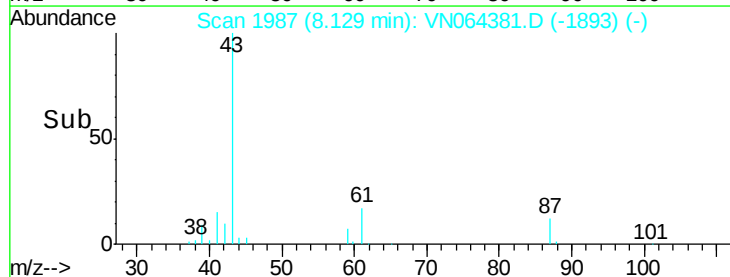
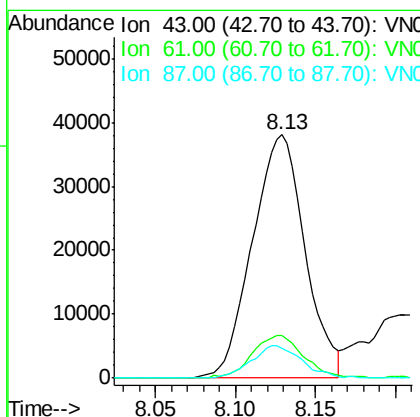
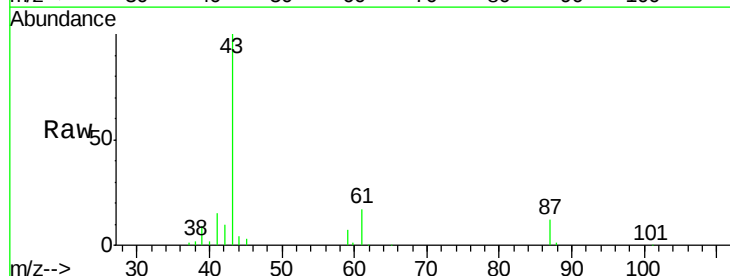
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132688ZHE#12

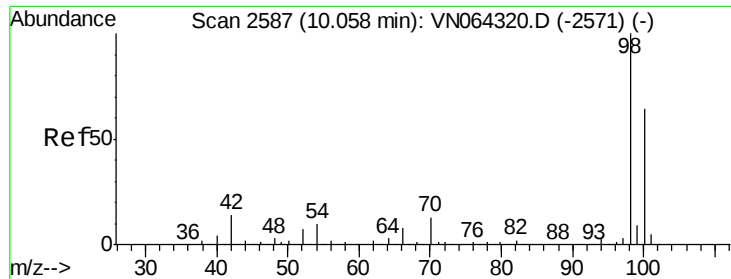
Tot Ion:113 Resp: 137502
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 18.3 15.0 22.4



#43
 Isopropyl Acetate
 Concen: 12.094 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064381.D
 Acq: 29 Oct 2020 18:08

Tgt Ion: 43 Resp: 86218
 Ion Ratio Lower Upper
 43 100
 61 17.0 19.1 28.7#
 87 12.7 9.3 13.9





#50

Toluene-d8

Concen: 51.566 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064381.D

Acq: 29 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

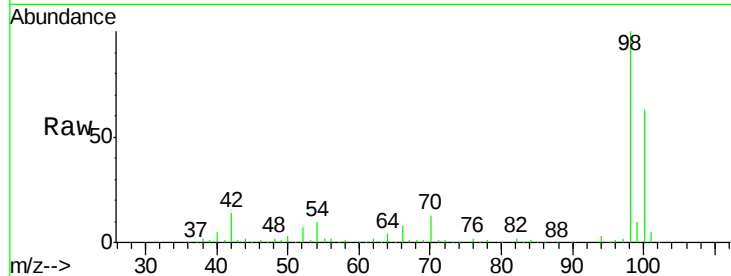
PB132688ZHE#12

Tot Ion: 98 Resp: 520347

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

300000

250000

200000

150000

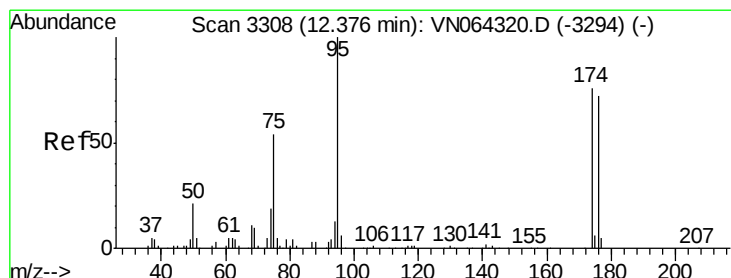
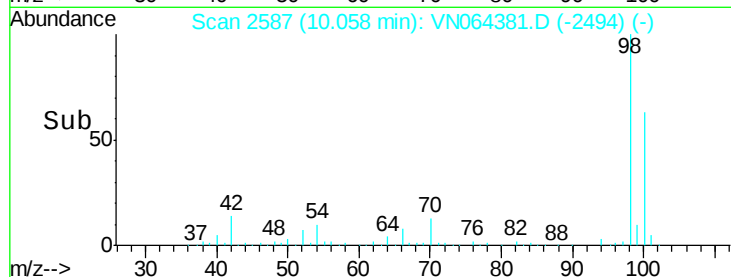
100000

50000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 56.725 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064381.D

Acq: 29 Oct 2020 18:08

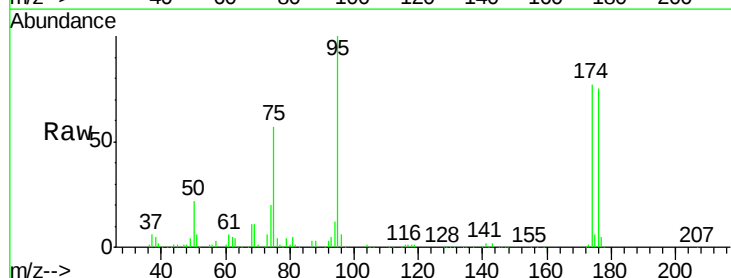
Tgt Ion: 95 Resp: 223174

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.4

176 72.0 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

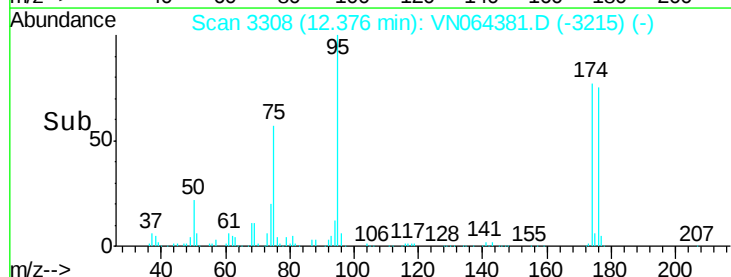
100000

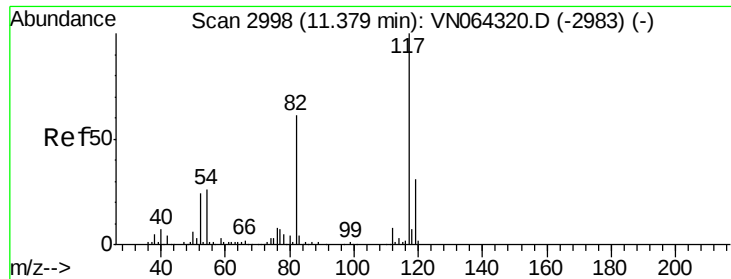
50000

0

Time-->

12.30 12.35 12.40 12.45

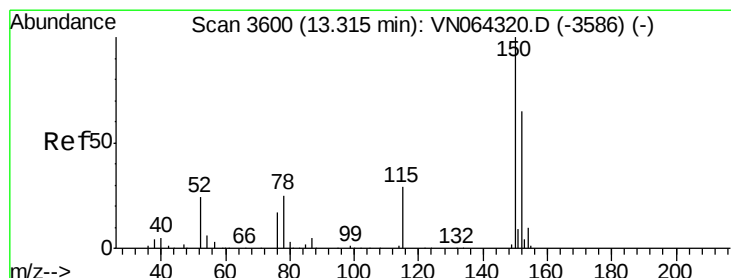
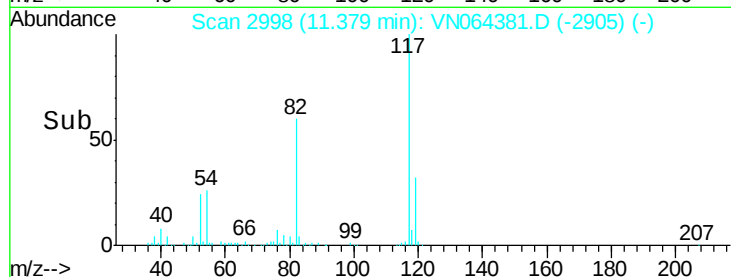
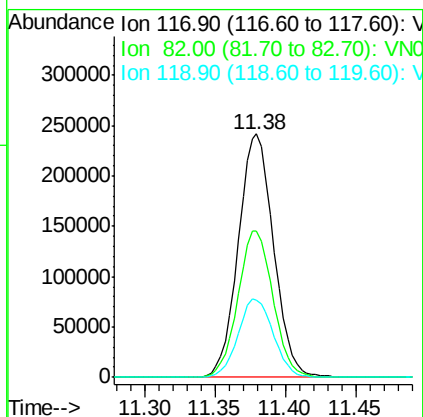
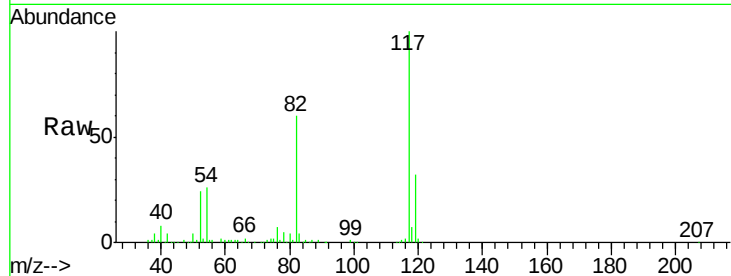




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064381.D
Acq: 29 Oct 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :
PB132688ZHE#12

Tot Ion:117 Resp: 424623
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064381.D
Acq: 29 Oct 2020 18:08

Tgt Ion:152 Resp: 181544
Ion Ratio Lower Upper
152 100
115 61.2 31.5 94.5
150 150.3 0.0 346.2

