

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064686.D
 Acq On : 17 Nov 2020 17:31
 Operator : JC/MD
 Sample : PB133043TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133043TB

Quant Time: Nov 18 03:01:12 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

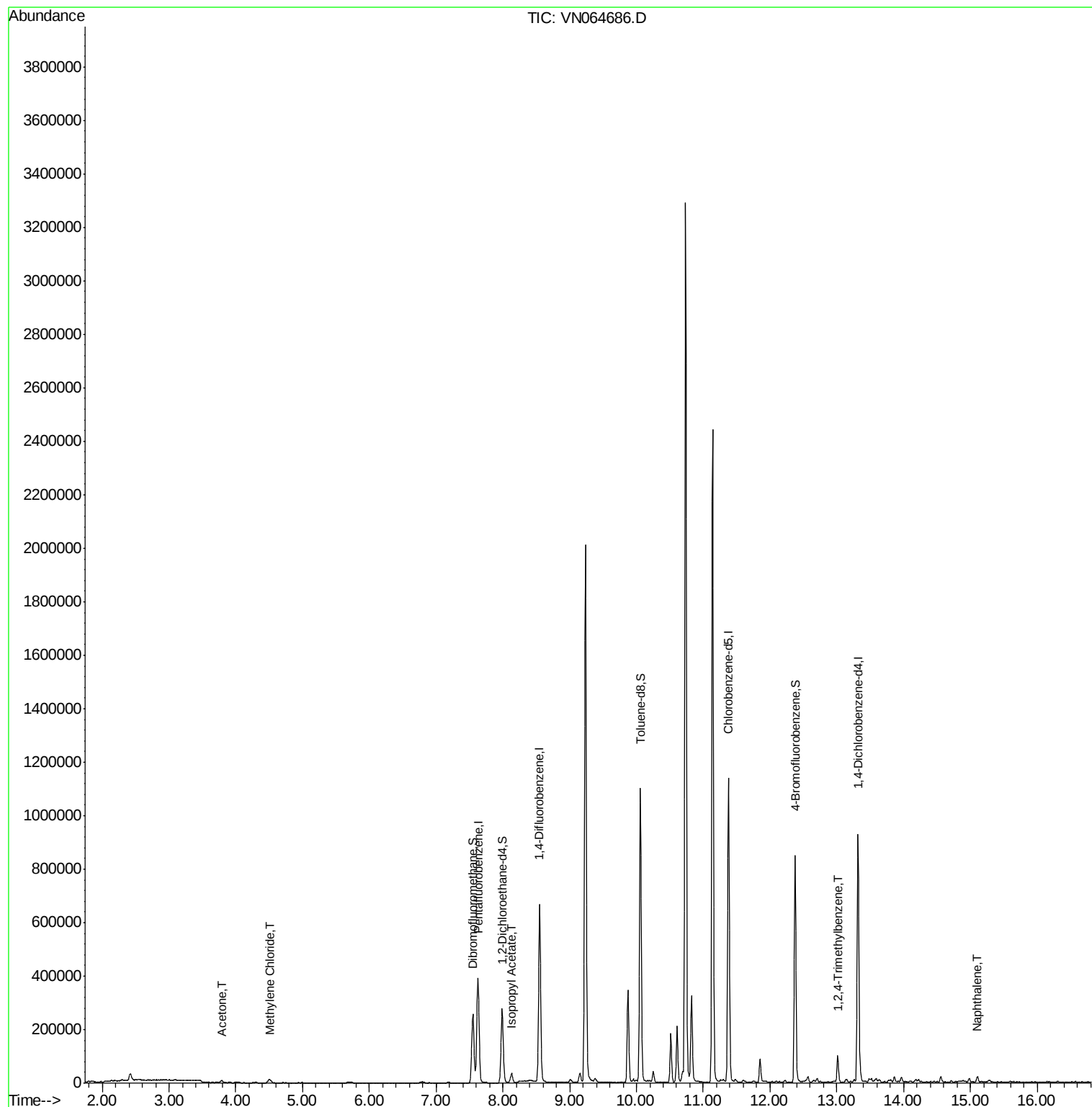
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	279328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	616758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	250670	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	7.55	113	191955	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	10.06	98	749276	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	296394	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
Target Compounds						
16) Acetone	3.78	43	13378	7.218	ug/l	91
20) Methylene Chloride	4.51	84	9236	2.512	ug/l	94
43) Isopropyl Acetate	8.13	43	41731	4.299	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	55378	3.568	ug/l	100
95) Naphthalene	15.11	128	20144	5.070	ug/l	98

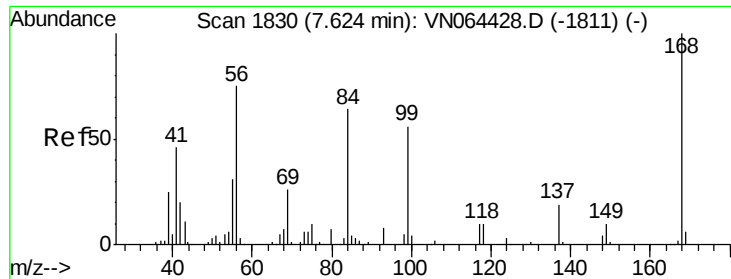
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064686.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

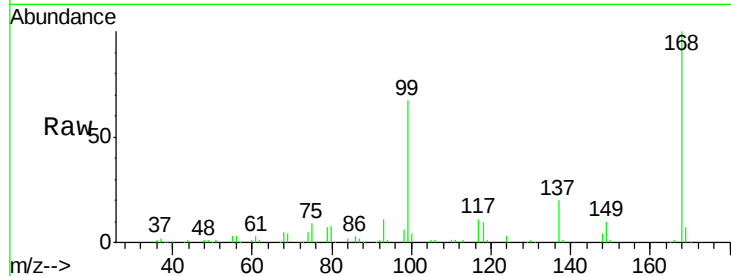
PB133043TB

Tot Ion:168 Resp: 279328

Ion Ratio Lower Upper

168 100

99 67.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

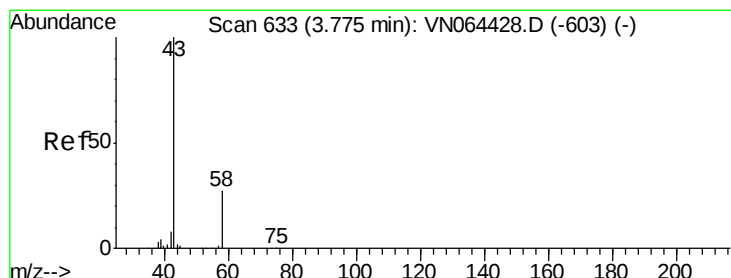
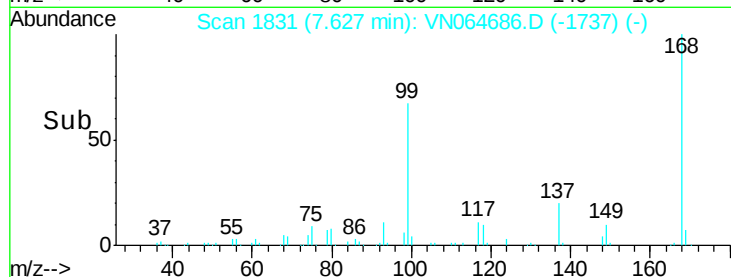
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.218 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064686.D

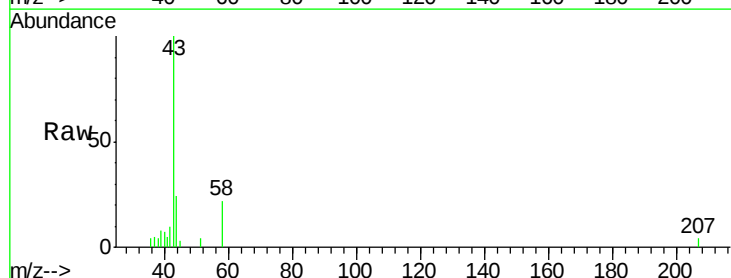
Acq: 17 Nov 2020 17:31

Tgt Ion: 43 Resp: 13378

Ion Ratio Lower Upper

43 100

58 22.2 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

5000

4000

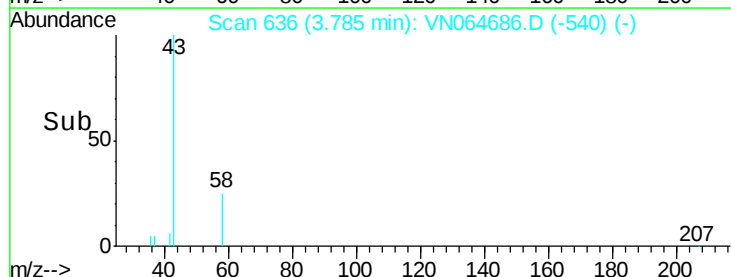
3000

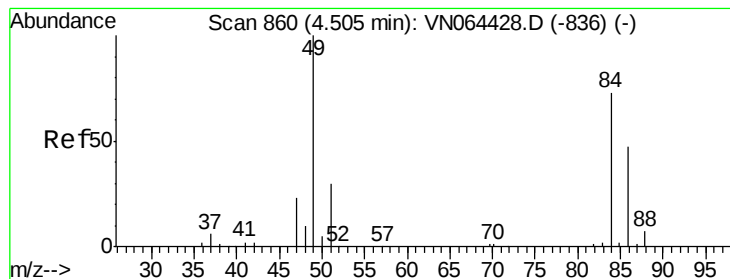
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 2.512 ug/l

RT: 4.51 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN064686.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB133043TB

Tot Ion: 84 Resp: 9236

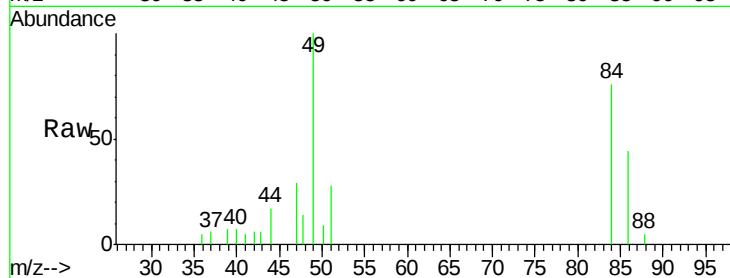
Ion Ratio Lower Upper

84 100

49 132.1 110.1 165.1

51 36.5 33.6 50.4

86 58.4 52.1 78.1

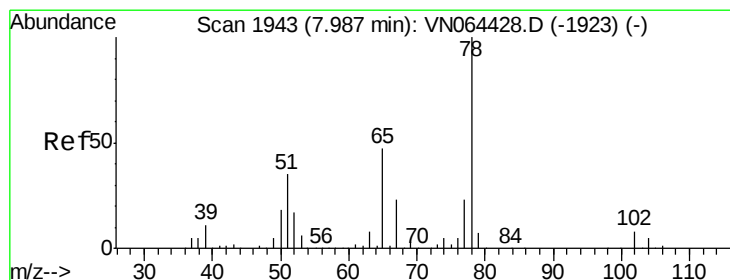
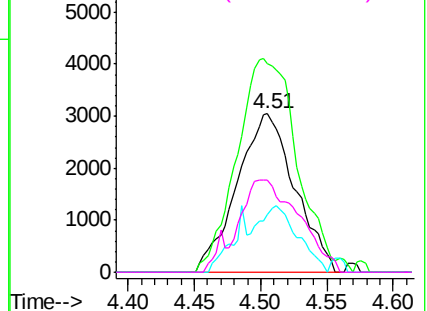
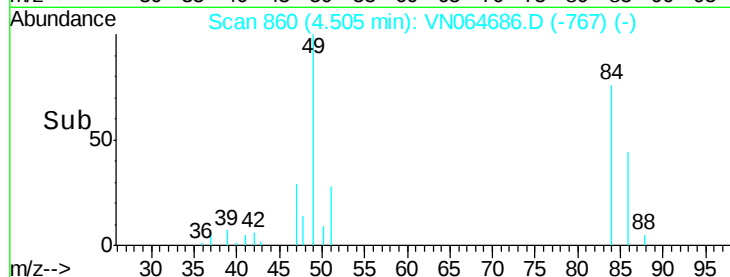


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.520 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064686.D

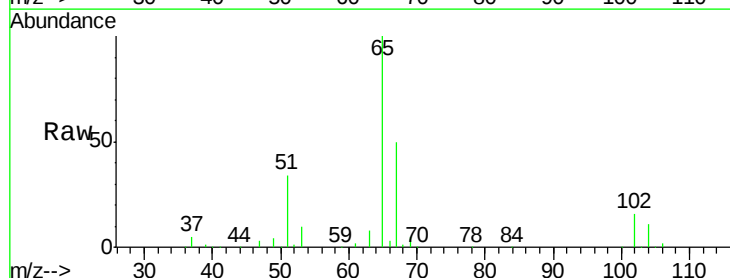
Acq: 17 Nov 2020 17:31

Tgt Ion: 65 Resp: 250670

Ion Ratio Lower Upper

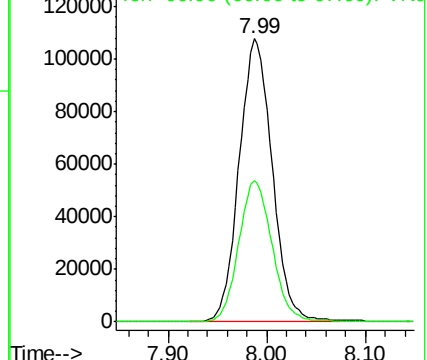
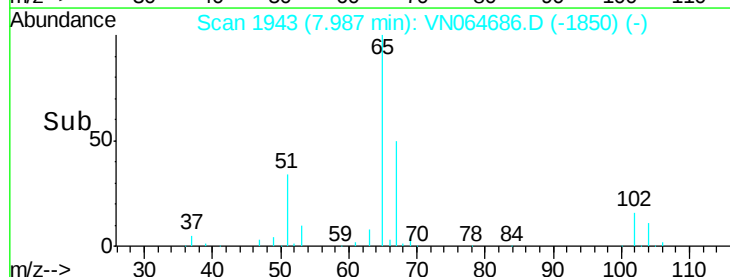
65 100

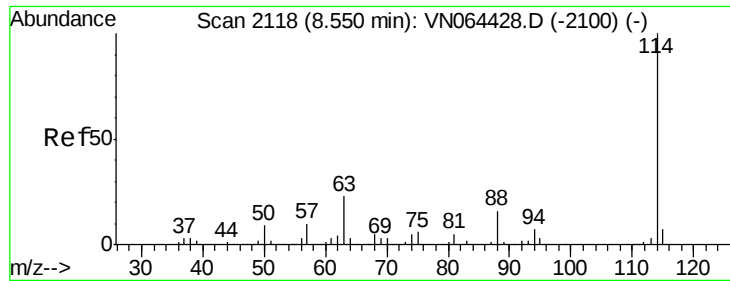
67 50.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

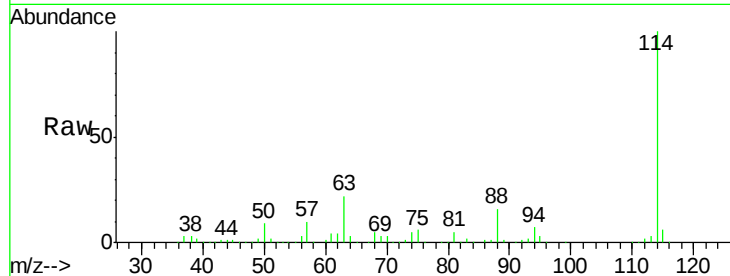




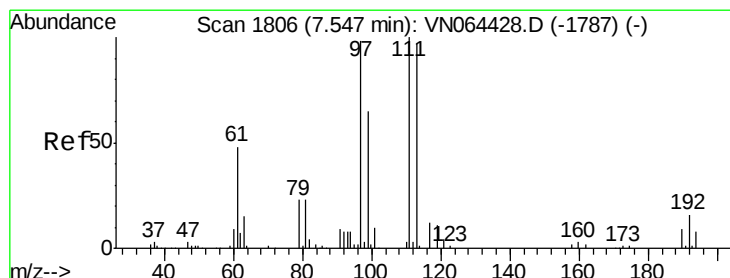
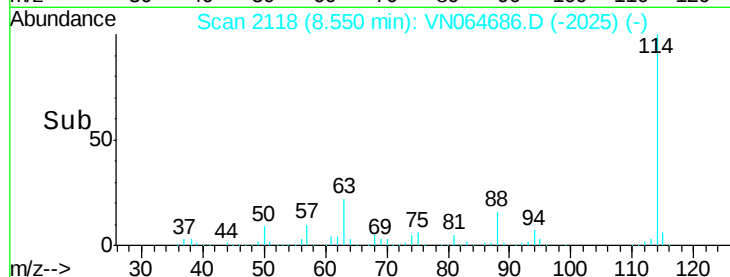
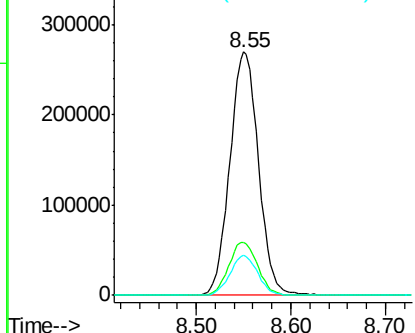
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064686.D
Acq: 17 Nov 2020 17:31

Instrument :
MSVOA_N
ClientSampleId :
PB133043TB

Tot Ion:114 Resp: 566979
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.6
88 16.4 0.0 32.8

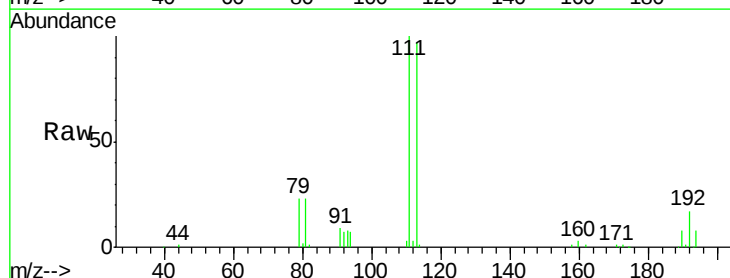


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

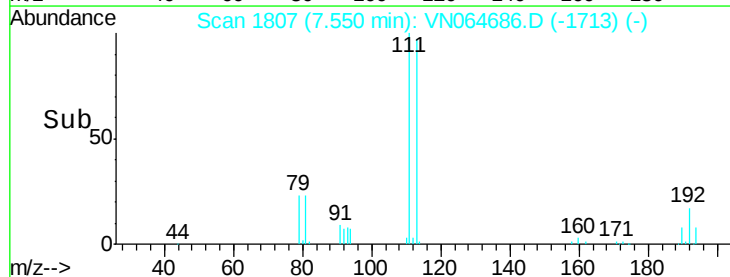
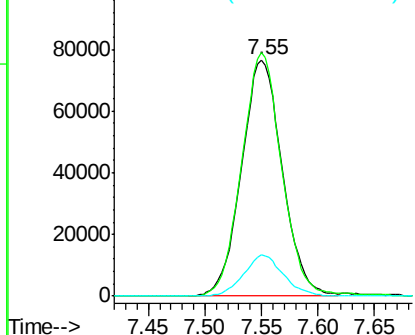


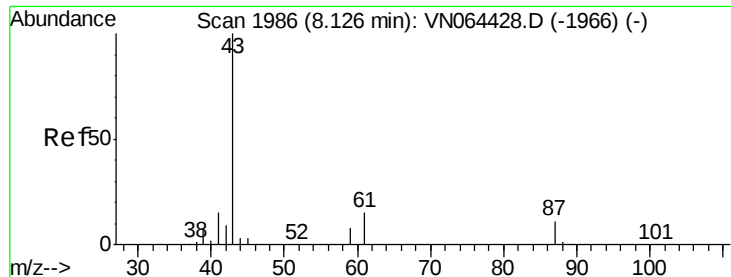
#35
Dibromofluoromethane
Concen: 49.725 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064686.D
Acq: 17 Nov 2020 17:31

Tgt Ion:113 Resp: 191955
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 16.9 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





#43

Isopropyl Acetate

Concen: 4.299 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064686.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB133043TB

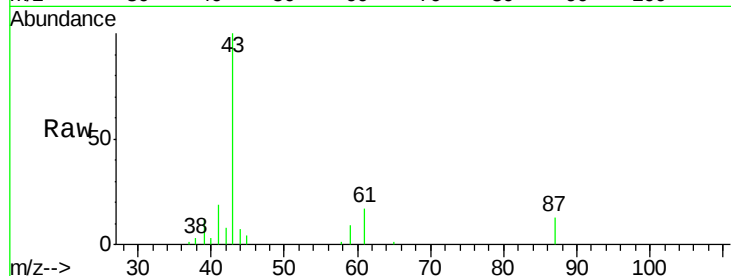
Tot Ion: 43 Resp: 41731

Ion Ratio Lower Upper

43 100

61 18.6 14.0 21.0

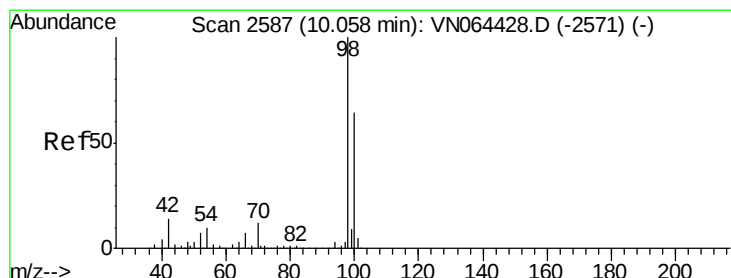
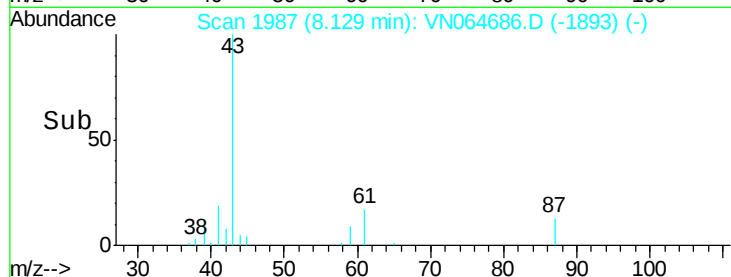
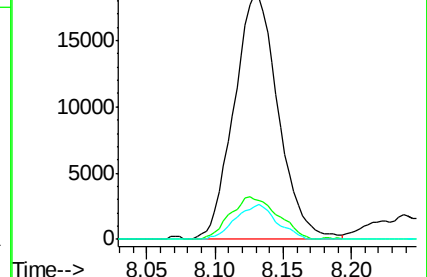
87 13.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#50

Toluene-d8

Concen: 50.219 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064686.D

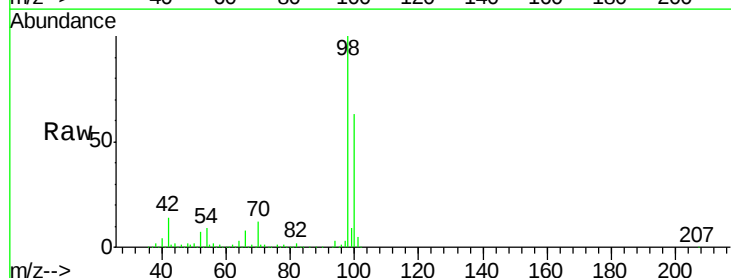
Acq: 17 Nov 2020 17:31

Tgt Ion: 98 Resp: 749276

Ion Ratio Lower Upper

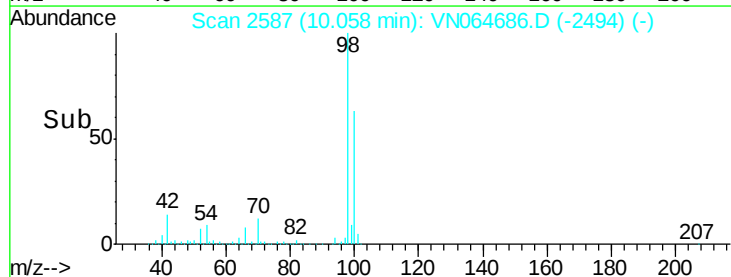
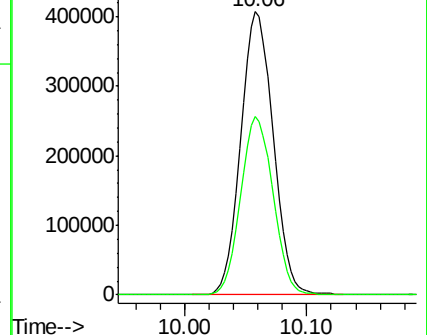
98 100

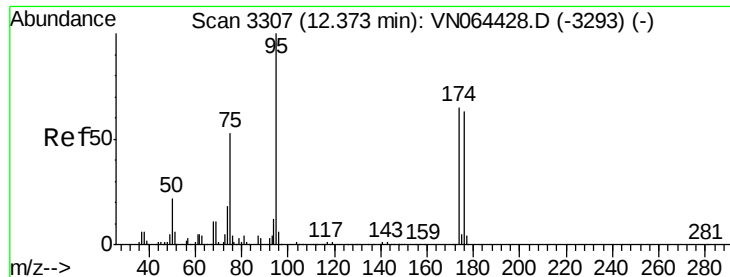
100 62.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#62

4-Bromofluorobenzene

Concen: 52.527 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064686.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB133043TB

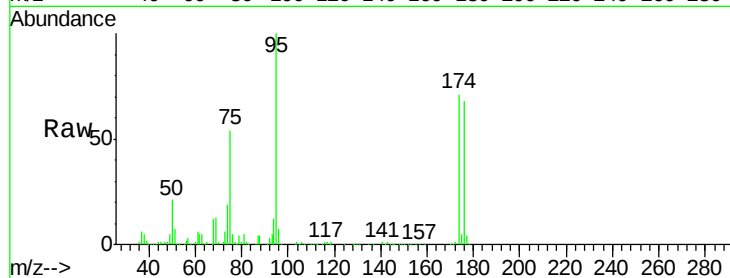
Tot Ion: 95 Resp: 296394

Ion Ratio Lower Upper

95 100

174 70.8 0.0 132.6

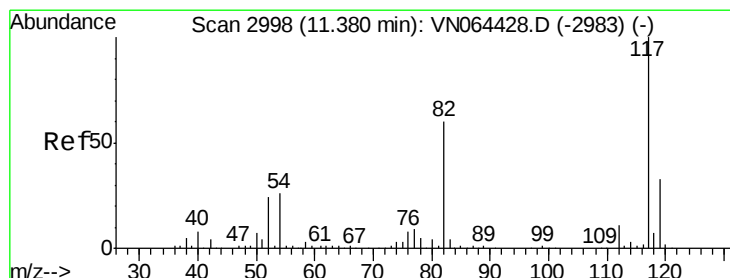
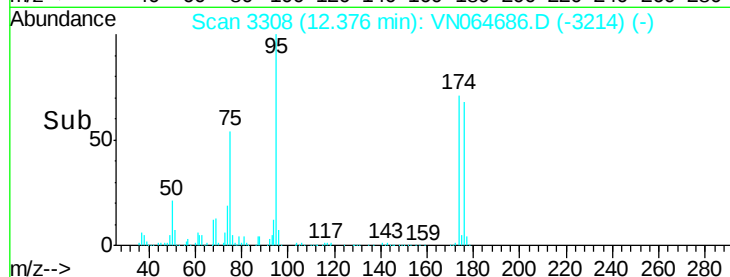
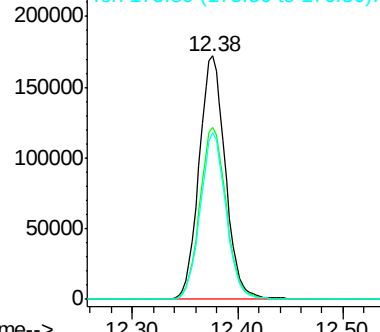
176 66.6 0.0 129.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064686.D

Acq: 17 Nov 2020 17:31

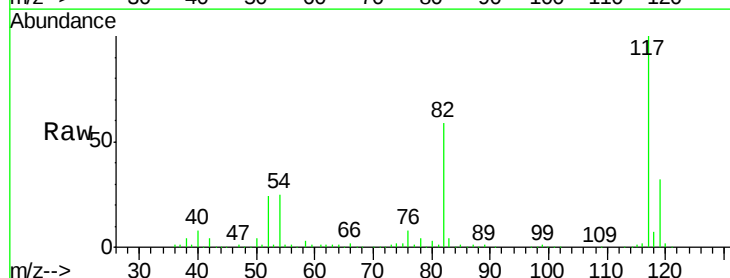
Tgt Ion: 117 Resp: 616758

Ion Ratio Lower Upper

117 100

82 59.4 48.1 72.1

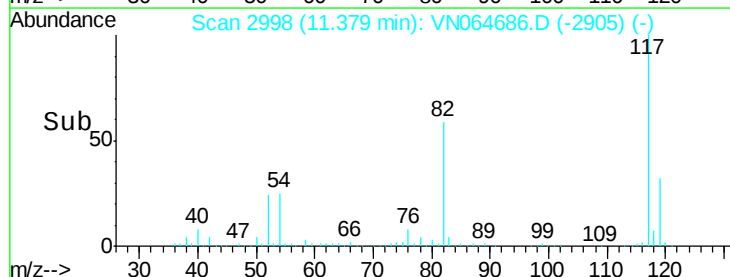
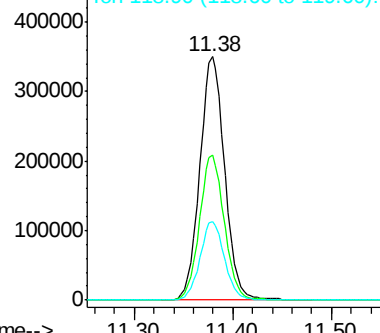
119 32.5 26.2 39.4

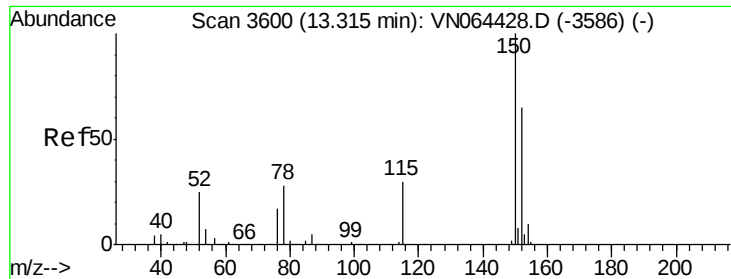


Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064686.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_N

ClientSampled :

PB133043TB

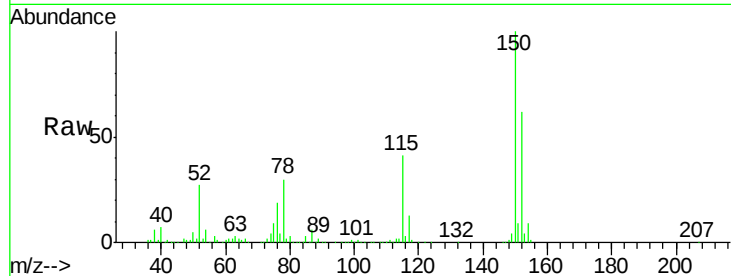
Tot Ion:152 Resp: 235456

Ion Ratio Lower Upper

152 100

115 66.8 32.0 96.0

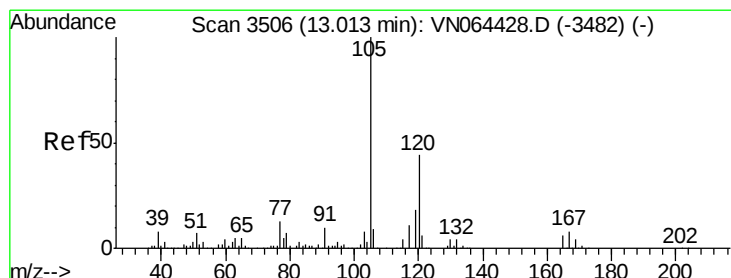
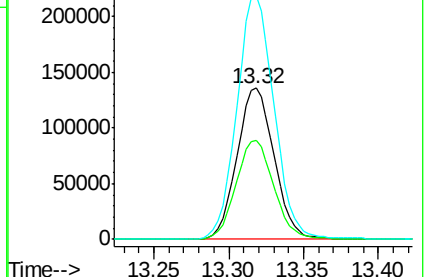
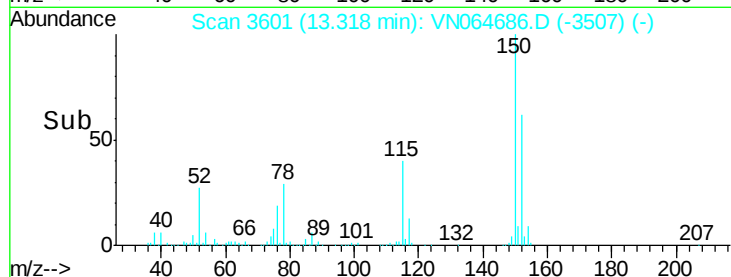
150 161.2 0.0 353.8



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



#84

1,2,4-Trimethylbenzene

Concen: 3.568 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064686.D

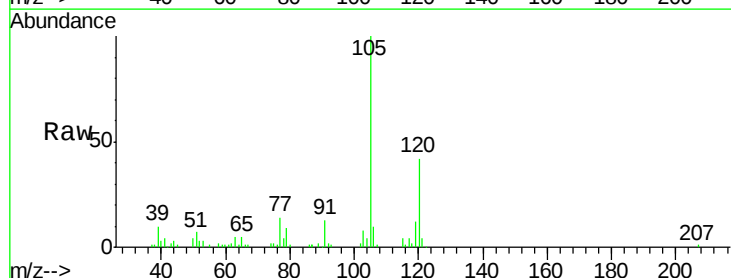
Acq: 17 Nov 2020 17:31

Tgt Ion:105 Resp: 55378

Ion Ratio Lower Upper

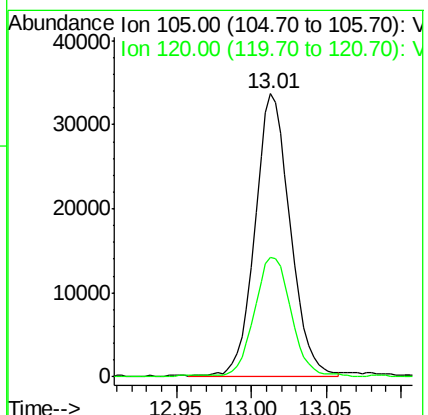
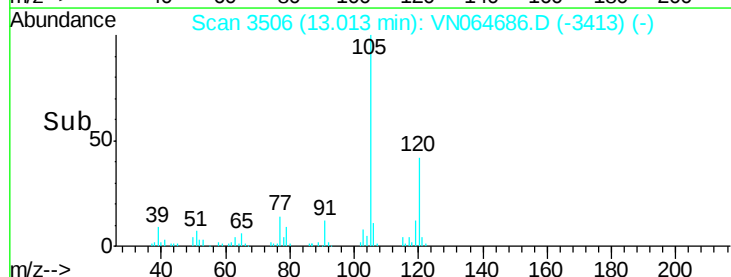
105 100

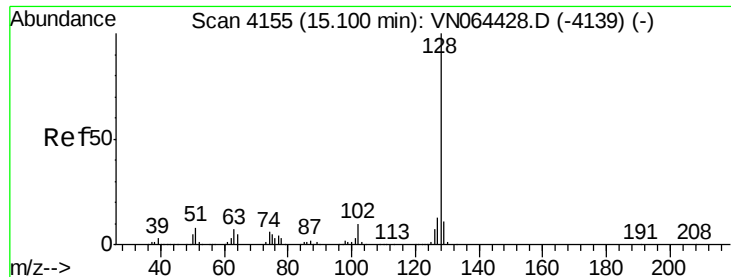
120 44.1 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.070 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064686.D

Acq: 17 Nov 2020 17:31

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PB133043TB

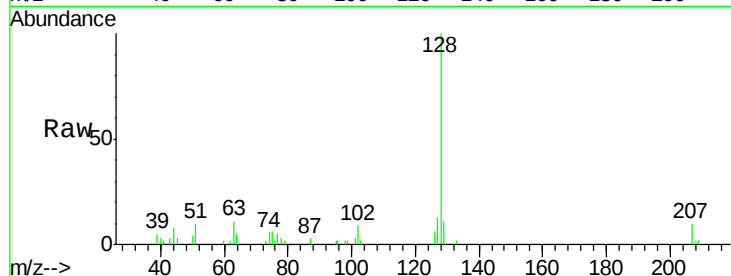
Tot Ion:128 Resp: 20144

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 10.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

