

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064128.D
 Acq On : 14 Oct 2020 21:43
 Operator : JC/MD
 Sample : PB132350TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132350TB

Quant Time: Oct 15 07:35:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

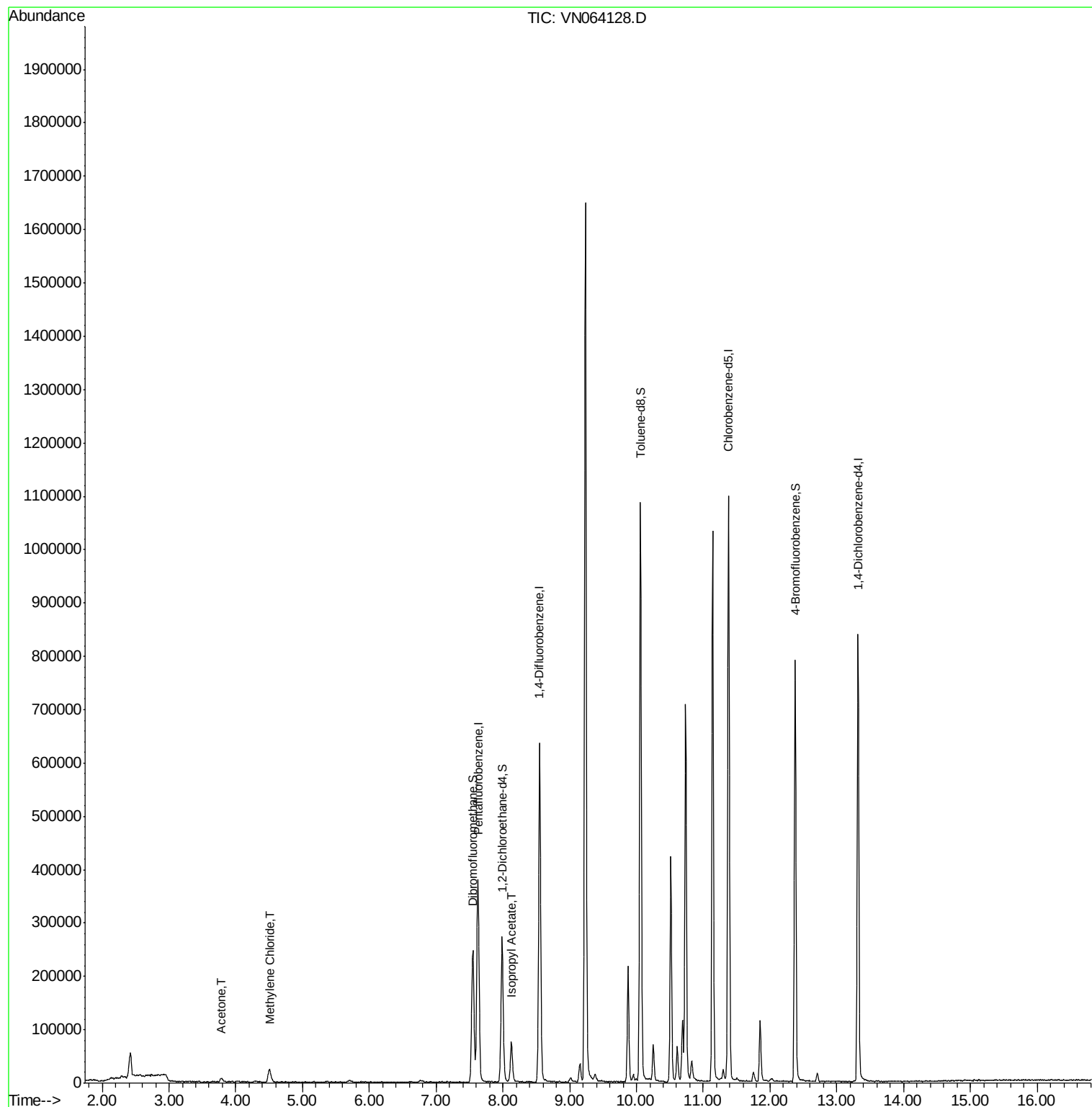
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	293139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	555518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	625670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	228601	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.55	113	192122	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.06	98	750946	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.38	95	265338	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
Target Compounds						
16) Acetone	3.78	43	12738	10.286	ug/l	92
20) Methylene Chloride	4.51	84	18940	4.943	ug/l	87
43) Isopropyl Acetate	8.13	43	86967	11.029	ug/l #	90

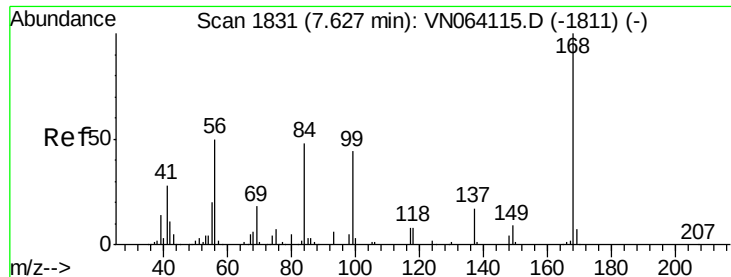
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 01:16:44 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: VN064128.D

Acq: 14 Oct 2020 21:43

Instrument :

MSVOA_N

ClientSampleId :

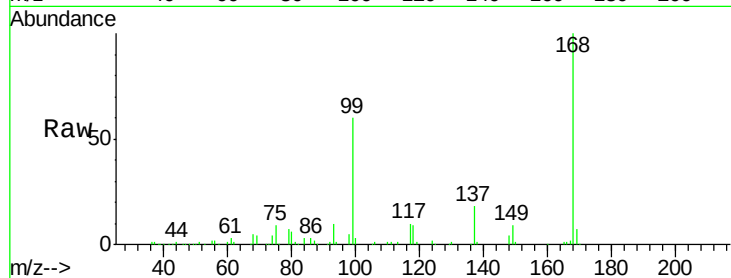
PB132350TB

Tot Ion:168 Resp: 293139

Ion Ratio Lower Upper

168 100

99 59.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

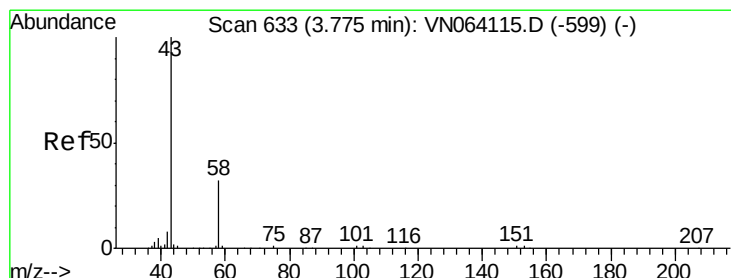
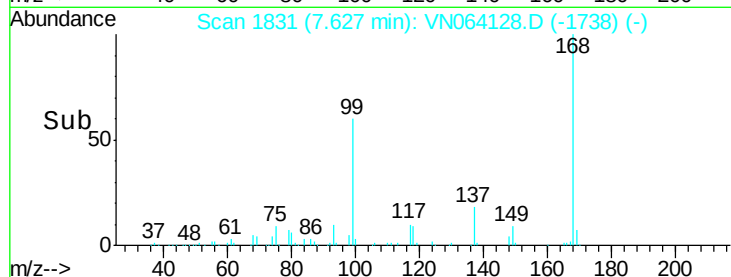
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.286 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064128.D

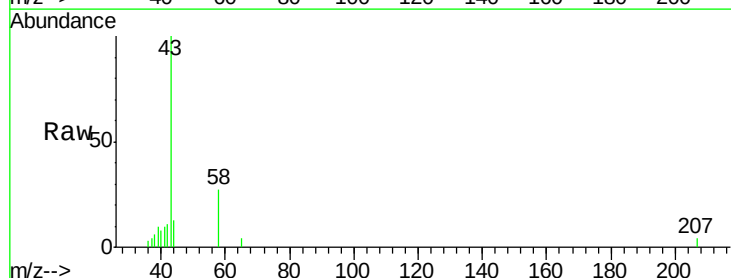
Acq: 14 Oct 2020 21:43

Tgt Ion: 43 Resp: 12738

Ion Ratio Lower Upper

43 100

58 27.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

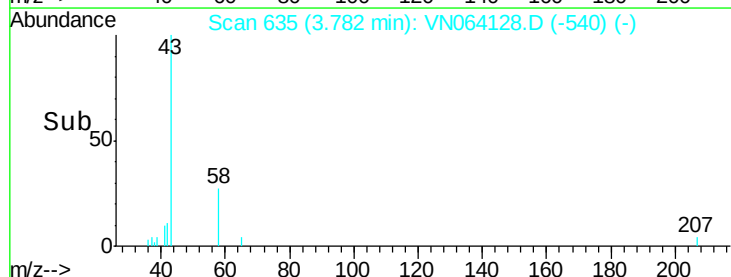
3000

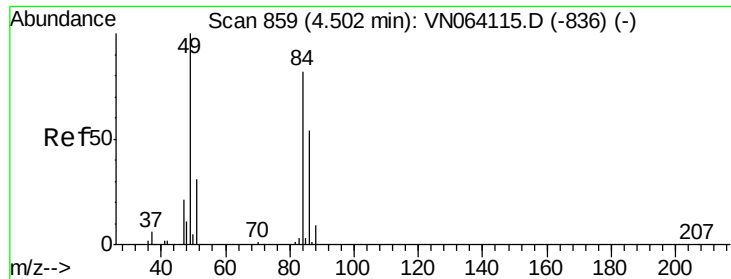
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

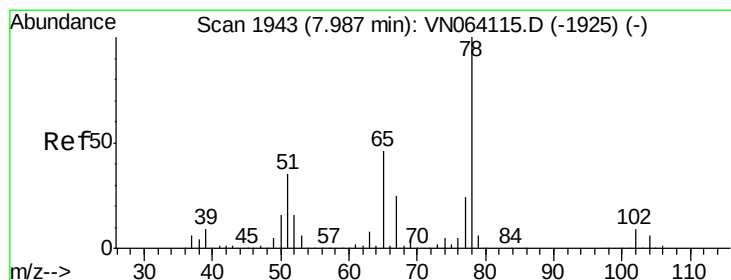
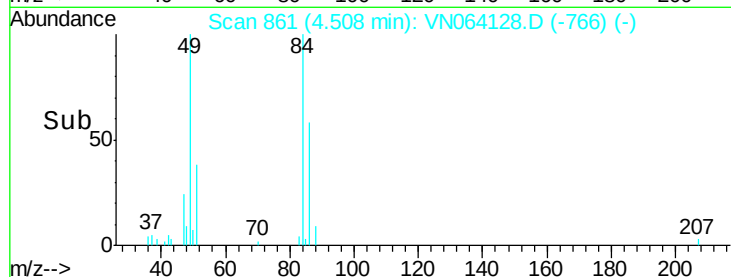
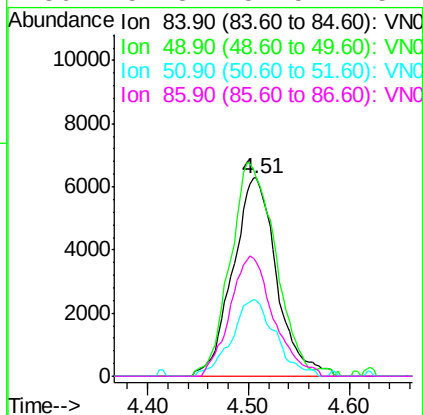
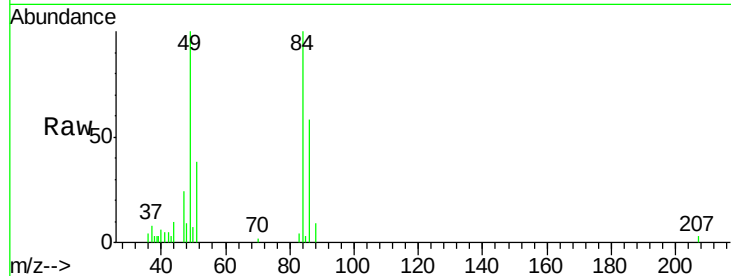




#20
Methylene Chloride
Concen: 4.943 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064128.D
Acq: 14 Oct 2020 21:43

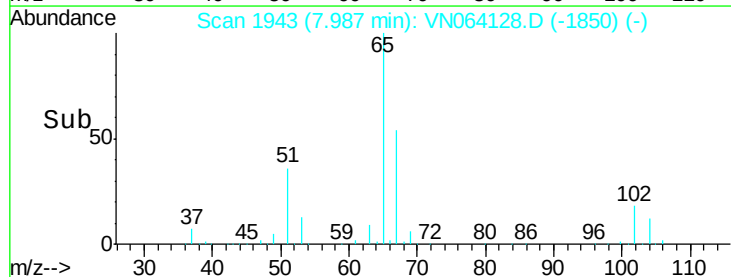
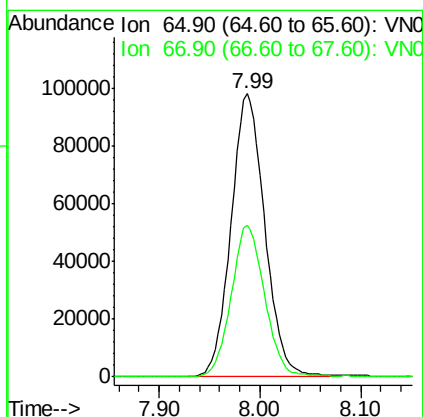
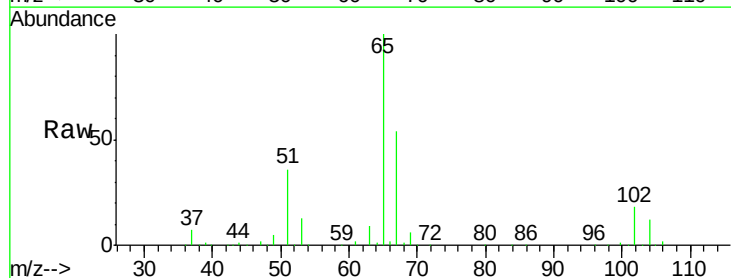
Instrument :
MSVOA_N
ClientSampled :
PB132350TB

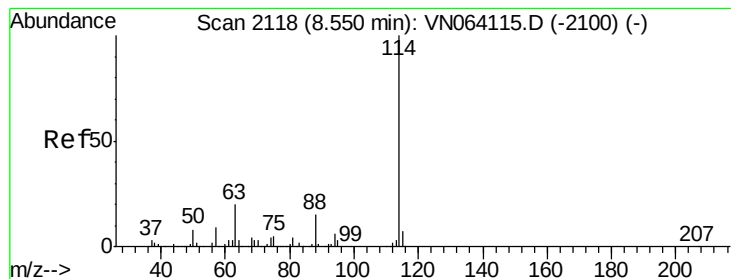
Tot Ion: 84 Resp: 18940
Ion Ratio Lower Upper
84 100
49 100.3 97.4 146.0
51 37.9 29.7 44.5
86 57.8 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 54.756 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064128.D
Acq: 14 Oct 2020 21:43

Tgt Ion: 65 Resp: 228601
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064128.D

Acq: 14 Oct 2020 21:43

Instrument :

MSVOA_N

ClientSampleId :

PB132350TB

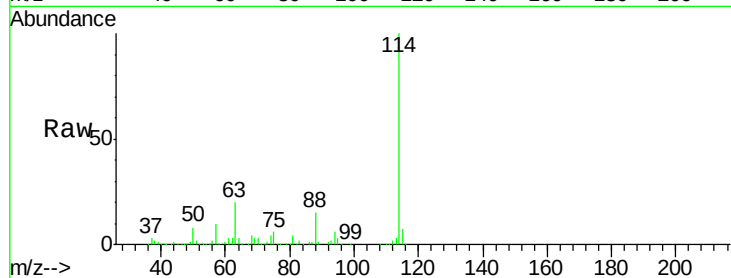
Tot Ion:114 Resp: 55518

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

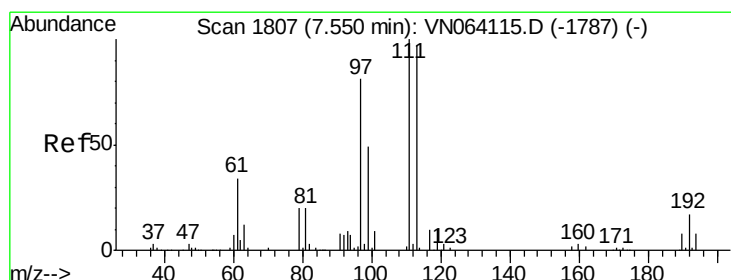
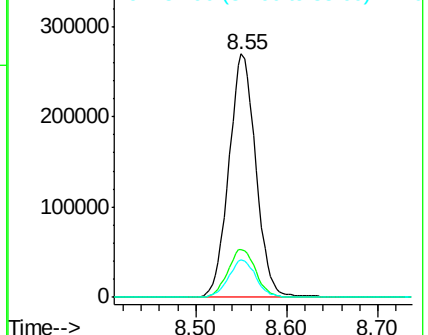
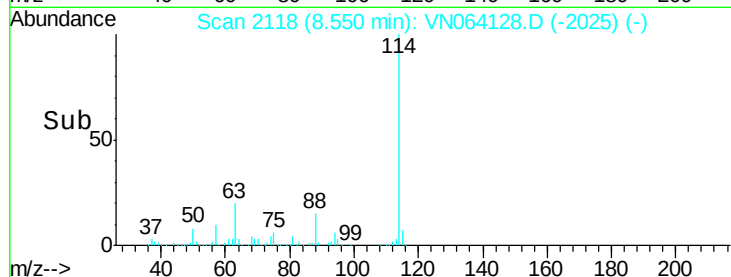
88 15.4 0.0 29.2



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: 49.966 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064128.D

Acq: 14 Oct 2020 21:43

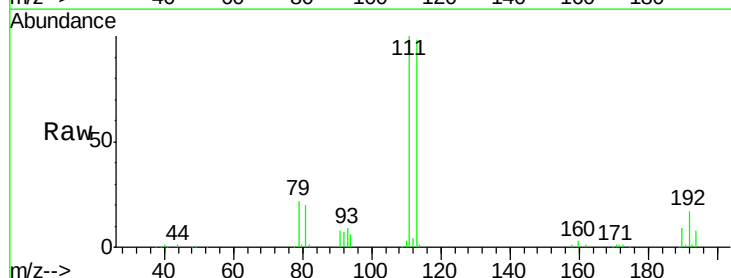
Tgt Ion:113 Resp: 192122

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

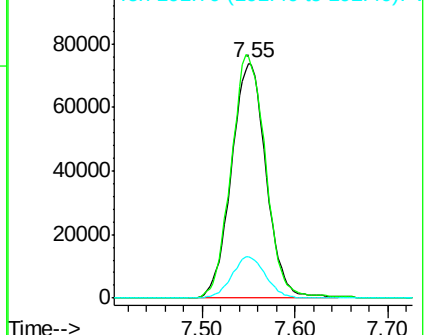
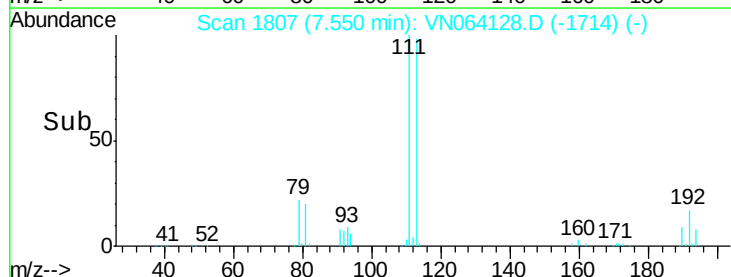
192 17.2 14.3 21.5

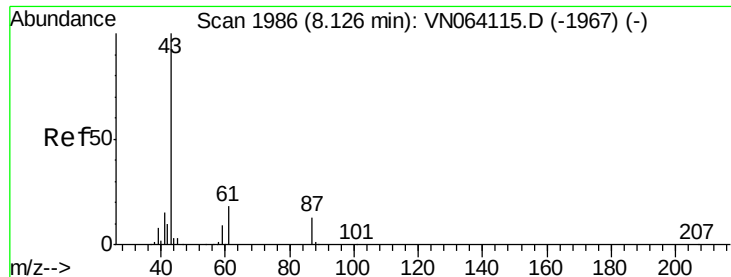


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.029 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064128.D

Acq: 14 Oct 2020 21:43

Instrument :

MSVOA_N

ClientSampleId :

PB132350TB

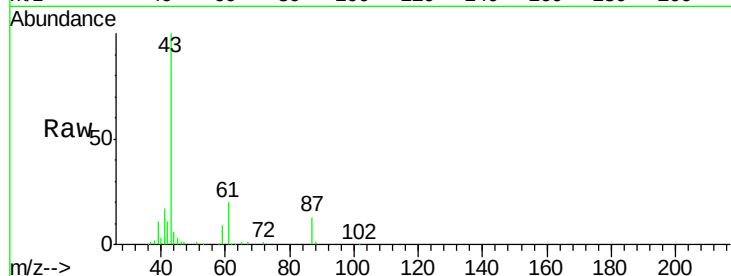
Tot Ion: 43 Resp: 86967

Ion Ratio Lower Upper

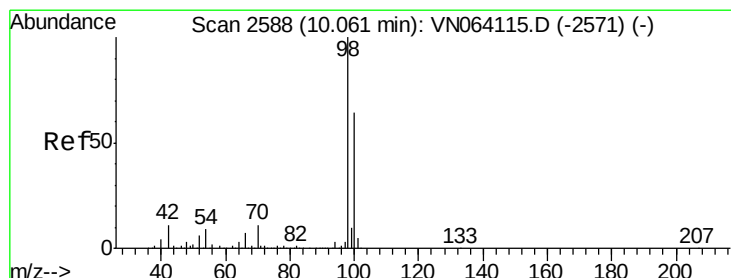
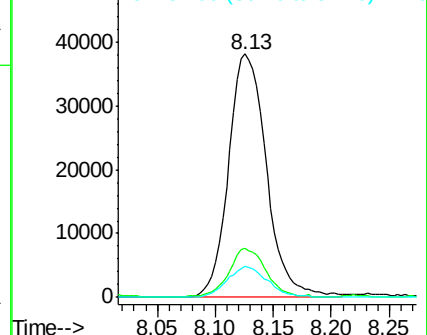
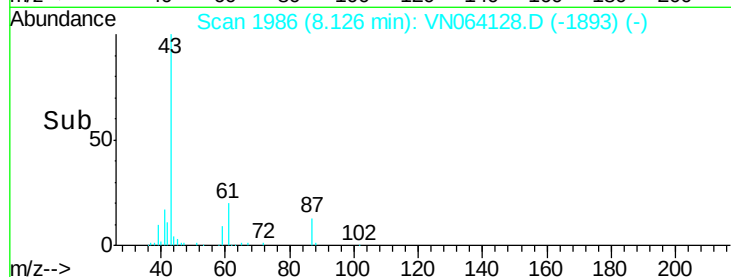
43 100

61 19.8 21.9 32.9#

87 13.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN064128.D (-1893) (-)



#50

Toluene-d8

Concen: 51.761 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064128.D

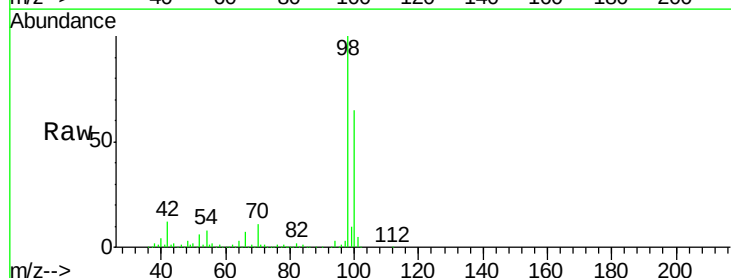
Acq: 14 Oct 2020 21:43

Tgt Ion: 98 Resp: 750946

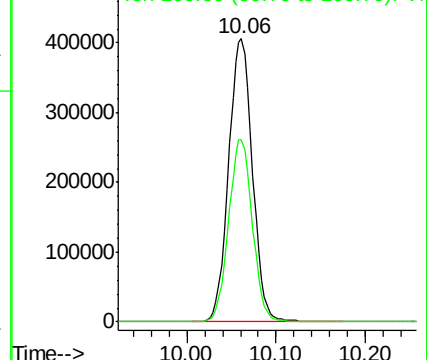
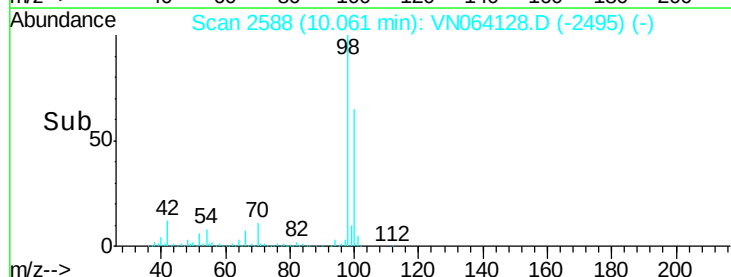
Ion Ratio Lower Upper

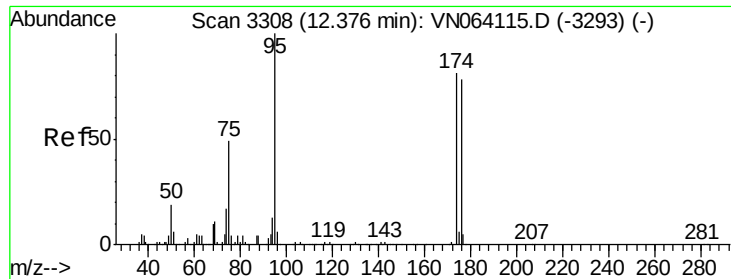
98 100

100 64.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064128.D (-2495) (-)

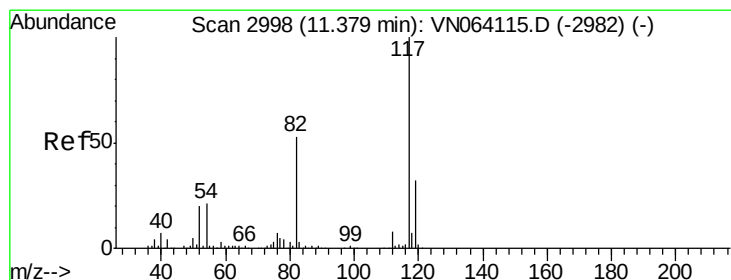
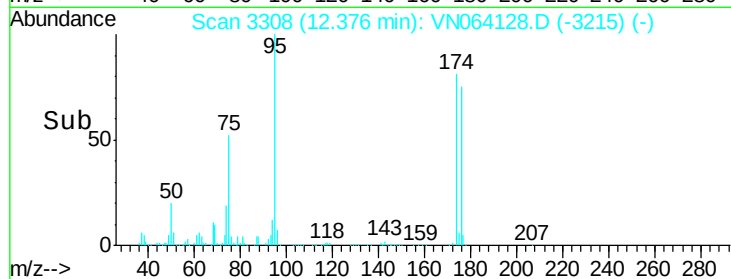
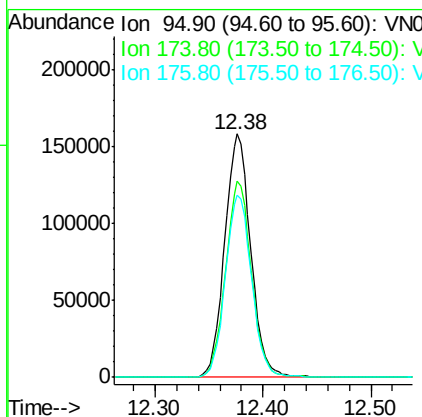
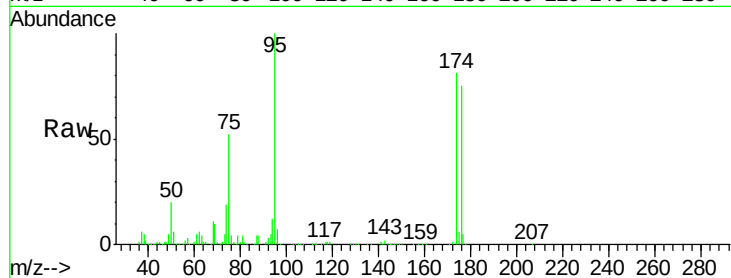




#62
4-Bromofluorobenzene
Concen: 53.209 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064128.D
Acq: 14 Oct 2020 21:43

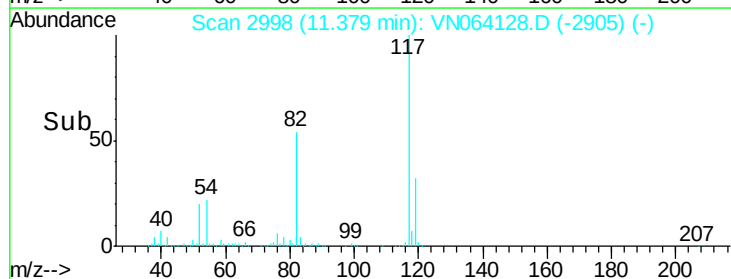
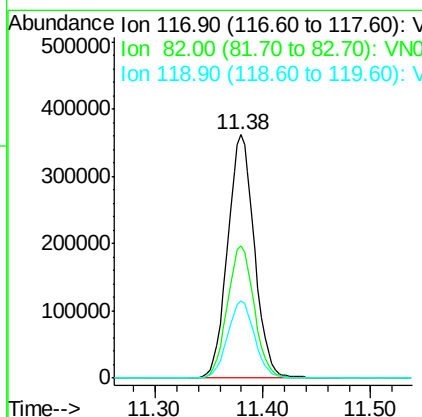
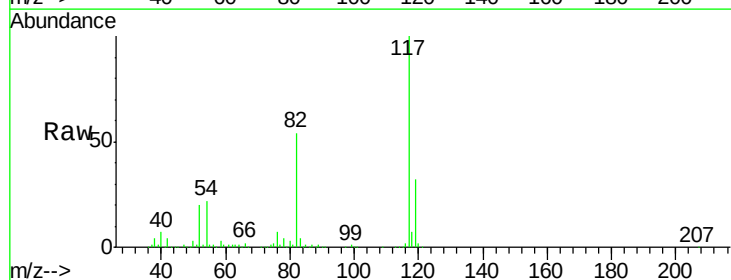
Instrument :
MSVOA_N
ClientSampleId :
PB132350TB

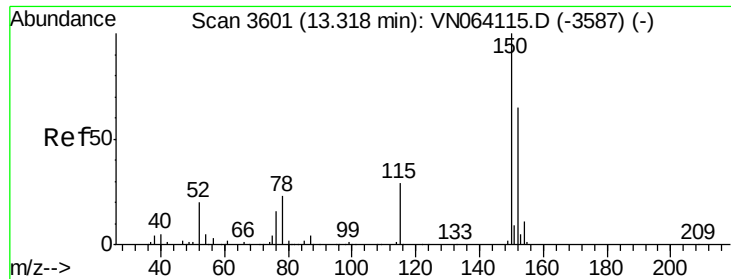
Tot Ion: 95 Resp: 265338
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.8
176 75.6 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064128.D
Acq: 14 Oct 2020 21:43

Tgt Ion: 117 Resp: 625670
Ion Ratio Lower Upper
117 100
82 54.2 42.6 63.8
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064128.D

Acq: 14 Oct 2020 21:43

Instrument :

MSVOA_N

ClientSampleId :

PB132350TB

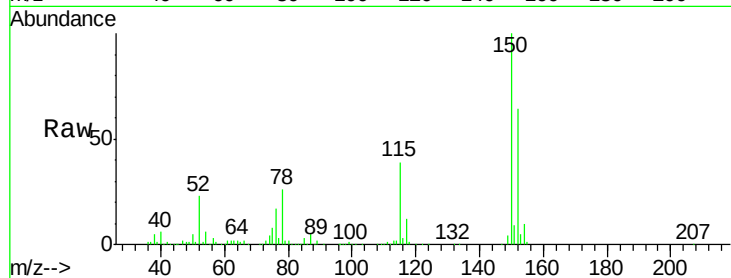
Tot Ion:152 Resp: 221018

Ion Ratio Lower Upper

152 100

115 61.2 29.3 87.8

150 161.1 0.0 346.0



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

