

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064017.D
 Acq On : 9 Oct 2020 3:40
 Operator : JC/MD
 Sample : PB132189ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#06

Quant Time: Oct 09 07:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

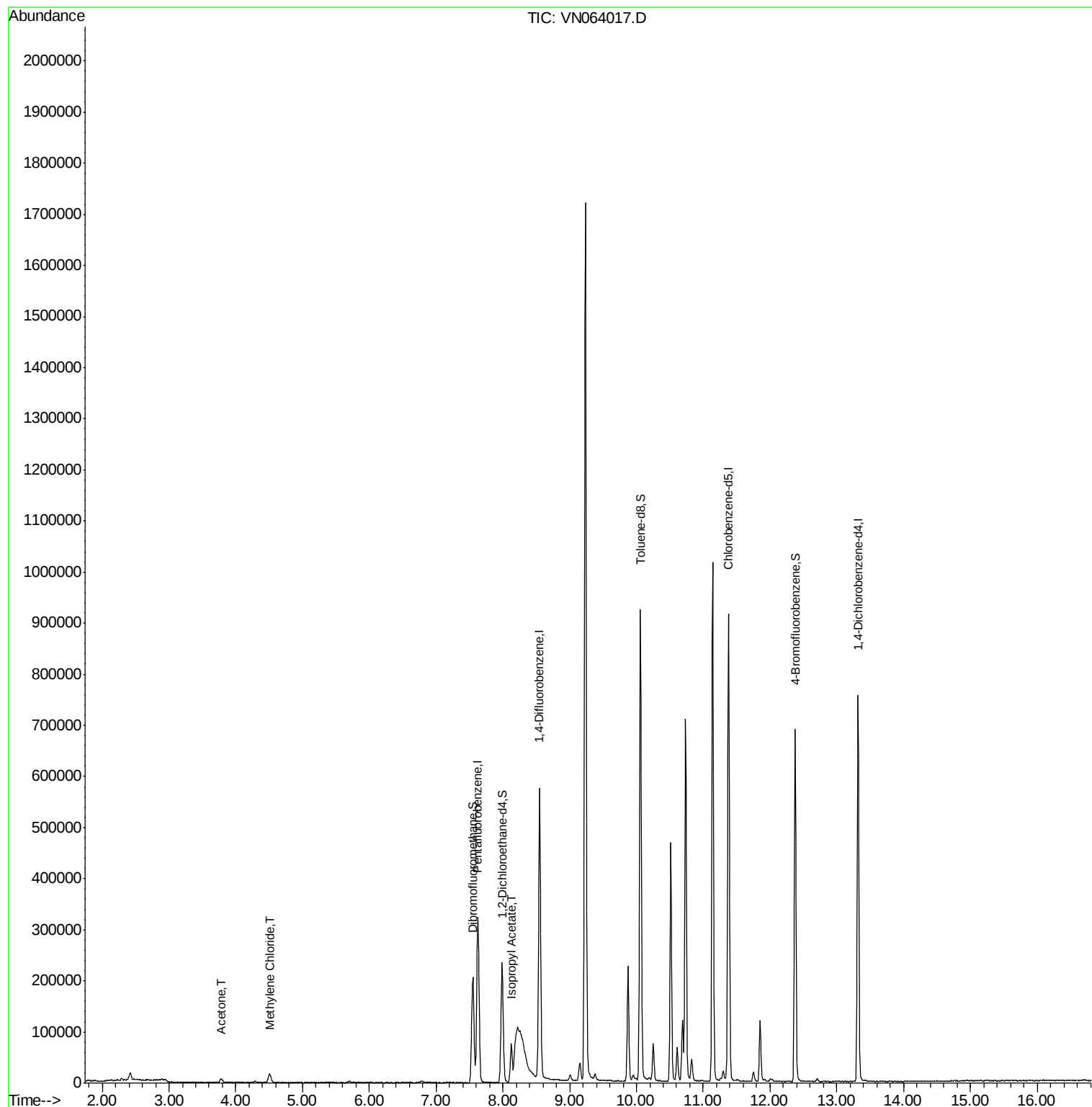
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	481084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	492791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208972	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.55	113	156239	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	10.06	98	608052	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.38	95	235435	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
Target Compounds						
16) Acetone	3.78	43	13616	10.929	ug/l	94
20) Methylene Chloride	4.50	84	11801	4.226	ug/l	95
43) Isopropyl Acetate	8.13	43	87640	10.973	ug/l	100

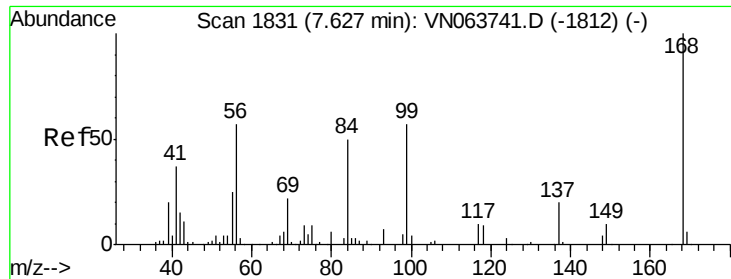
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064017.D

Acq: 9 Oct 2020 3:40

Instrument :

MSVOA_N

ClientSampleId :

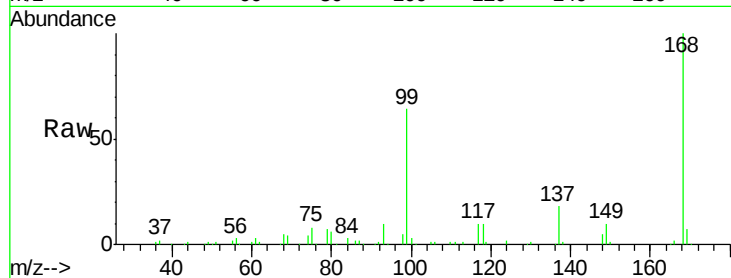
PB132189ZHE#06

Tot Ion:168 Resp: 244968

Ion Ratio Lower Upper

168 100

99 63.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

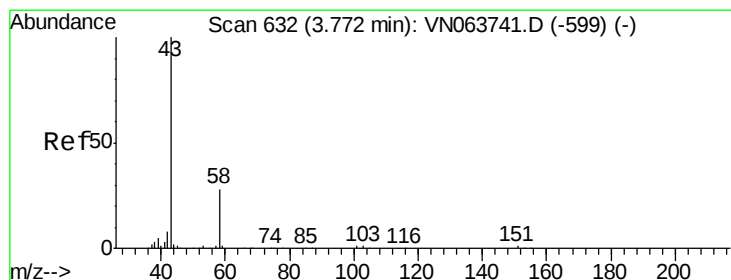
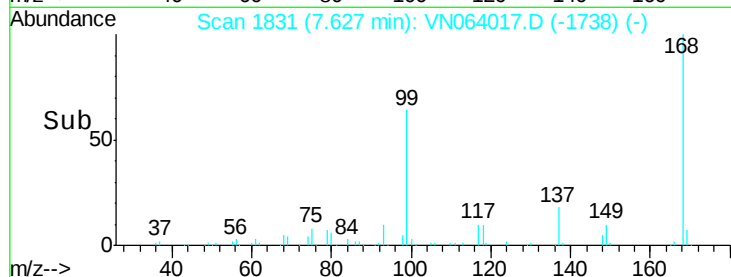
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.929 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064017.D

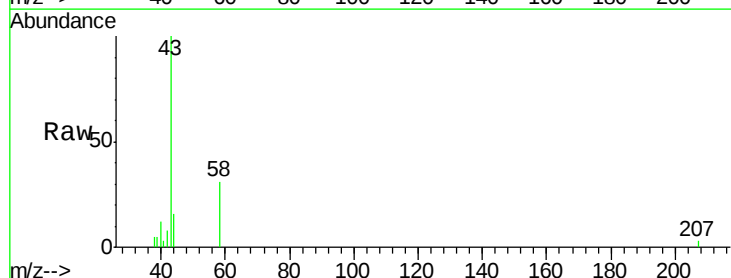
Acq: 9 Oct 2020 3:40

Tgt Ion: 43 Resp: 13616

Ion Ratio Lower Upper

43 100

58 30.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

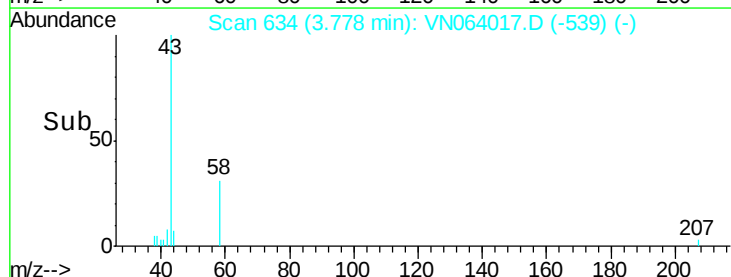
3000

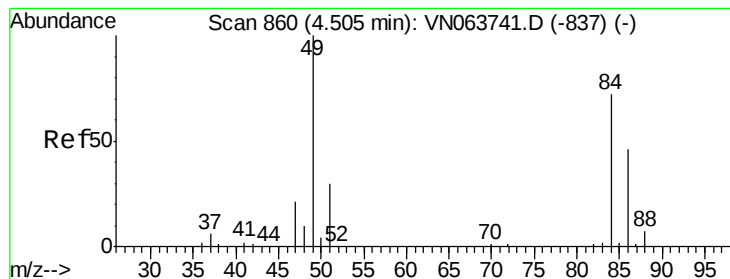
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methvlene Chloride

Concen: 4.226 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064017.D

Acq: 9 Oct 2020 3:40

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#06

Tot Ion: 84 Resp: 11801

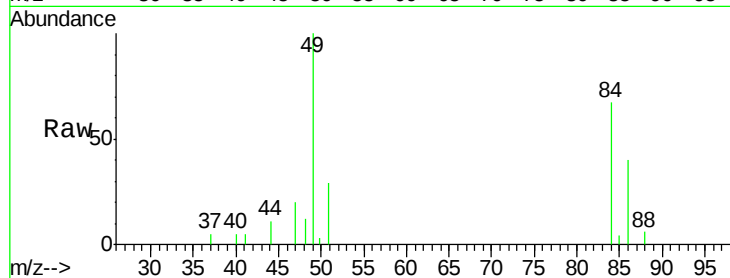
Ion Ratio Lower Upper

84 100

49 146.2 110.4 165.6

51 44.0 33.3 49.9

86 60.8 50.7 76.1

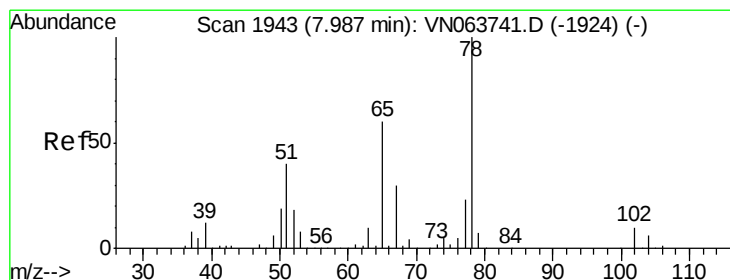
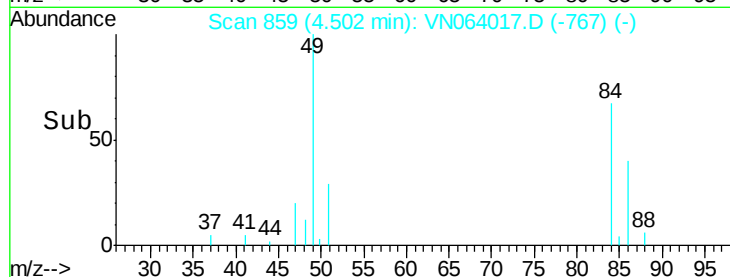
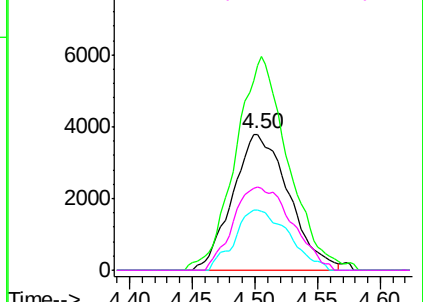


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 51.636 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064017.D

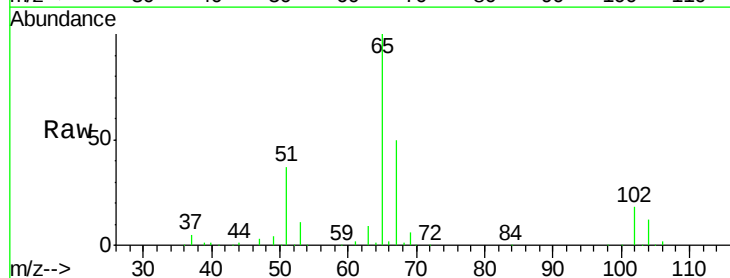
Acq: 9 Oct 2020 3:40

Tgt Ion: 65 Resp: 208972

Ion Ratio Lower Upper

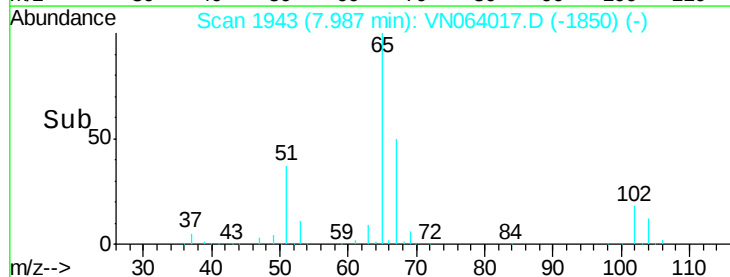
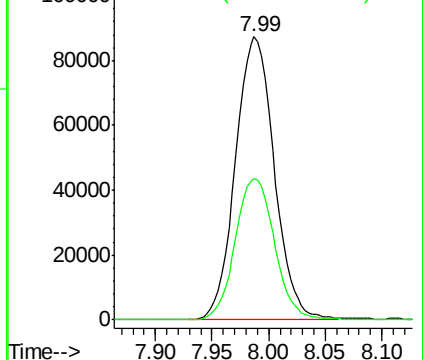
65 100

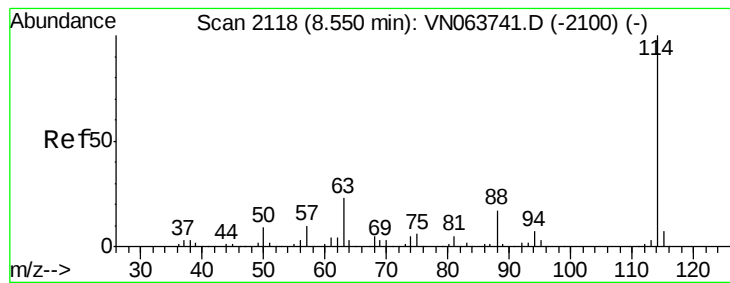
67 50.9 0.0 99.6



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: VN064017.D

Acq: 9 Oct 2020 3:40

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#06

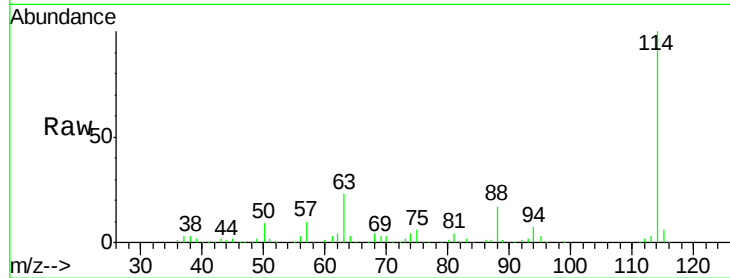
Tot Ion:114 Resp: 481084

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

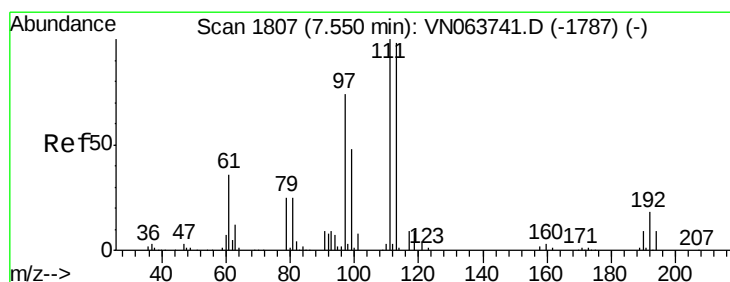
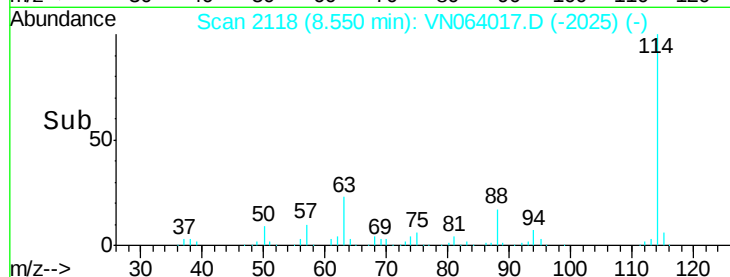
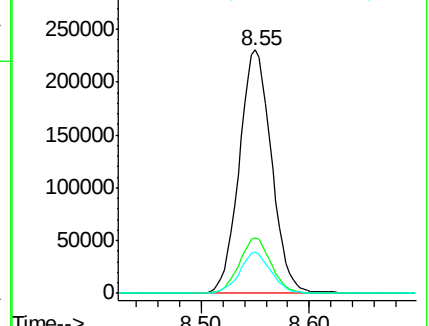
88 16.8 0.0 34.0



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: 46.804 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064017.D

Acq: 9 Oct 2020 3:40

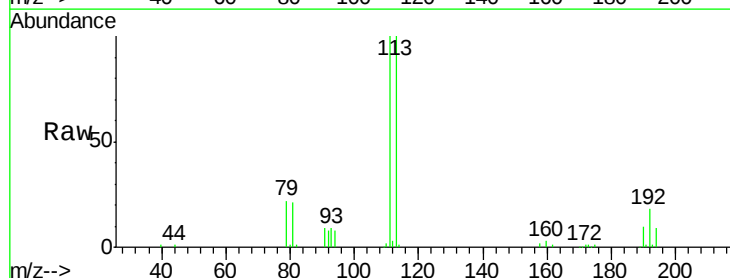
Tgt Ion:113 Resp: 156239

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

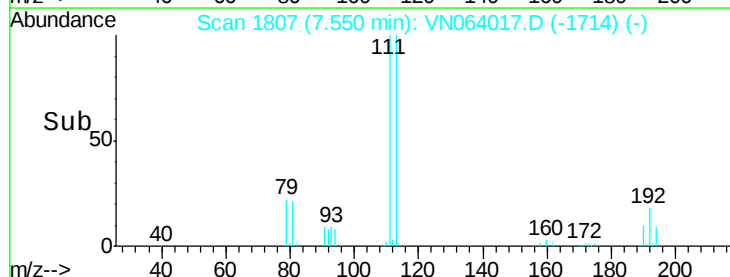
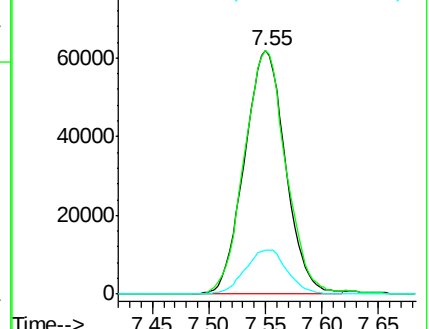
192 18.5 14.2 21.2

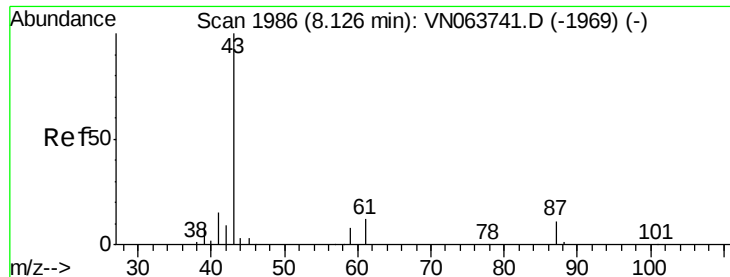


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



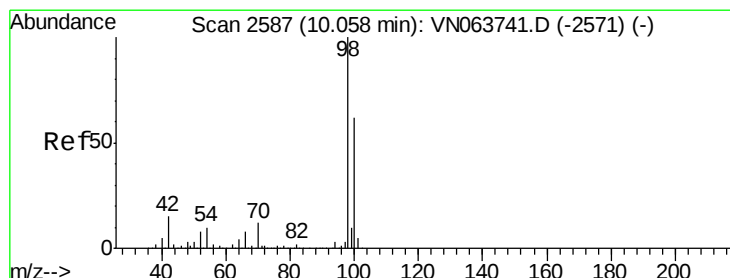
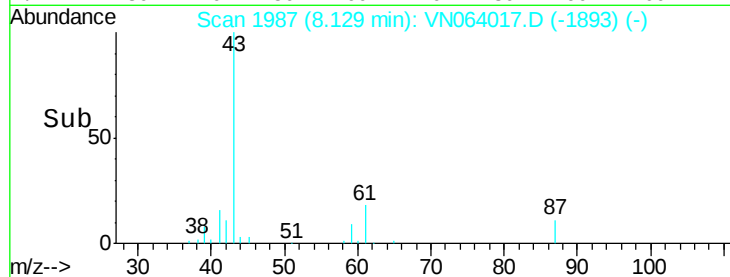
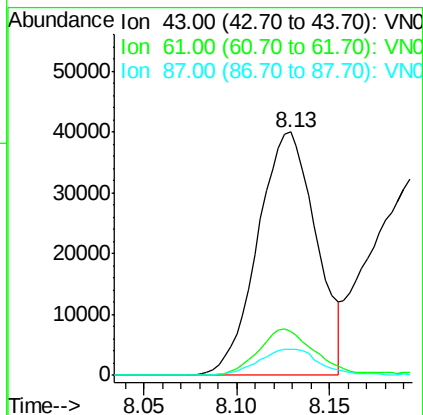
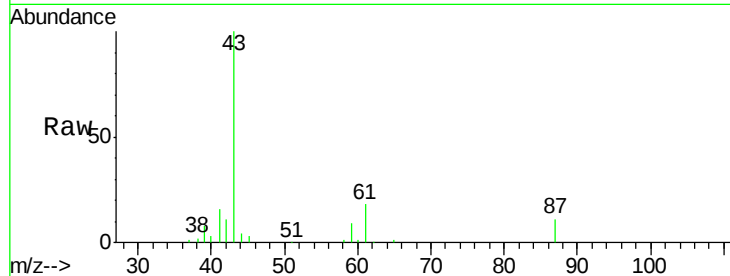


#43

Isopropyl Acetate
 Concen: 10.973 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064017.D
 Acq: 9 Oct 2020 3:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#06

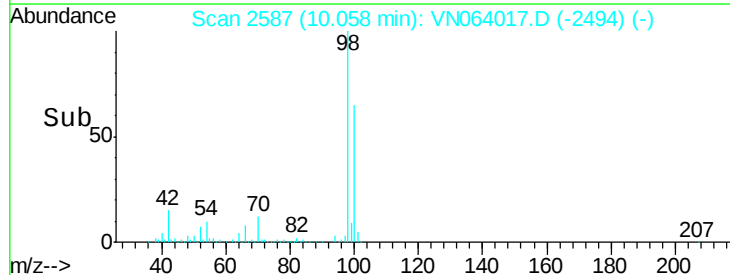
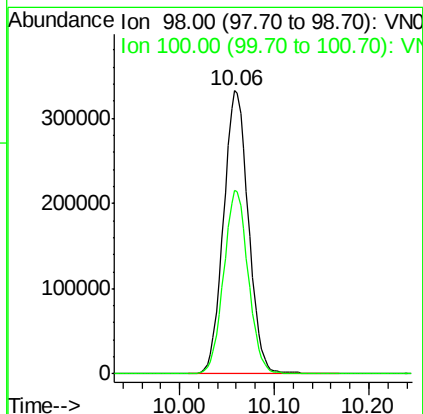
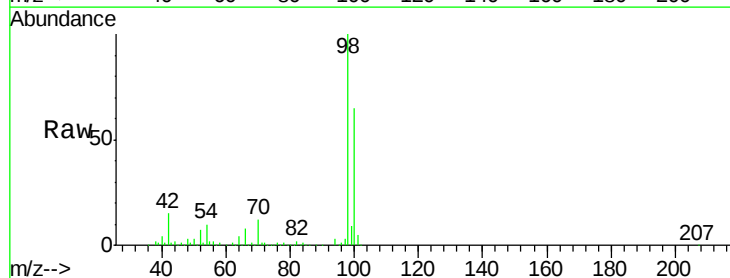
Tot Ion	43	Resp	87640
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.2	21.4
87	11.3	9.0	13.6

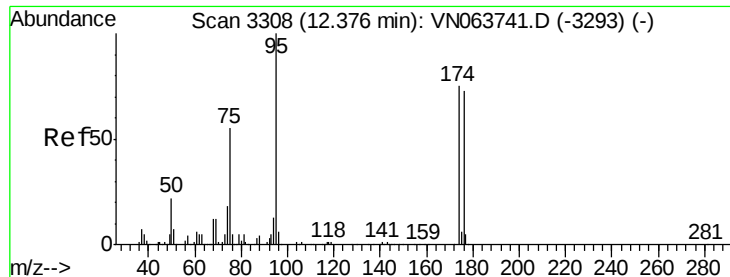


#50

Toluene-d8
 Concen: 48.050 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064017.D
 Acq: 9 Oct 2020 3:40

Tgt Ion	98	Resp	608052
Ion Ratio	Lower	Upper	
98	100		
100	63.9	49.8	74.6

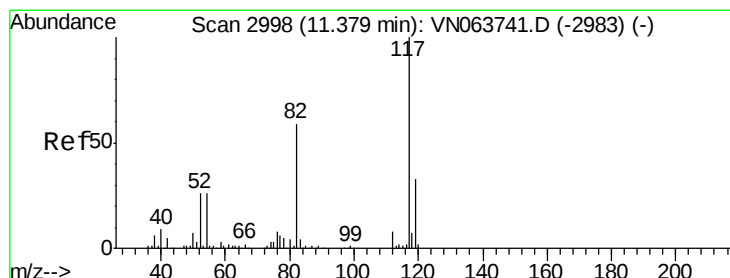
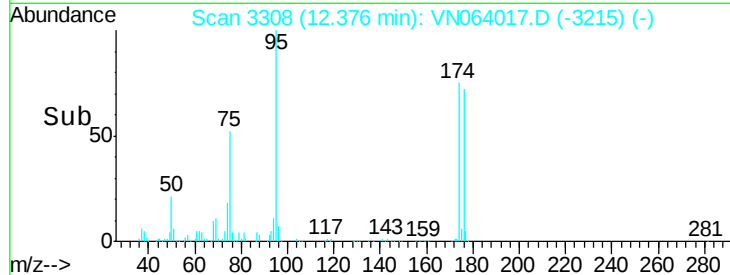
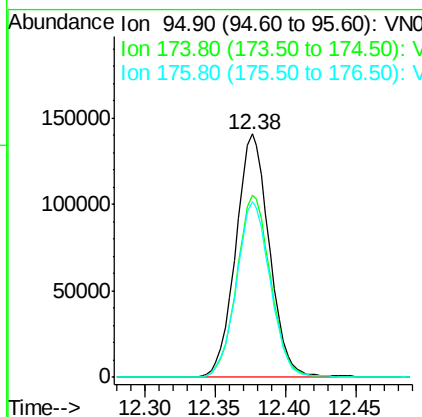
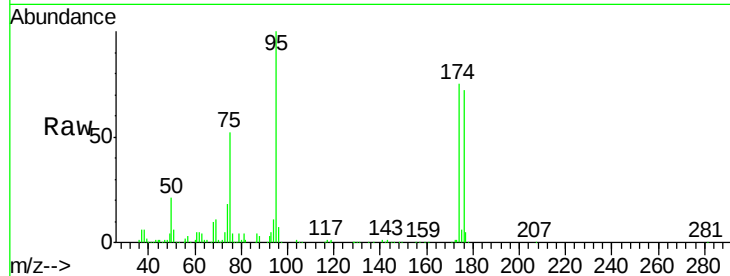




#62
 4-Bromofluorobenzene
 Concen: 49.493 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064017.D
 Acq: 9 Oct 2020 3:40

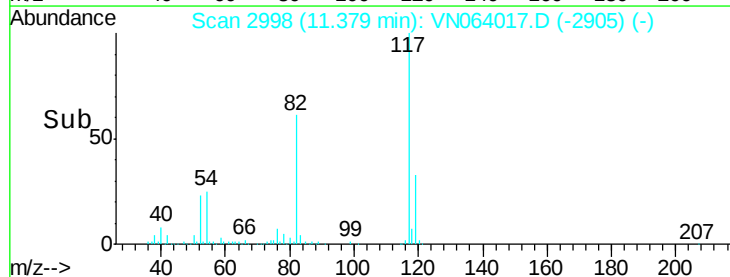
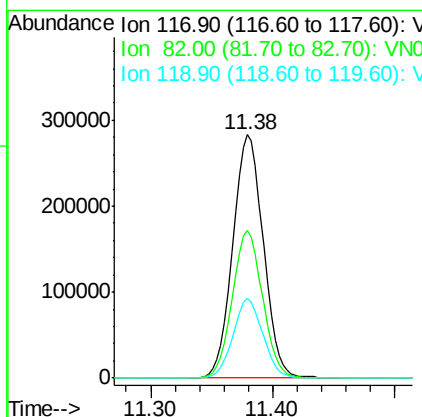
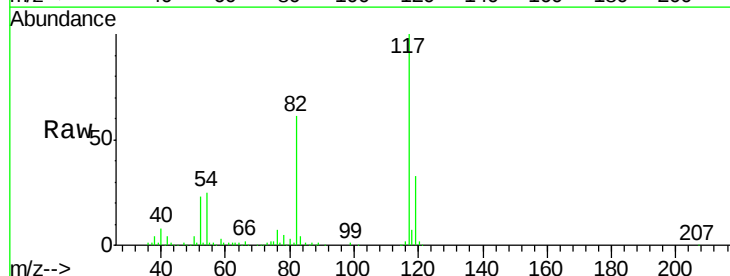
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#06

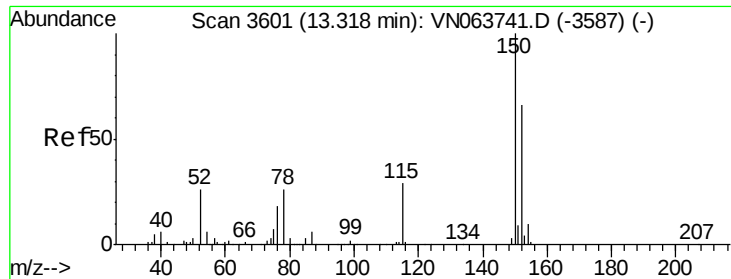
Tot Ion: 95 Resp: 235435
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.6
 176 72.7 0.0 145.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064017.D
 Acq: 9 Oct 2020 3:40

Tgt Ion: 117 Resp: 492791
 Ion Ratio Lower Upper
 117 100
 82 60.7 47.4 71.2
 119 32.6 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064017.D

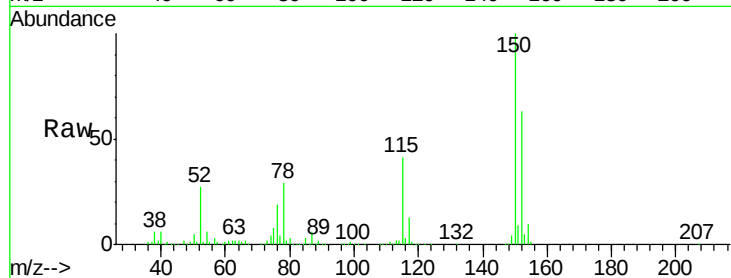
Acq: 9 Oct 2020 3:40

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#06



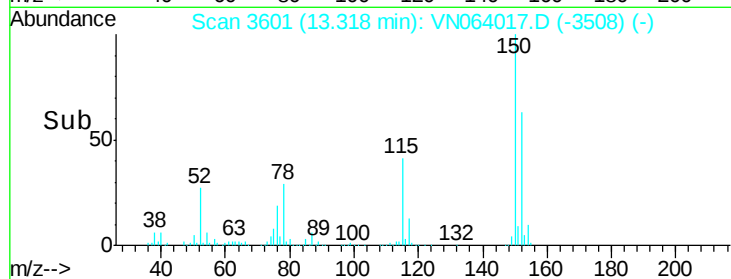
Tot Ion:152 Resp: 190625

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

150 157.1 0.0 341.8



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

