

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063965.D
 Acq On : 8 Oct 2020 1:41
 Operator : JC/MD
 Sample : PB132153ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132153ZHE#01

Quant Time: Oct 08 06:35:33 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

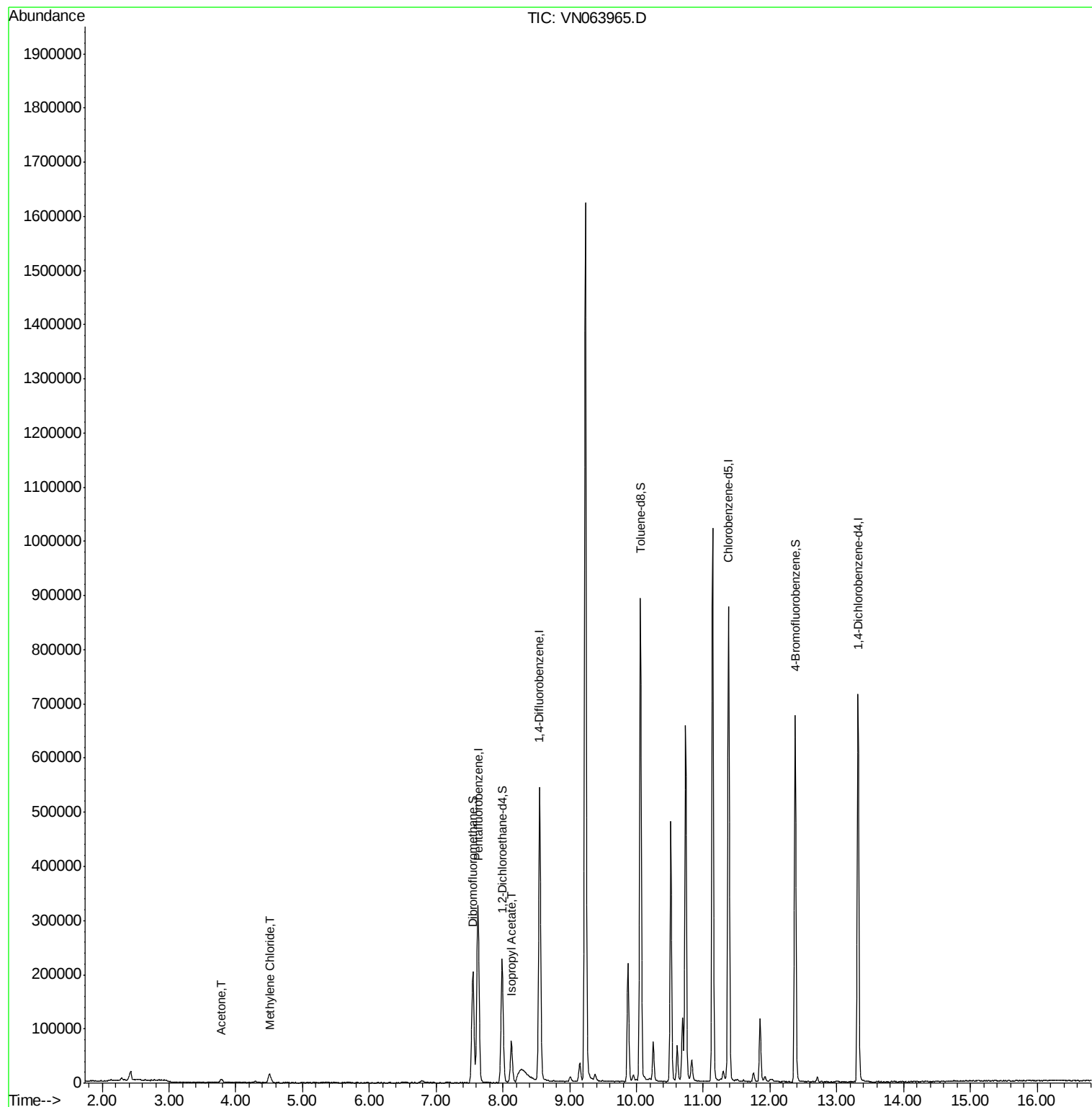
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	470766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205758	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	7.55	113	150747	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.06	98	582480	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.38	95	223077	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
16) Acetone	3.78	43	11838	9.559	ug/l	91
20) Methylene Chloride	4.50	84	10928	3.943	ug/l	96
43) Isopropyl Acetate	8.13	43	90977	12.134	ug/l	99

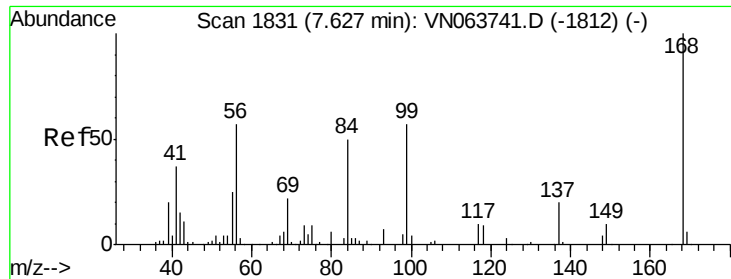
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063965.D

Acq: 8 Oct 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

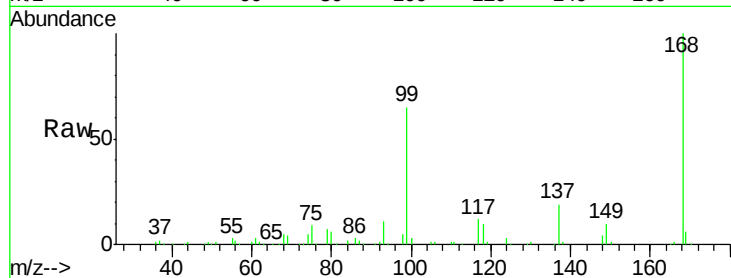
PB132153ZHE#01

Tot Ion:168 Resp: 243521

Ion Ratio Lower Upper

168 100

99 64.8 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

120000

100000

80000

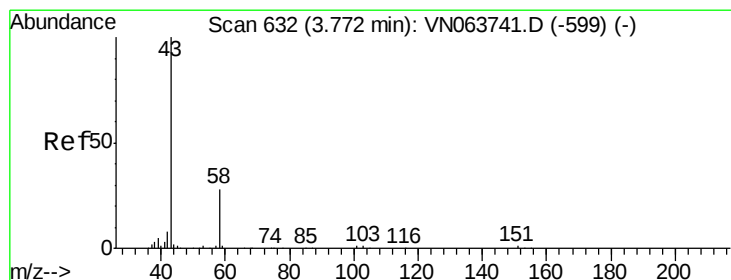
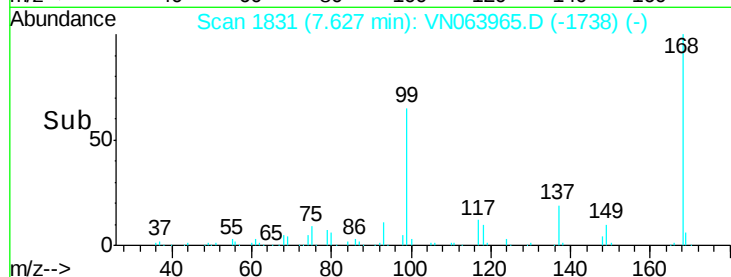
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.559 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063965.D

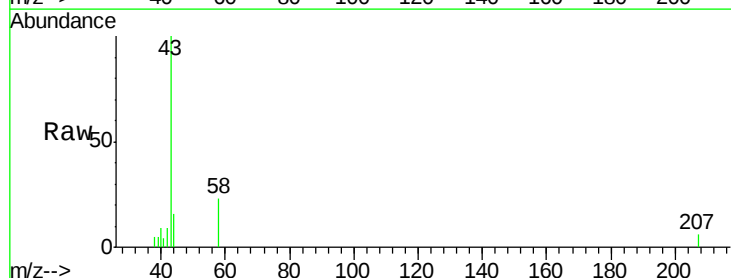
Acq: 8 Oct 2020 1:41

Tgt Ion: 43 Resp: 11838

Ion Ratio Lower Upper

43 100

58 23.3 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

4000

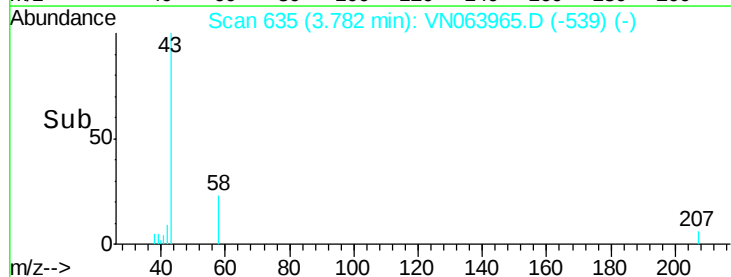
3000

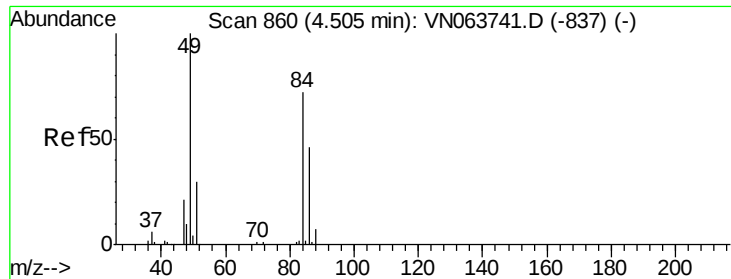
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

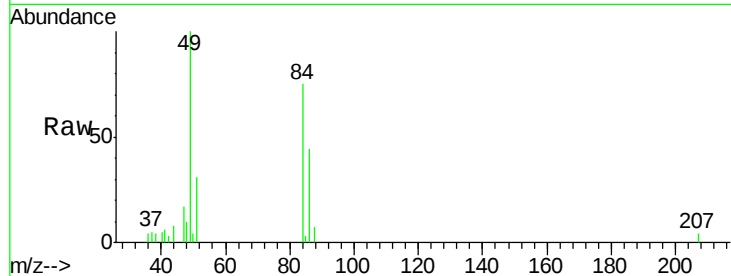




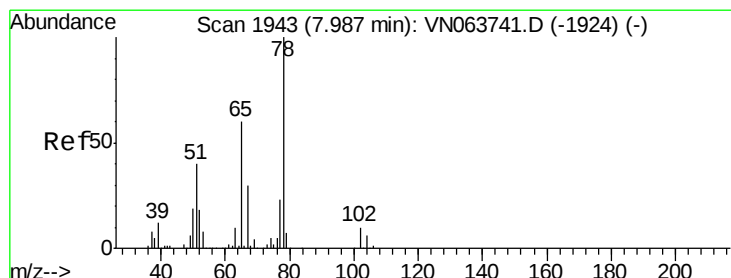
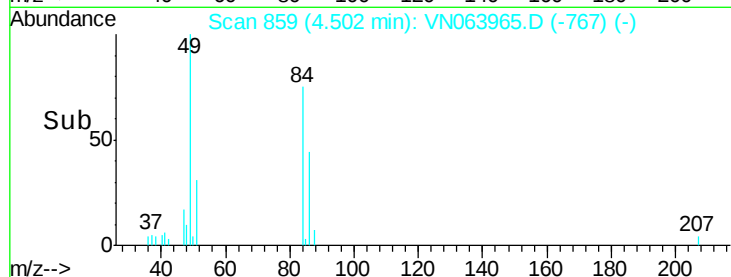
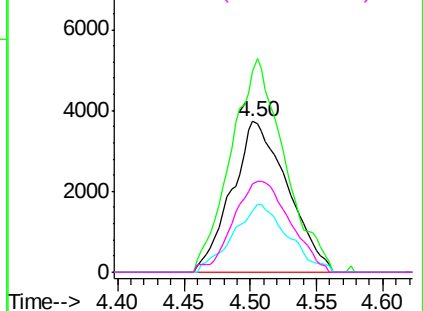
#20
Methylene Chloride
Concen: 3.943 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063965.D
Acq: 8 Oct 2020 1:41

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#01

Tot Ion: 84 Resp: 10928
Ion Ratio Lower Upper
84 100
49 133.3 110.4 165.6
51 40.9 33.3 49.9
86 58.3 50.7 76.1

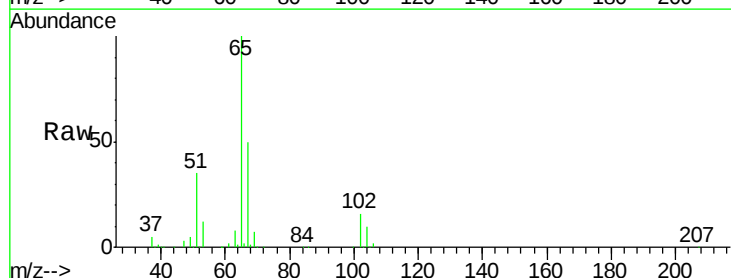


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

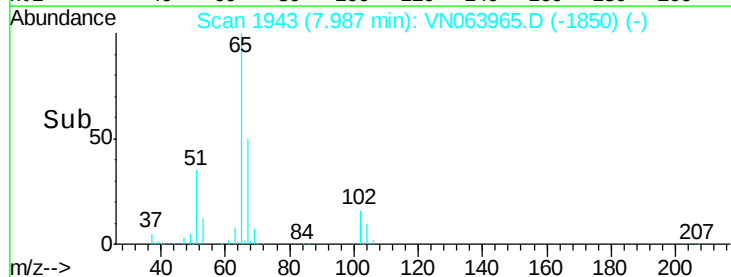
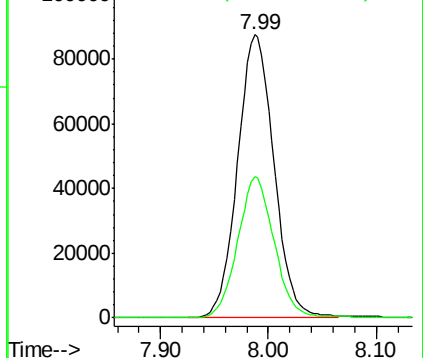


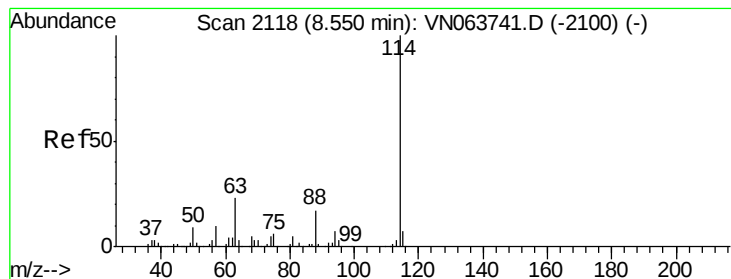
#33
1,2-Dichloroethane-d4
Concen: 51.144 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063965.D
Acq: 8 Oct 2020 1:41

Tgt Ion: 65 Resp: 205758
Ion Ratio Lower Upper
65 100
67 49.6 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: VN063965.D

Acq: 8 Oct 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB132153ZHE#01

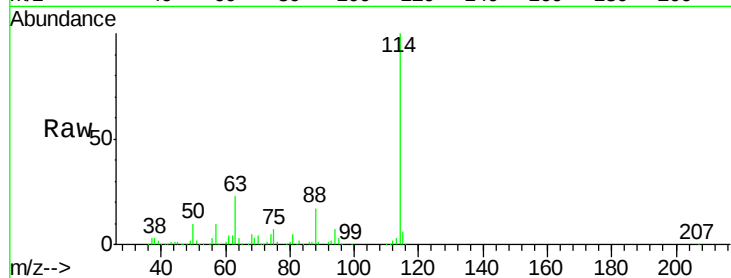
Tot Ion:114 Resp: 451599

Ion Ratio Lower Upper

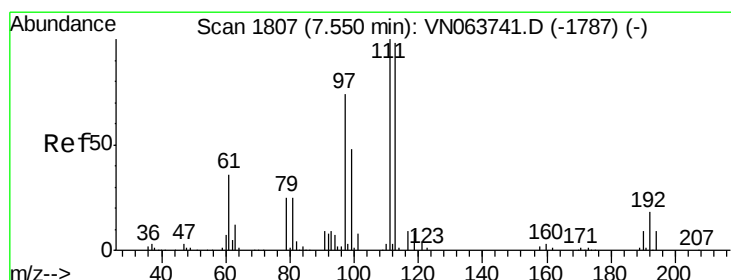
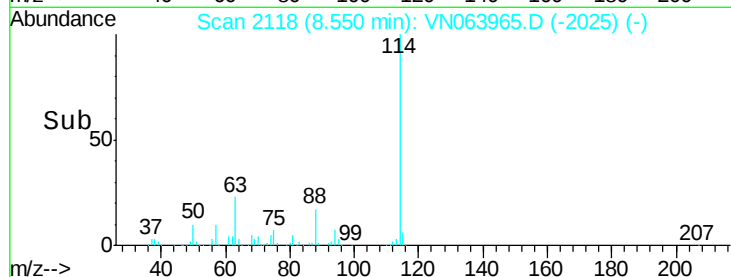
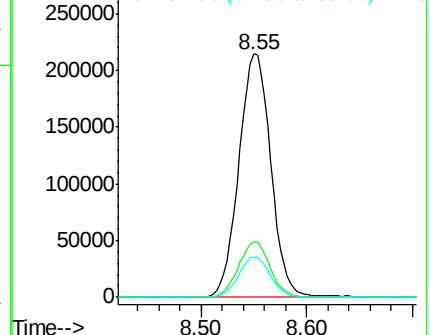
114 100

63 22.7 0.0 45.0

88 16.7 0.0 34.0



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



#35

Dibromofluoromethane

Concen: 48.108 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063965.D

Acq: 8 Oct 2020 1:41

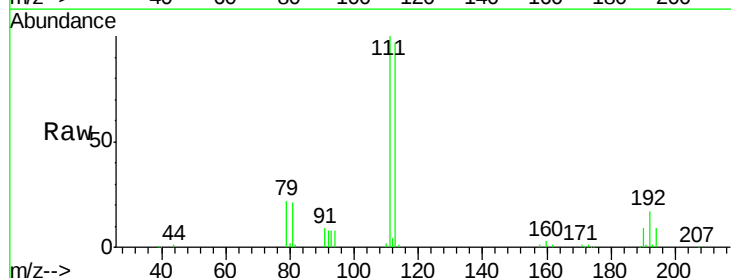
Tgt Ion:113 Resp: 150747

Ion Ratio Lower Upper

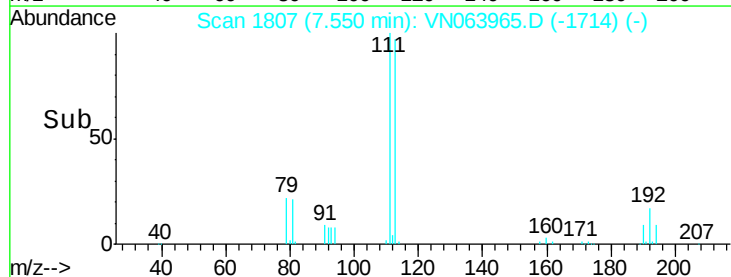
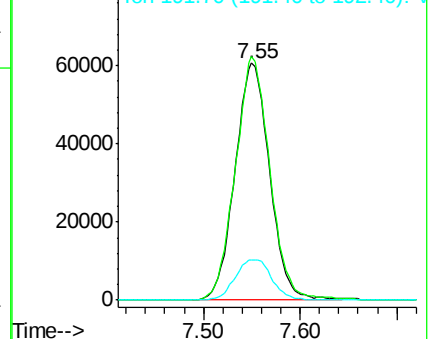
113 100

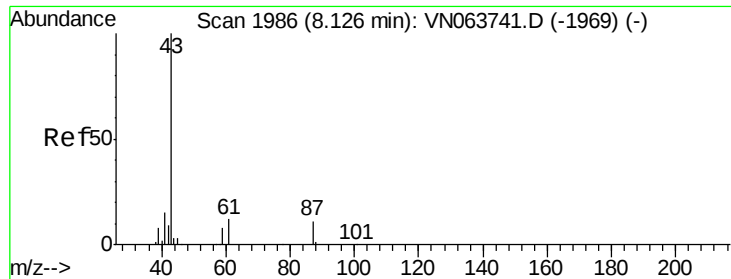
111 102.9 81.8 122.8

192 18.0 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



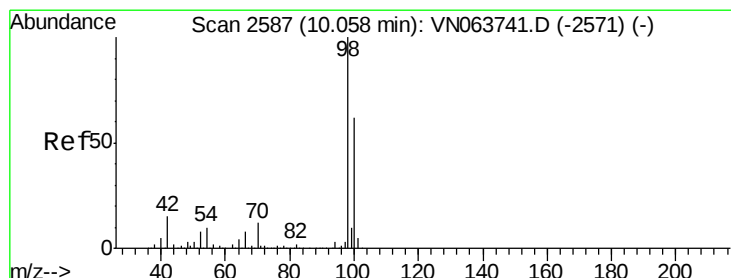
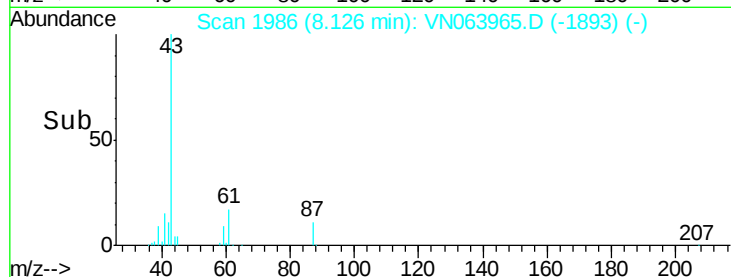
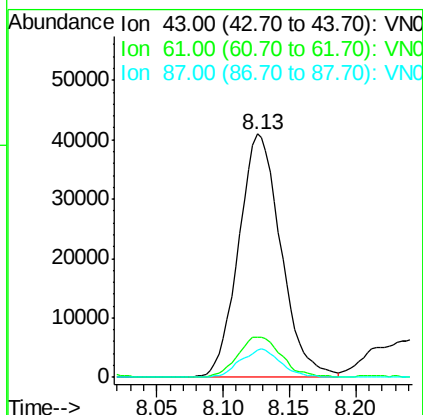
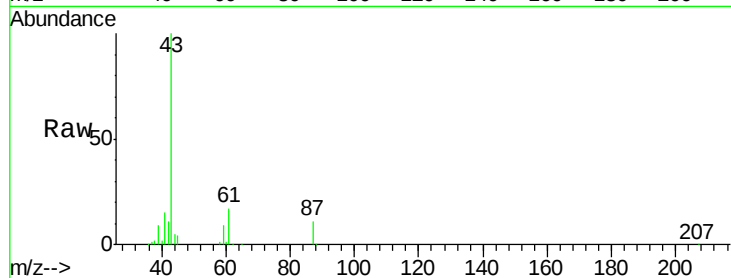


#43

Isopropyl Acetate
 Concen: 12.134 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063965.D
 Acq: 8 Oct 2020 1:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132153ZHE#01

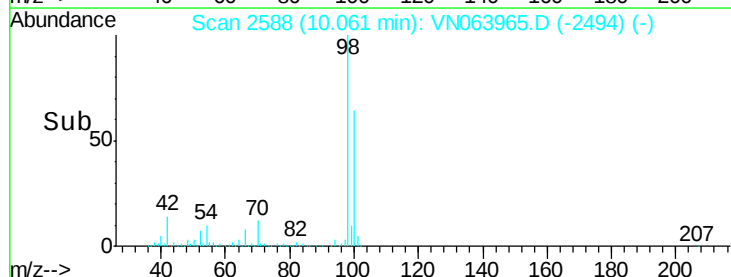
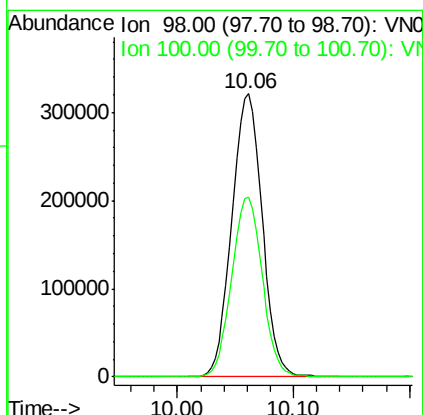
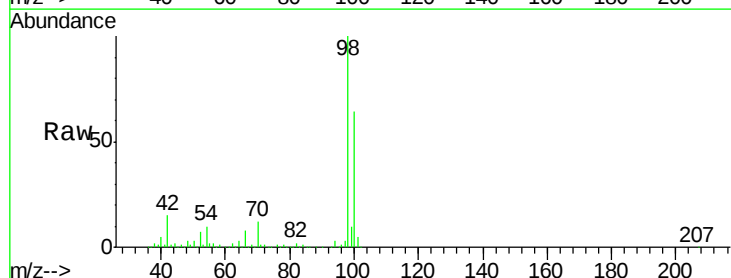
Tot Ion	43	Resp	90977
Ion Ratio	Lower	Upper	
43	100		
61	17.4	14.2	21.4
87	11.0	9.0	13.6

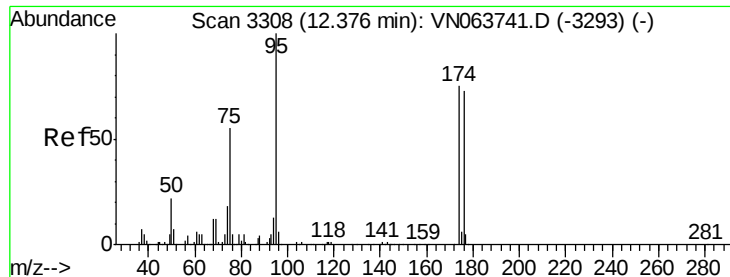


#50

Toluene-d8
 Concen: 49.035 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063965.D
 Acq: 8 Oct 2020 1:41

Tgt Ion	98	Resp	582480
Ion Ratio	Lower	Upper	
98	100		
100	64.0	49.8	74.6

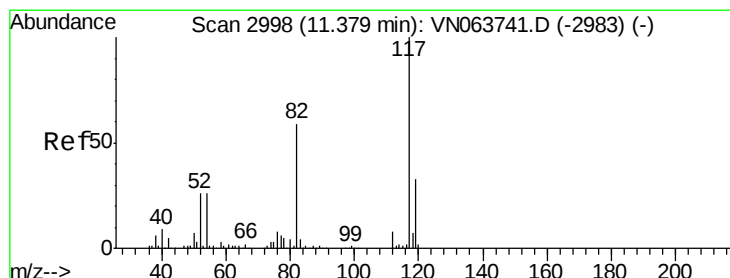
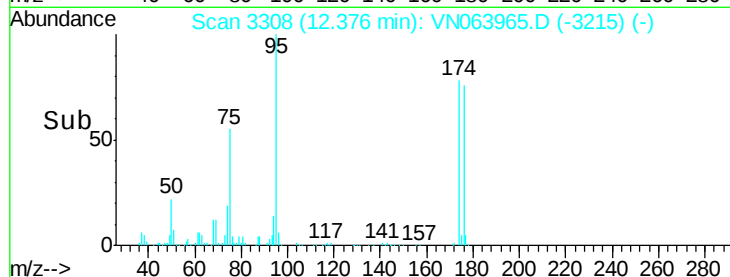
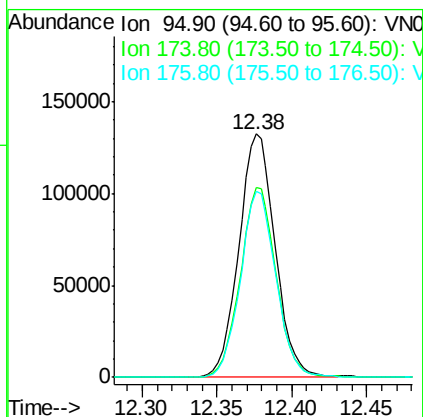
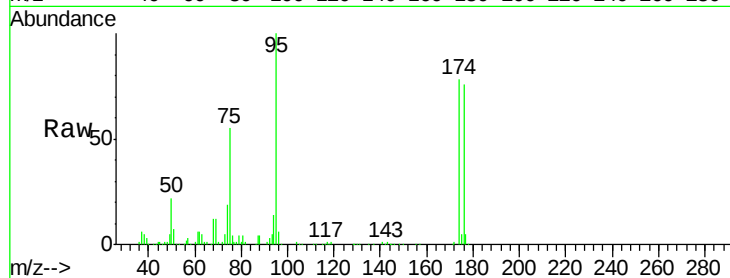




#62
4-Bromofluorobenzene
Concen: 49.957 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063965.D
Acq: 8 Oct 2020 1:41

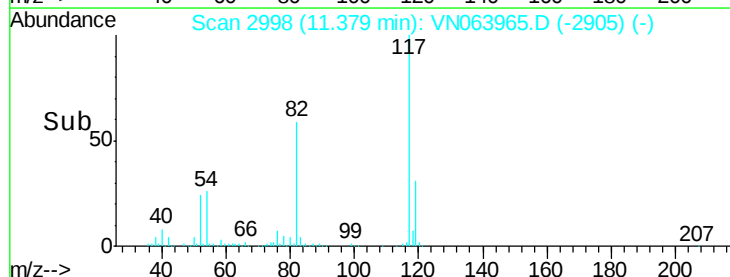
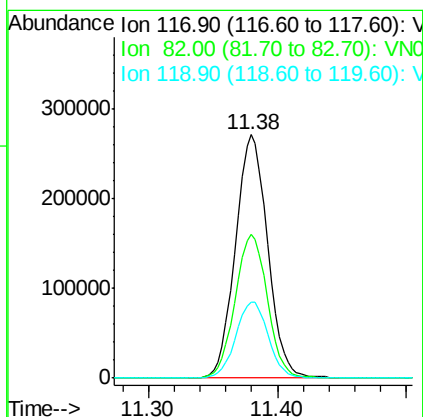
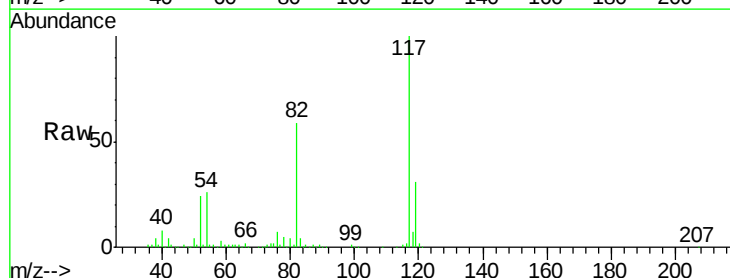
Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#01

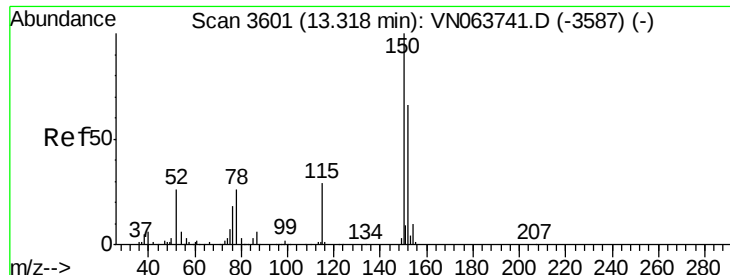
Tot Ion: 95 Resp: 223077
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.6
176 74.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063965.D
Acq: 8 Oct 2020 1:41

Tgt Ion: 117 Resp: 470766
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.3 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: VN063965.D

Acq: 8 Oct 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB132153ZHE#01

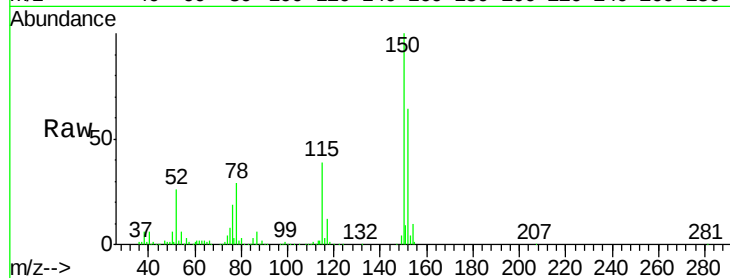
Tot Ion:152 Resp: 187001

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 153.6 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

