

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062833.D
 Acq On : 11 Aug 2020 16:43
 Operator : JC/MD
 Sample : PB130875ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875ZHE#18

Quant Time: Aug 11 21:33:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

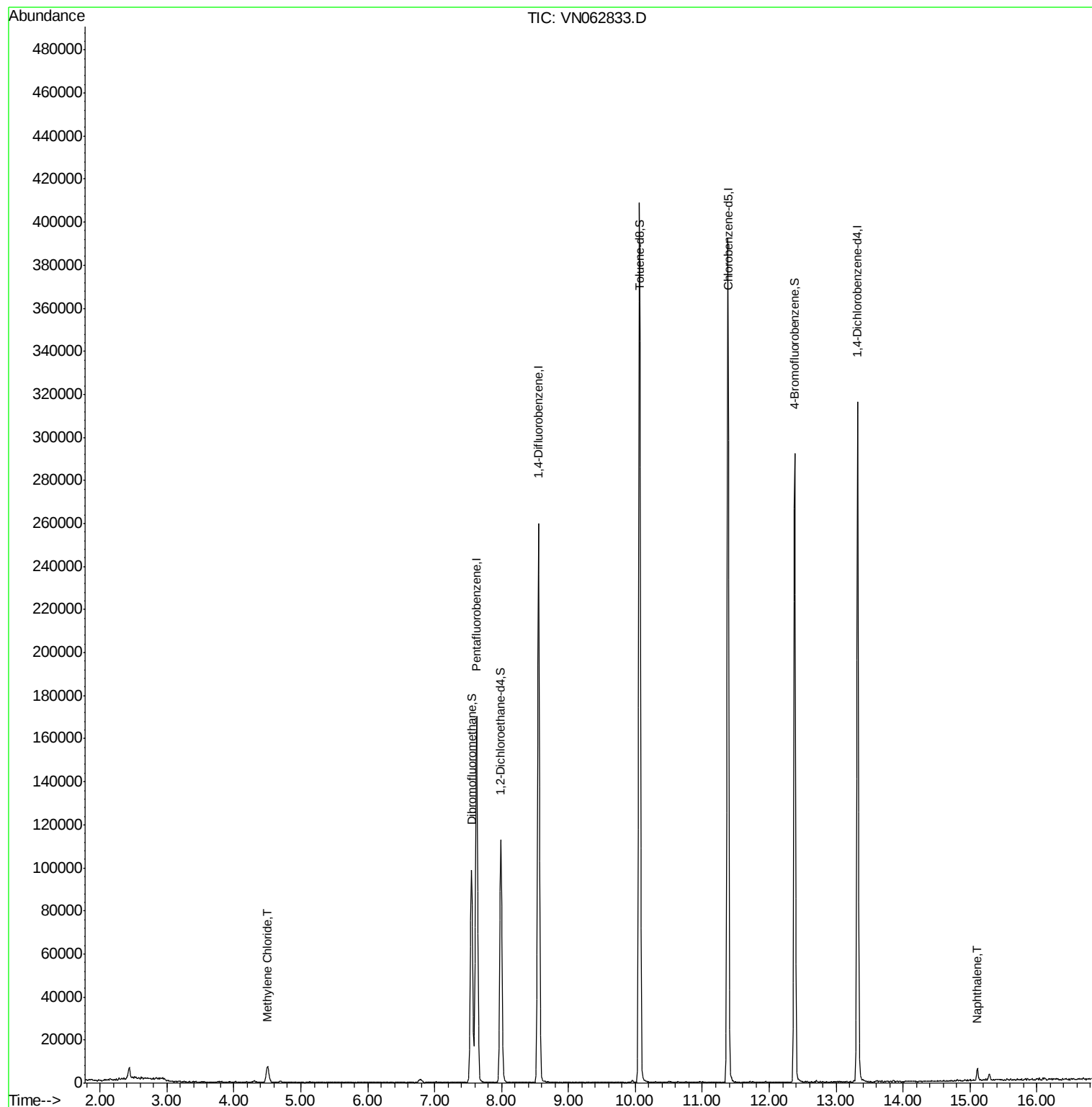
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	128114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	219742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	218159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106305	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	7.55	113	75361	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.06	98	281741	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.38	95	103669	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
20) Methylene Chloride	4.50	84	5977	3.560	ug/l #	85
95) Naphthalene	15.11	128	6180	5.215	ug/l #	97

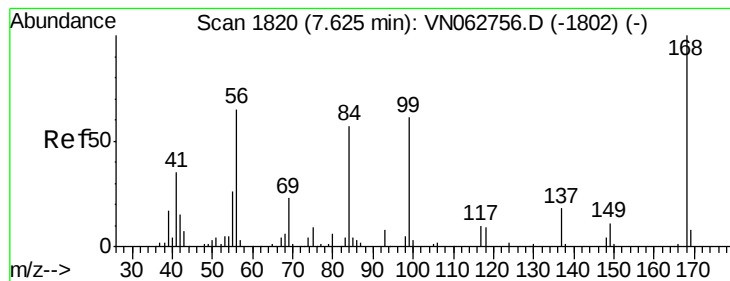
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062833.D

Acq: 11 Aug 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

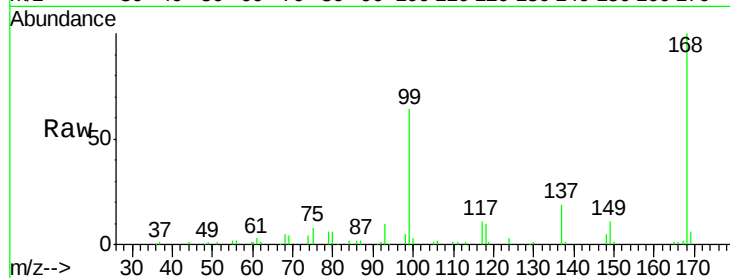
PB130875ZHE#18

Tot Ion:168 Resp: 128114

Ion Ratio Lower Upper

168 100

99 64.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

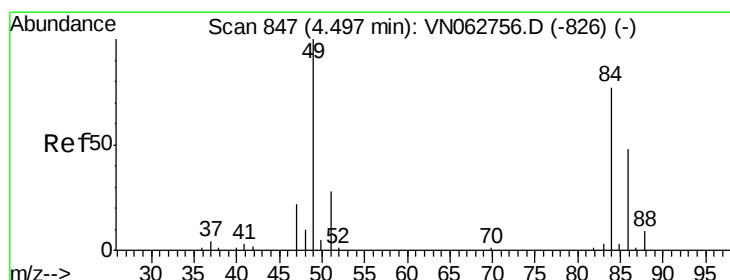
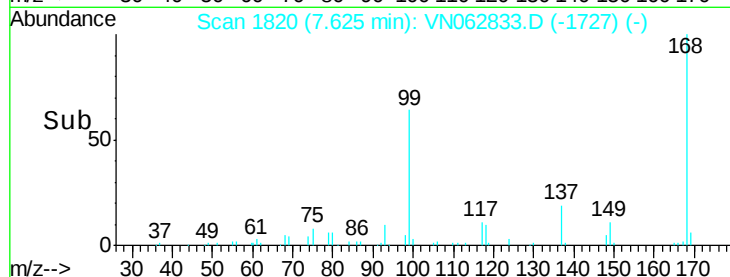
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 3.560 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062833.D

Acq: 11 Aug 2020 16:43

Tgt Ion: 84 Resp: 5977

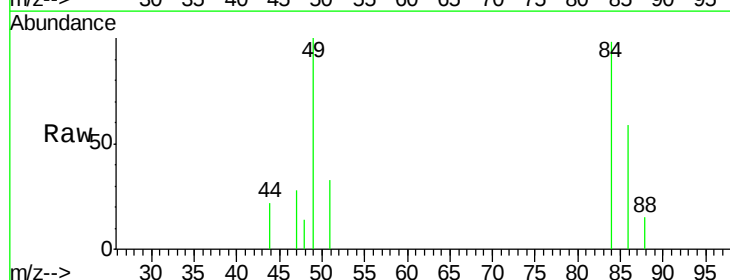
Ion Ratio Lower Upper

84 100

49 101.9 103.4 155.2#

51 33.9 29.3 43.9

86 60.4 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.50

3000

2500

2000

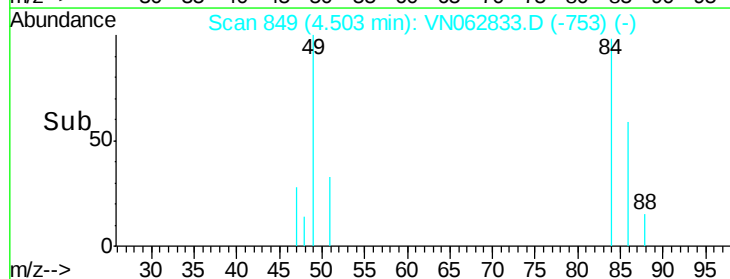
1500

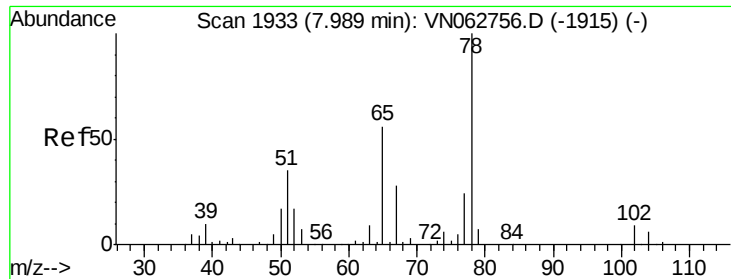
1000

500

0

Time--> 4.40 4.45 4.50 4.55 4.60





#33

1,2-Dichloroethane-d4

Concen: 50.177 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062833.D

Acq: 11 Aug 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

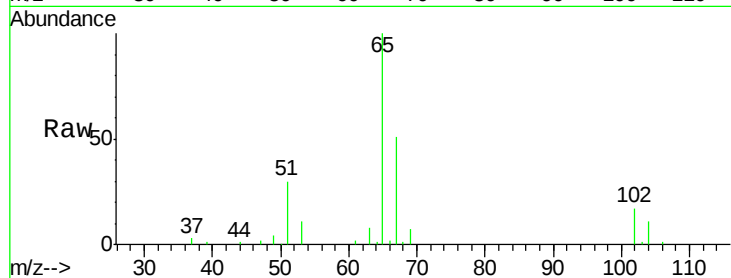
PB130875ZHE#18

Tot Ion: 65 Resp: 106305

Ion Ratio Lower Upper

65 100

67 49.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062833.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062833.D (-1840) (-)

7.99

50000

40000

30000

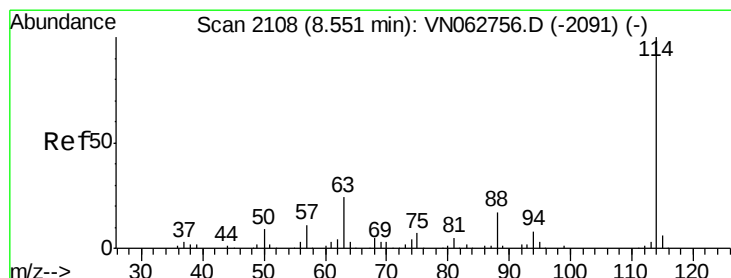
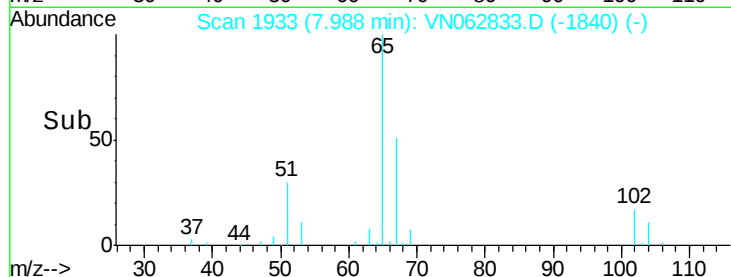
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062833.D

Acq: 11 Aug 2020 16:43

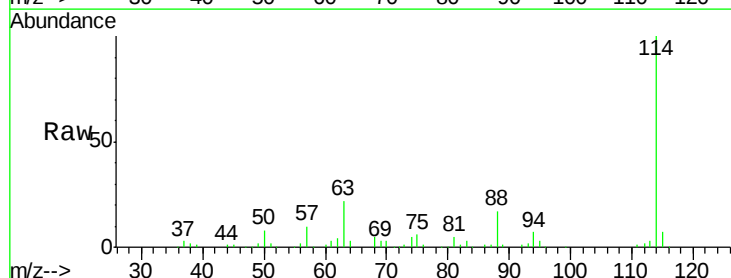
Tgt Ion: 114 Resp: 219742

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.6

88 16.9 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VN062833.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062833.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062833.D (-2015) (-)

8.55

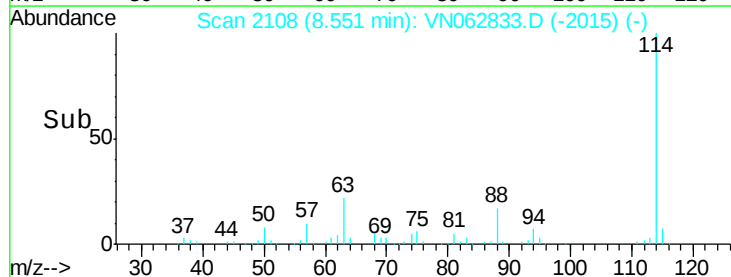
100000

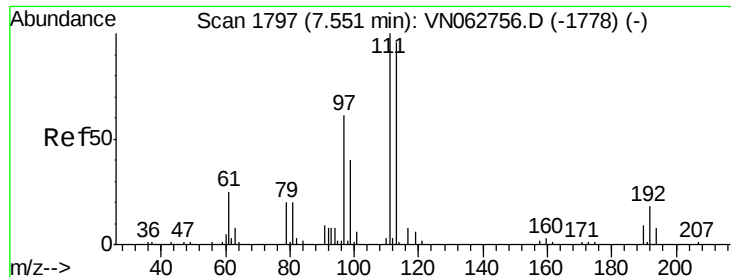
50000

0

Time-->

8.45 8.50 8.55 8.60 8.65

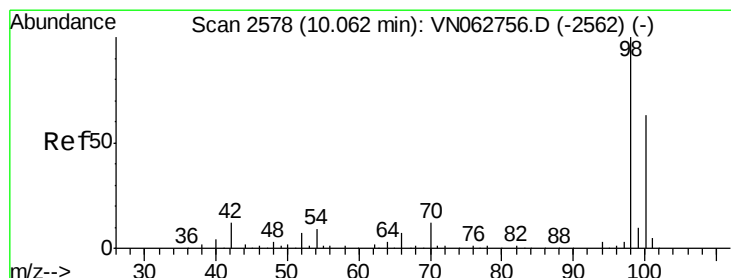
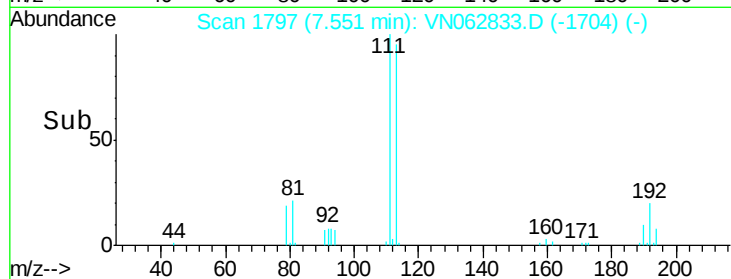
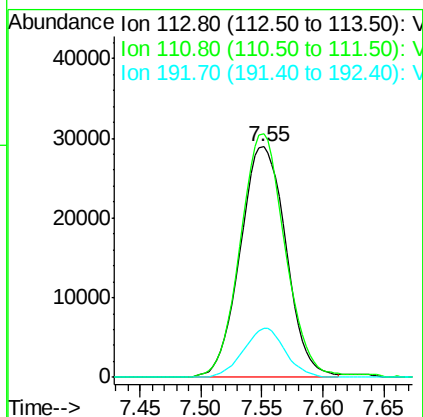
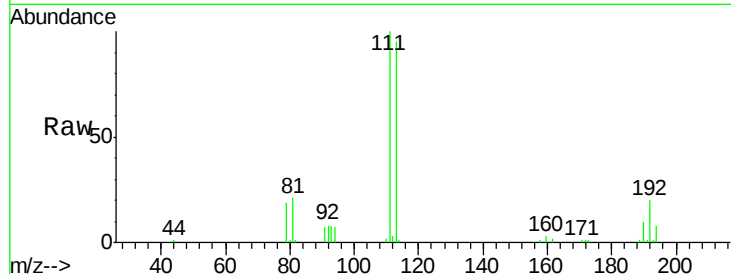




#35
 Dibromofluoromethane
 Concen: 50.135 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062833.D
 Acq: 11 Aug 2020 16:43

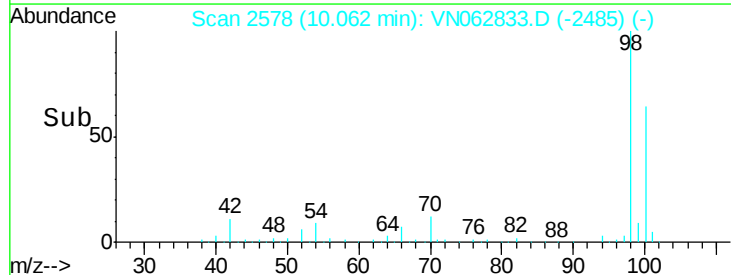
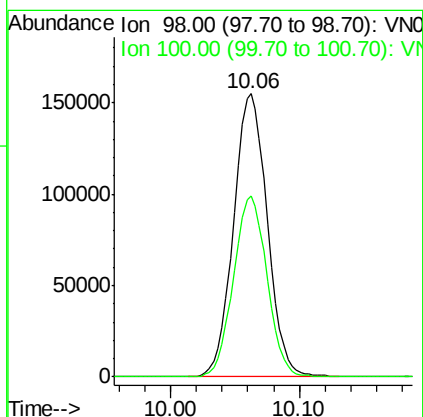
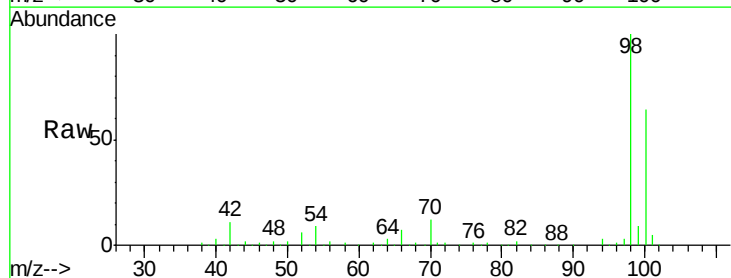
Instrument :
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 PB130875ZHE#18

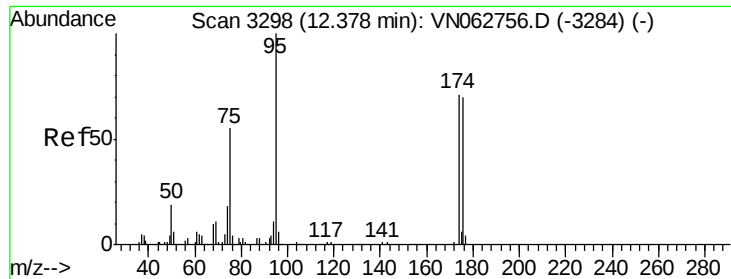
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	19.3	15.0	22.4



#50
 Toluene-d8
 Concen: 48.009 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: VN062833.D
 Acq: 11 Aug 2020 16:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

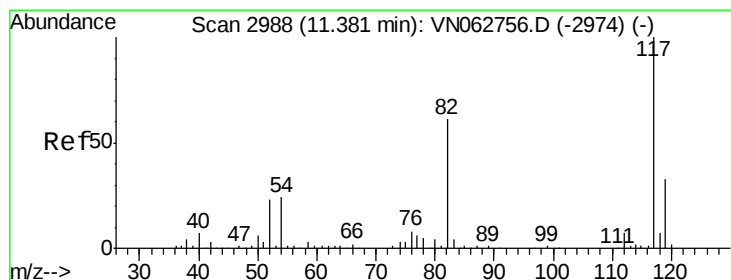
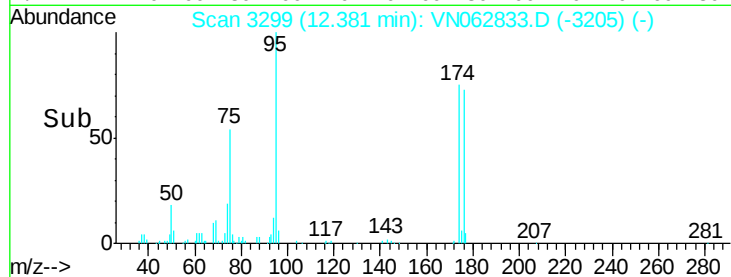
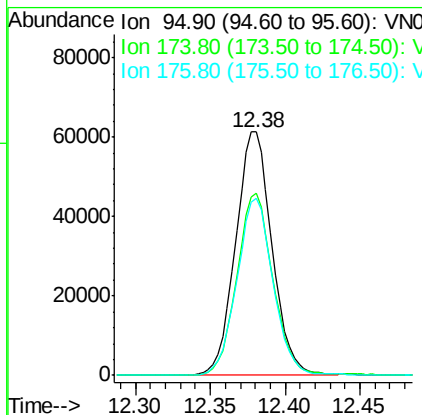
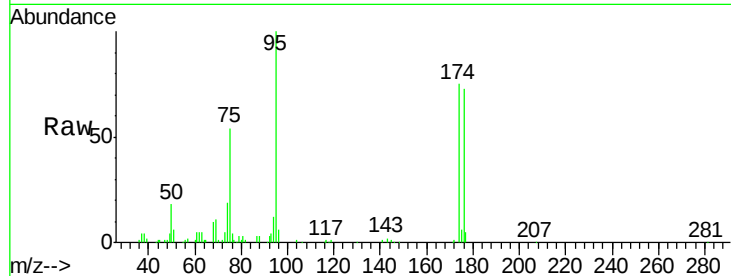




#62
4-Bromofluorobenzene
Concen: 46.746 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.00 min
Lab File: VN062833.D
Acq: 11 Aug 2020 16:43

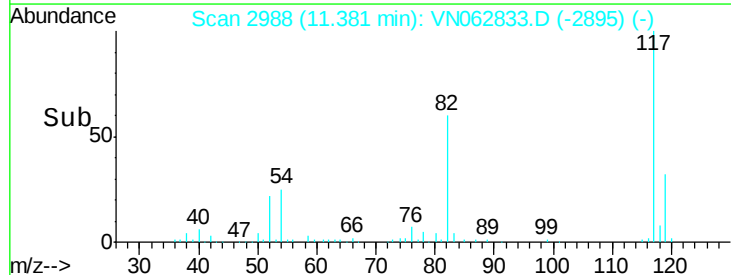
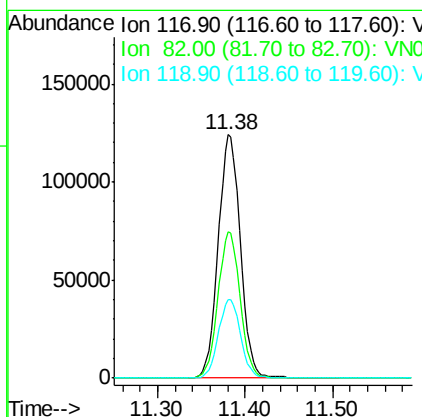
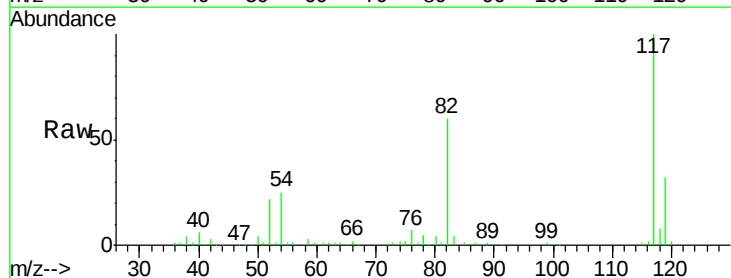
Instrument :
MSVOA_N
ClientSampleId :
PB130875ZHE#18

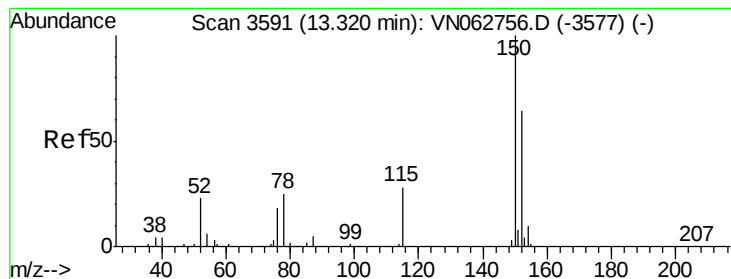
Tot Ion: 95 Resp: 103669
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.8
176 72.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062833.D
Acq: 11 Aug 2020 16:43

Tgt Ion: 117 Resp: 218159
Ion Ratio Lower Upper
117 100
82 60.1 49.0 73.4
119 32.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VN062833.D

Acq: 11 Aug 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

PB130875ZHE#18

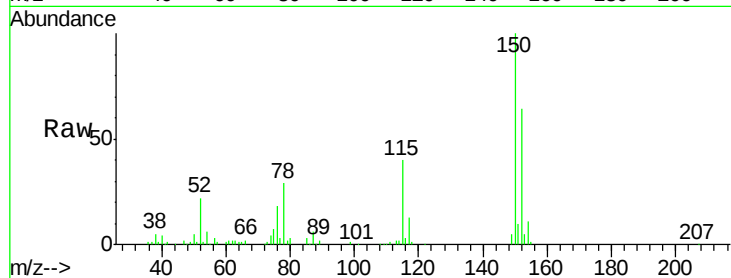
Tot Ion:152 Resp: 82589

Ion Ratio Lower Upper

152 100

115 65.5 31.6 94.8

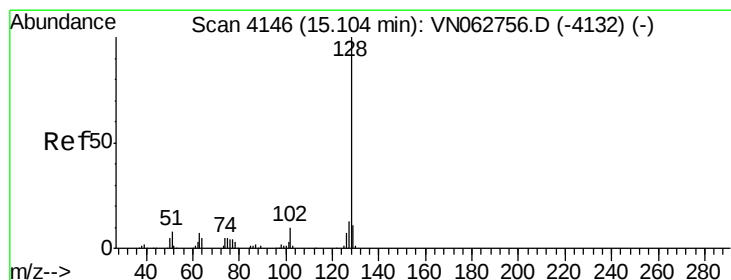
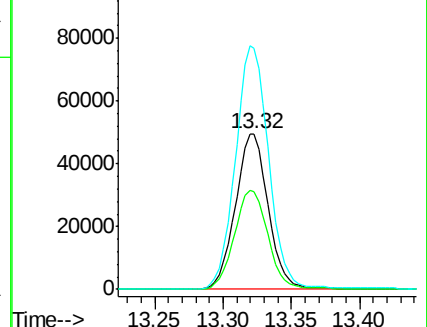
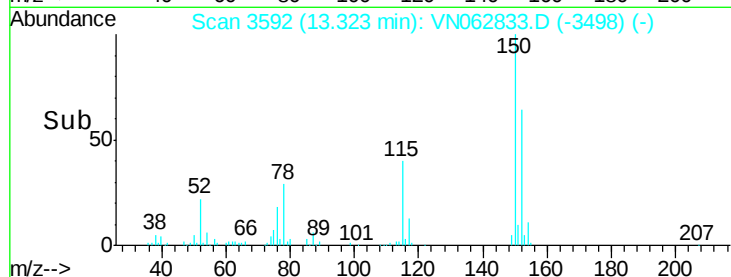
150 158.9 0.0 349.2



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



#95

Naphthalene

Concen: 5.215 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062833.D

Acq: 11 Aug 2020 16:43

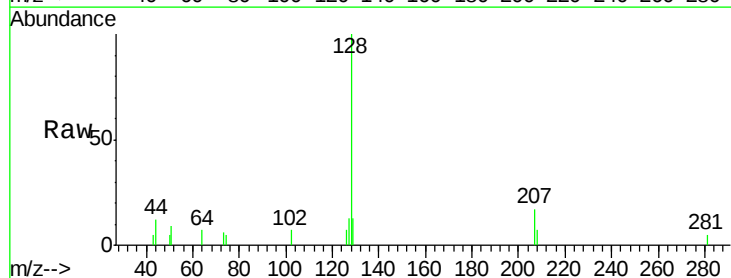
Tgt Ion:128 Resp: 6180

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 8.7 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

