

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062831.D
 Acq On : 11 Aug 2020 15:30
 Operator : JC/MD
 Sample : PB130875ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875ZHE#16

Quant Time: Aug 11 21:31:13 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

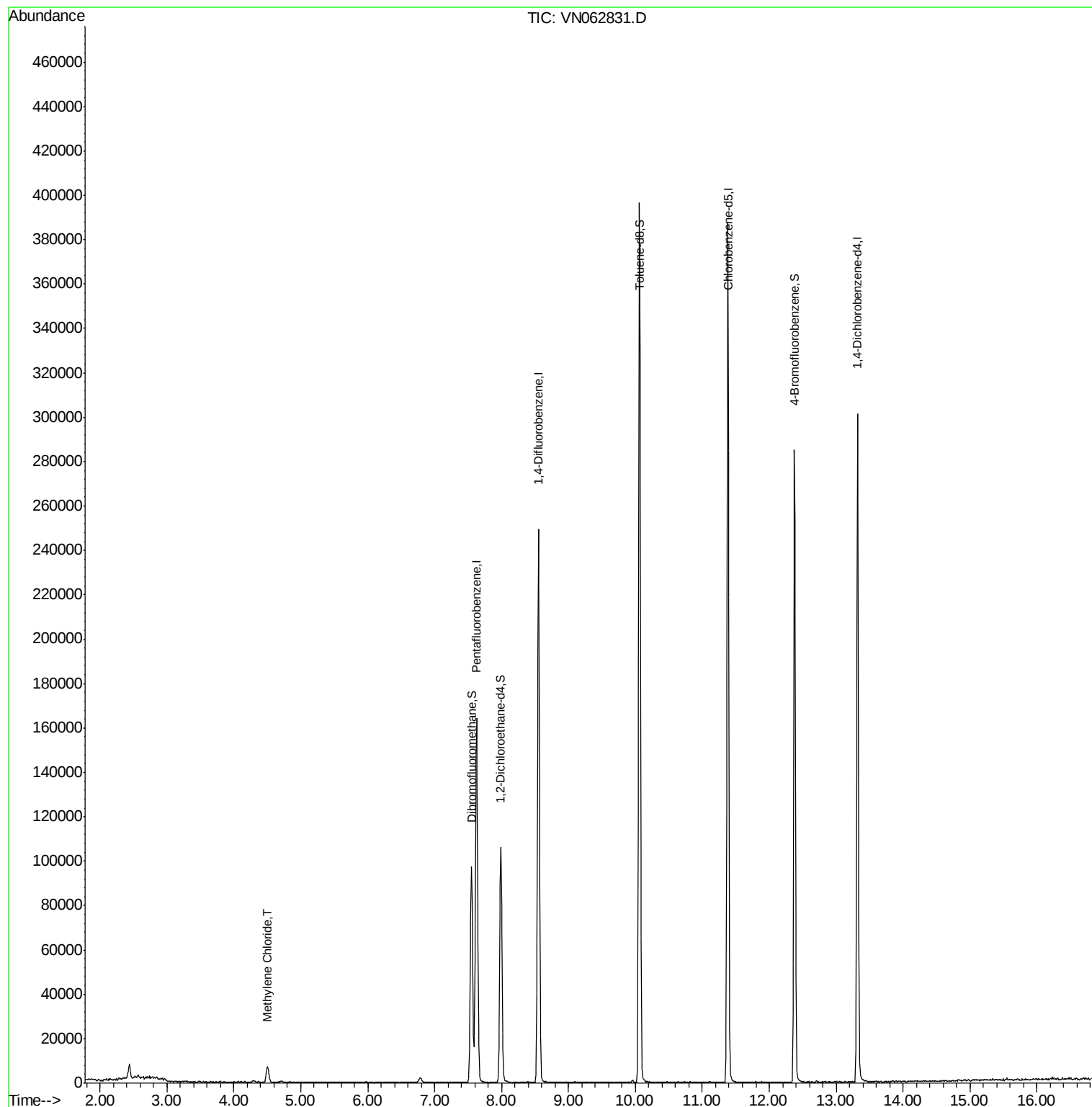
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	122691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	217004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	214310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103475	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	7.55	113	74433	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.06	98	274518	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.38	95	99369	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
20) Methylene Chloride	4.50	84	5767	3.593	ug/l	Qvalue 87

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062831.D

Acq: 11 Aug 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

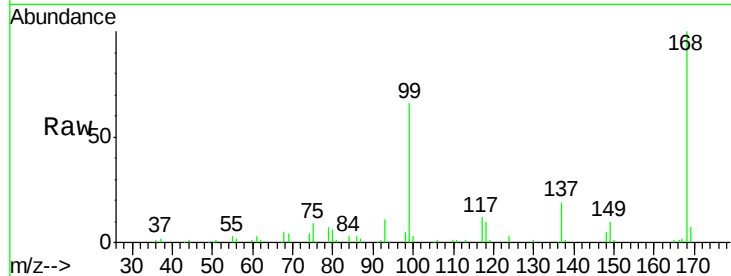
PB130875ZHE#16

Tot Ion:168 Resp: 122691

Ion Ratio Lower Upper

168 100

99 66.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

60000

50000

40000

30000

20000

10000

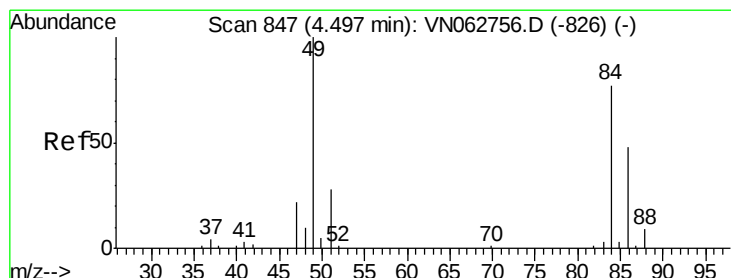
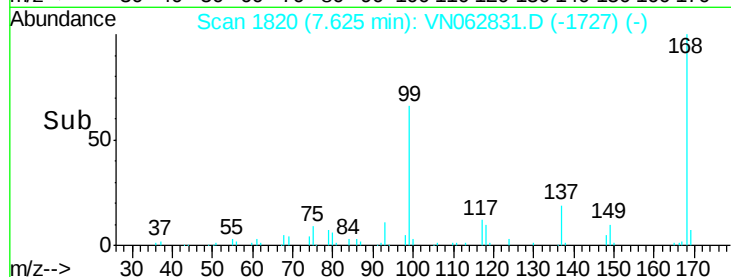
0

7.50

7.60

7.70

Time-->



#20

Methylene Chloride

Concen: 3.593 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062831.D

Acq: 11 Aug 2020 15:30

Tgt Ion: 84 Resp: 5767

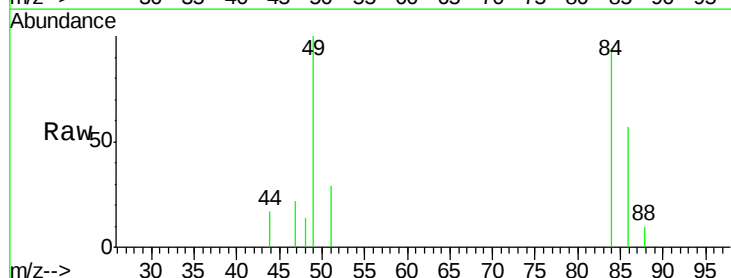
Ion Ratio Lower Upper

84 100

49 106.5 103.4 155.2

51 31.2 29.3 43.9

86 60.6 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

3000

2000

1000

0

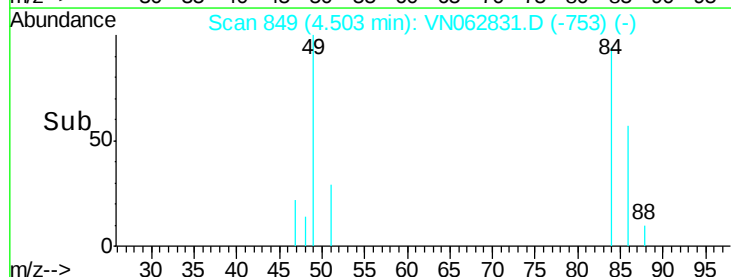
4.45

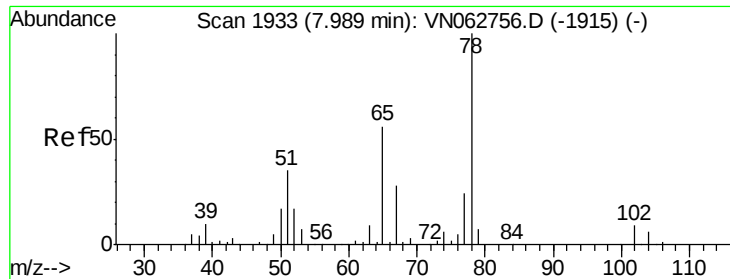
4.50

4.55

4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.000 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062831.D

Acq: 11 Aug 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

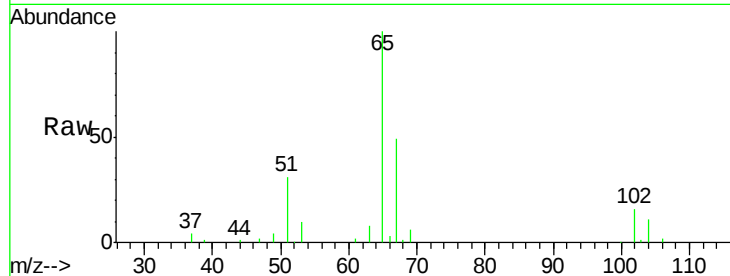
PB130875ZHE#16

Tot Ion: 65 Resp: 103475

Ion Ratio Lower Upper

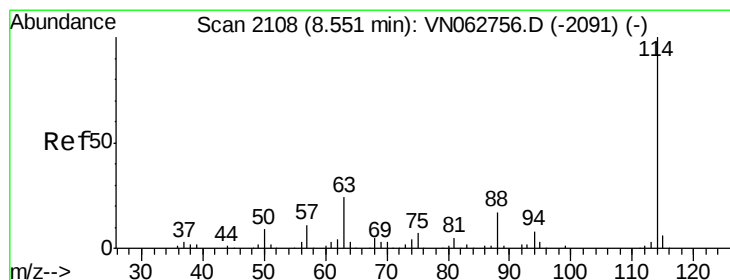
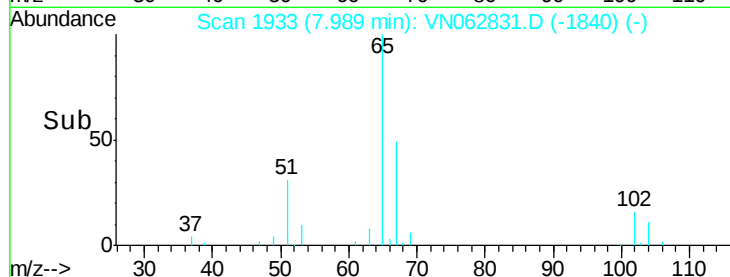
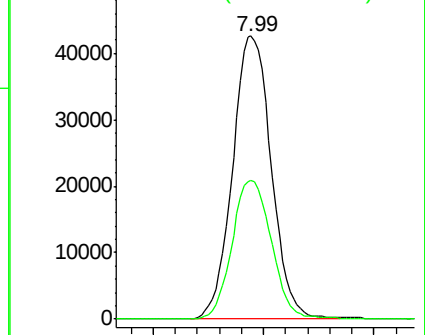
65 100

67 50.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062831.D

Acq: 11 Aug 2020 15:30

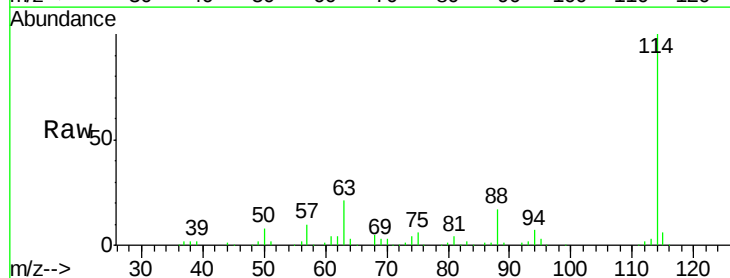
Tgt Ion: 114 Resp: 217004

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.6

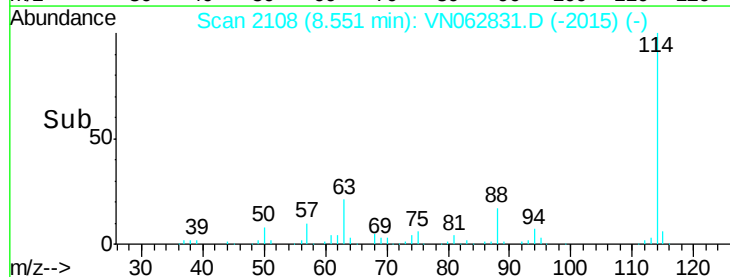
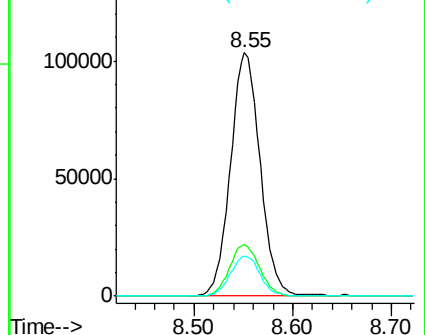
88 16.5 0.0 34.4

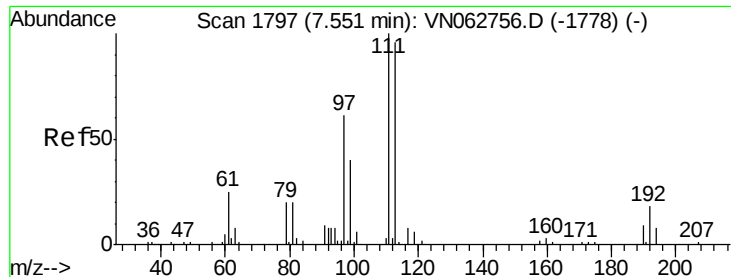


Abundance Ion 113.90 (113.60 to 114.60): VN062756.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062756.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062756.D (-2091) (-)

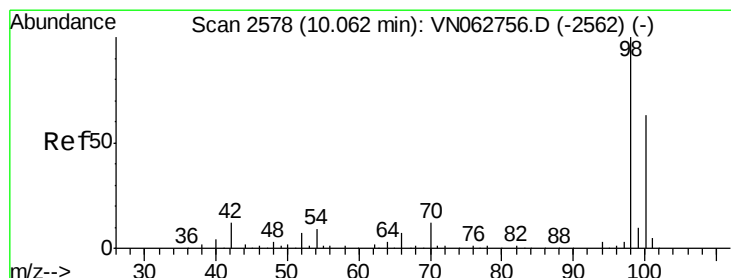
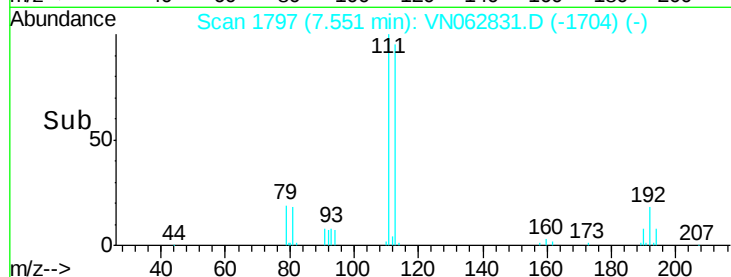
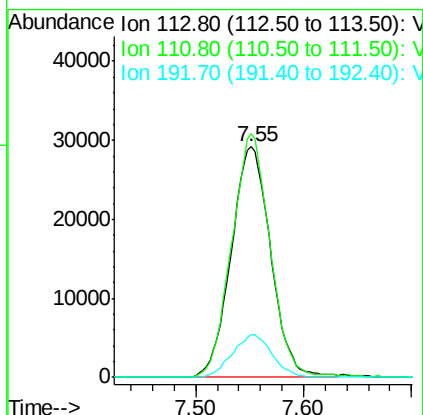
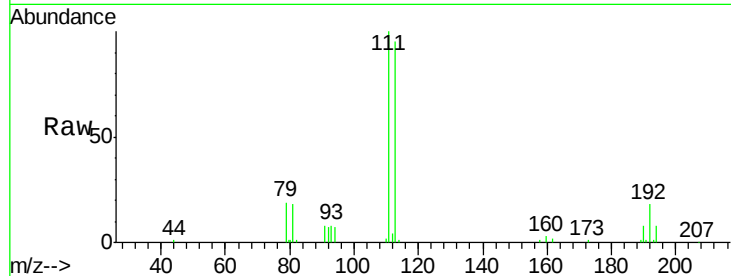




#35
 Dibromofluoromethane
 Concen: 50.142 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062831.D
 Acq: 11 Aug 2020 15:30

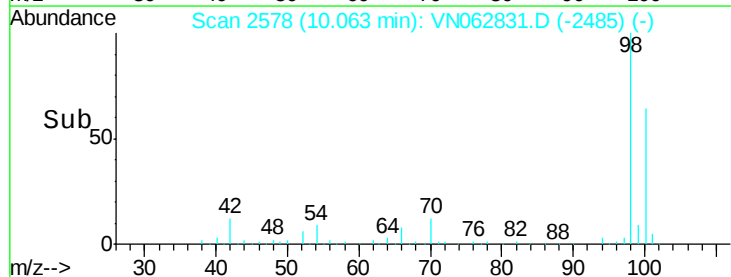
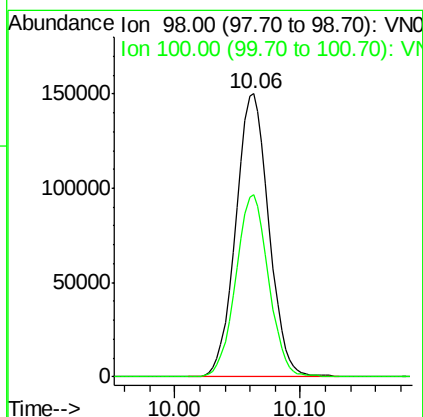
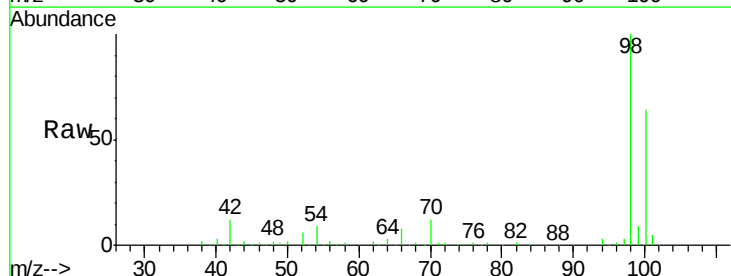
Instrument :
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 PB130875ZHE#16

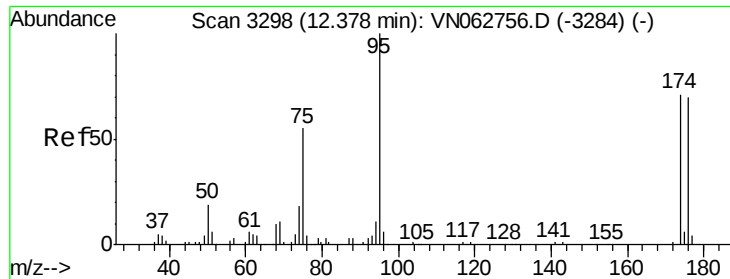
Tot Ion:113 Resp: 74433
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 18.4 15.0 22.4



#50
 Toluene-d8
 Concen: 47.369 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN062831.D
 Acq: 11 Aug 2020 15:30

Tgt Ion: 98 Resp: 274518
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3

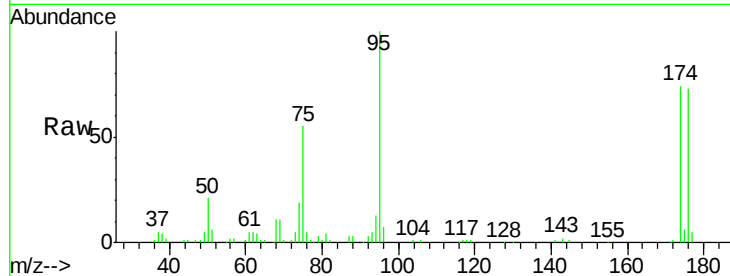




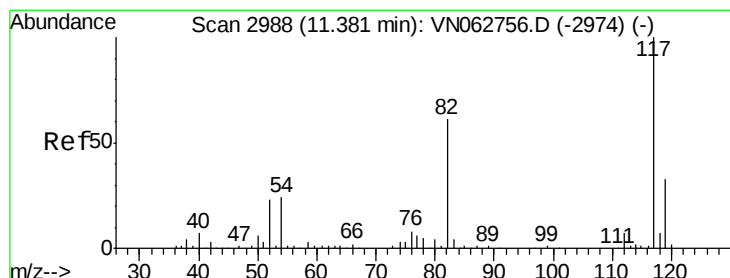
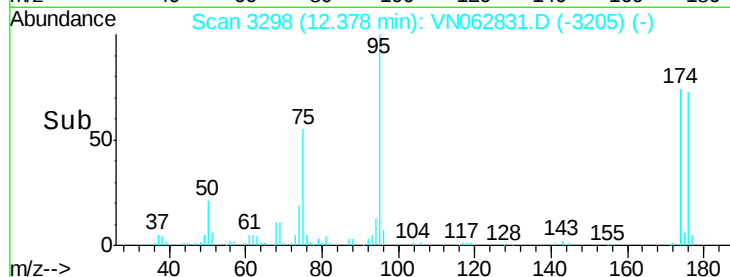
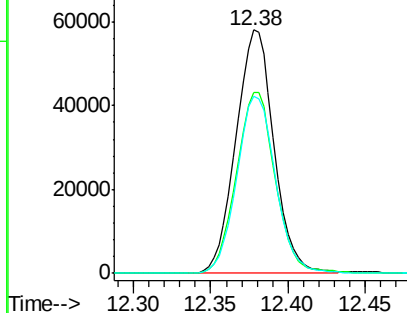
#62
 4-Bromofluorobenzene
 Concen: 45.373 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062831.D
 Acq: 11 Aug 2020 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875ZHE#16

Tot Ion: 95 Resp: 99369
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 144.8
 176 74.3 0.0 142.2

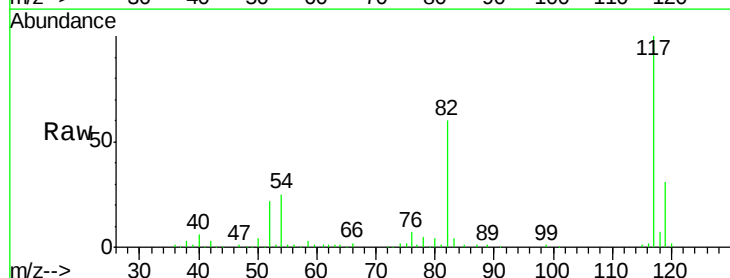


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)
 Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)
 Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

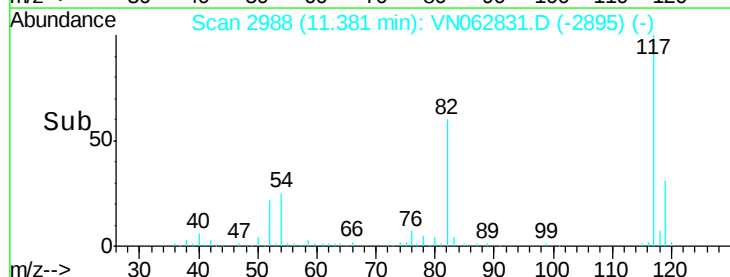
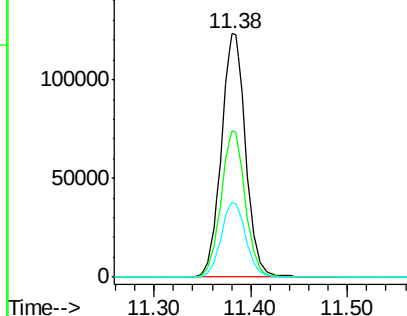


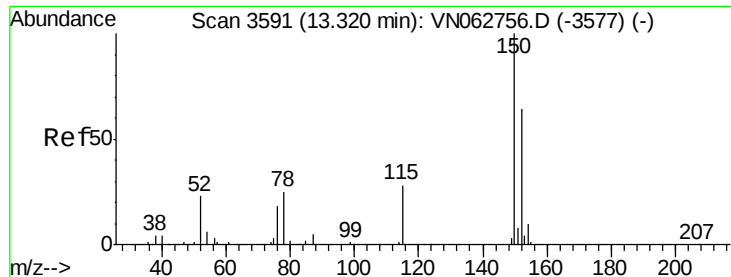
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN062831.D
 Acq: 11 Aug 2020 15:30

Tgt Ion: 117 Resp: 214310
 Ion Ratio Lower Upper
 117 100
 82 60.2 49.0 73.4
 119 30.9 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)
 Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)
 Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062831.D

Acq: 11 Aug 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

PB130875ZHE#16

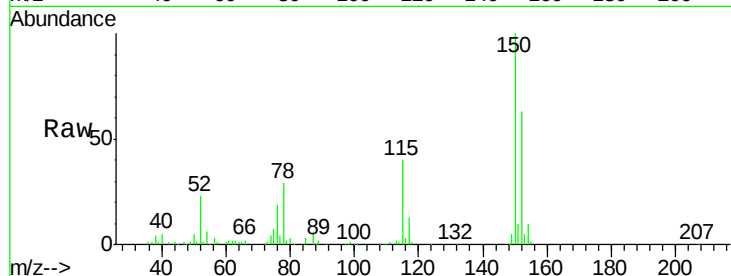
Tot Ion:152 Resp: 78343

Ion Ratio Lower Upper

152 100

115 64.7 31.6 94.8

150 160.2 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

