

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062533.D
 Acq On : 15 Jul 2020 14:07
 Operator : JC/MD
 Sample : PB130207ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130207ZHE#13

Quant Time: Jul 16 01:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

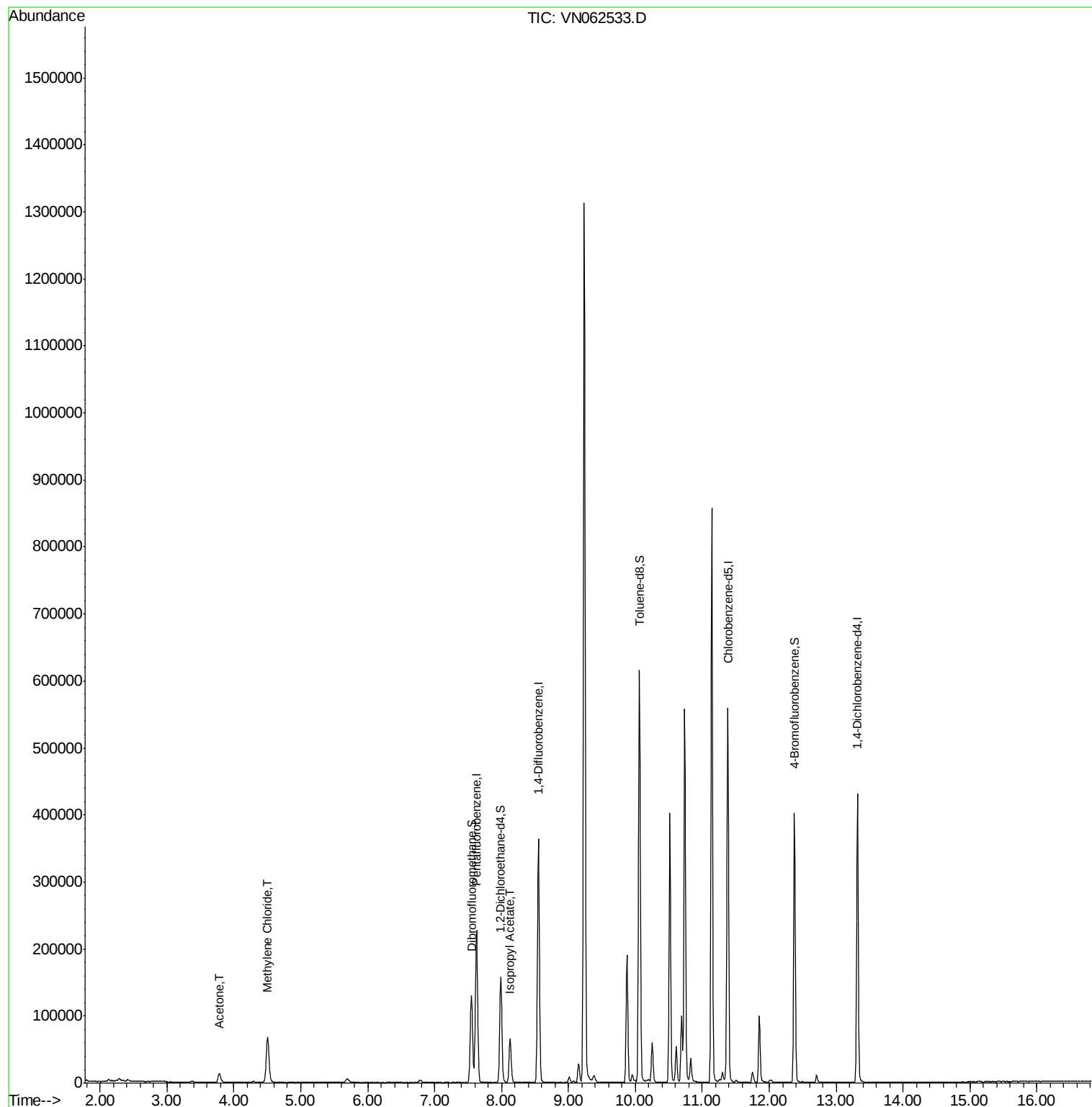
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	177106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	134713	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.55	113	100115	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.06	98	411625	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	12.38	95	149147	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
Target Compounds						
16) Acetone	3.78	43	24266	20.982	ug/l	93
20) Methylene Chloride	4.50	84	47773	19.319	ug/l	94
43) Isopropyl Acetate	8.13	43	79985	13.721	ug/l	93

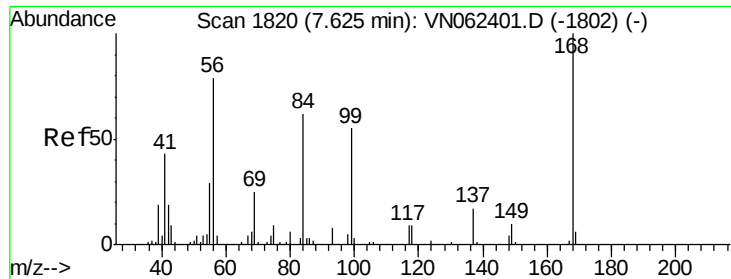
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062533.D

Acq: 15 Jul 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

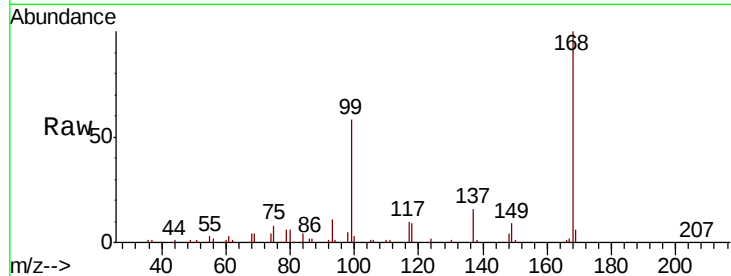
PB130207ZHE#13

Tot Ion:168 Resp: 177106

Ion Ratio Lower Upper

168 100

99 58.2 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

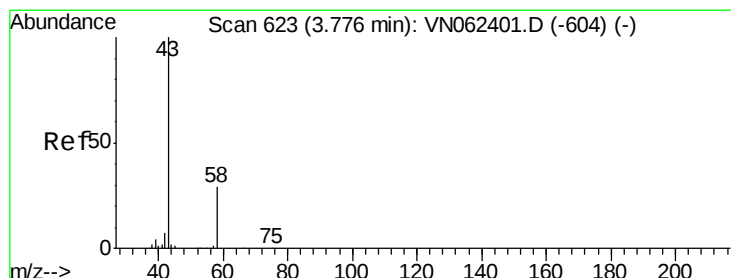
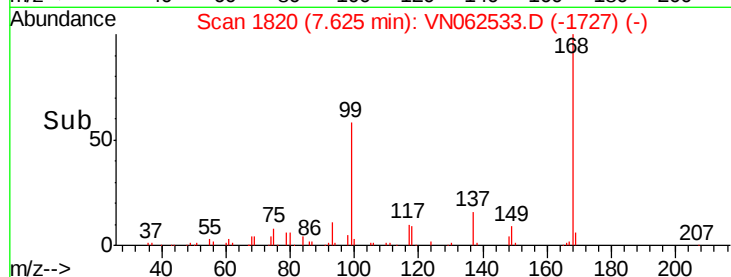
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 20.982 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062533.D

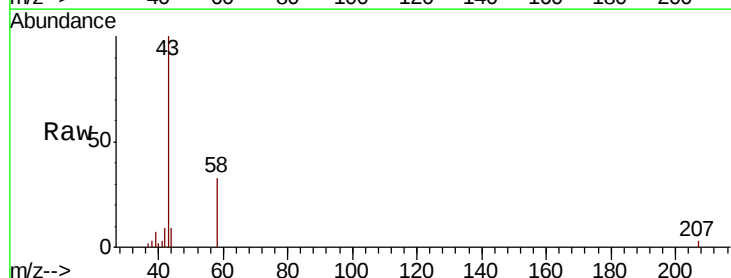
Acq: 15 Jul 2020 14:07

Tgt Ion: 43 Resp: 24266

Ion Ratio Lower Upper

43 100

58 33.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

10000

8000

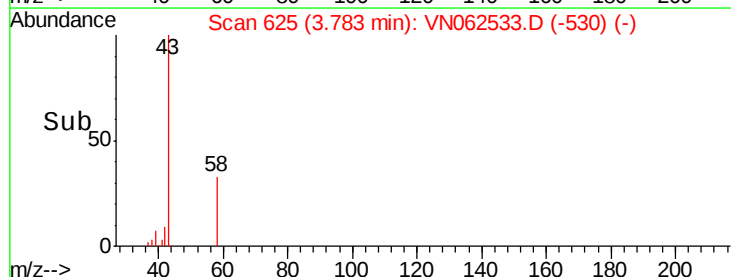
6000

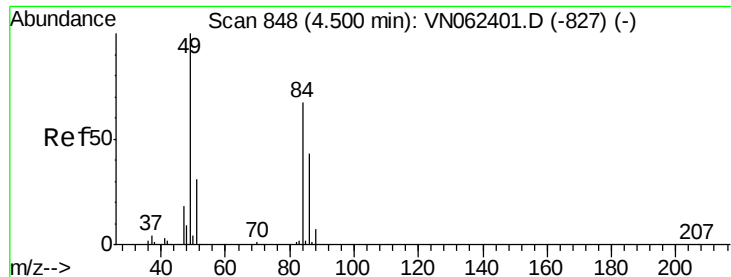
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

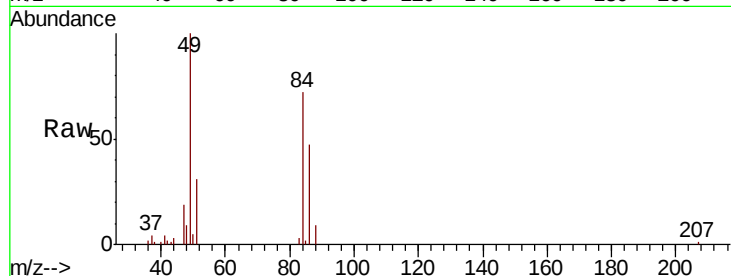




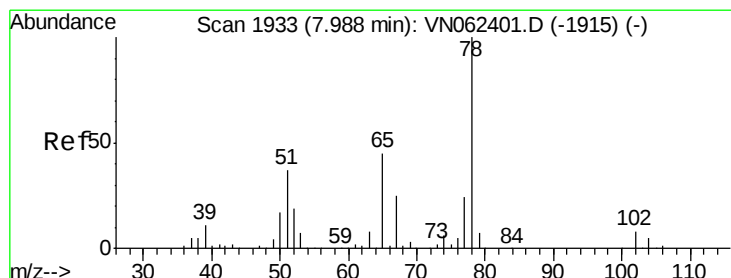
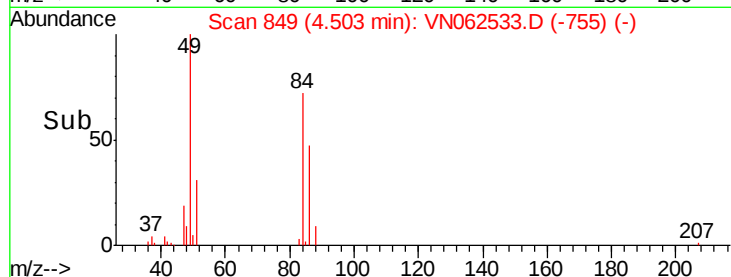
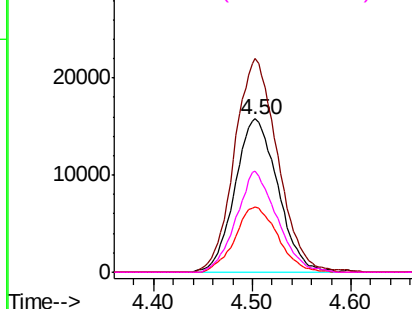
#20
Methylene Chloride
Concen: 19.319 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062533.D
Acq: 15 Jul 2020 14:07

Instrument :
MSVOA_N
ClientSampleId :
PB130207ZHE#13

Tot Ion: 84 Resp: 47773
Ion Ratio Lower Upper
84 100
49 139.6 120.0 180.0
51 42.8 37.0 55.6
86 66.0 51.8 77.6

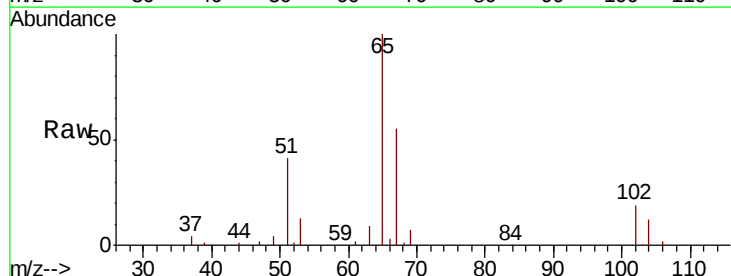


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

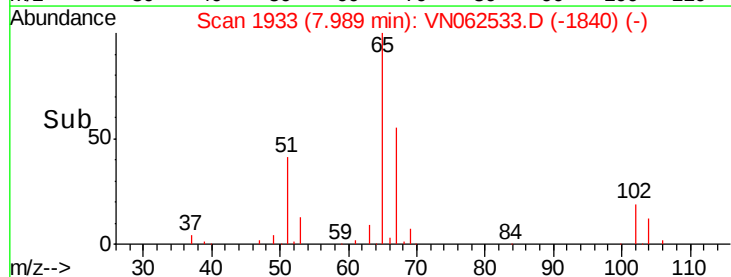
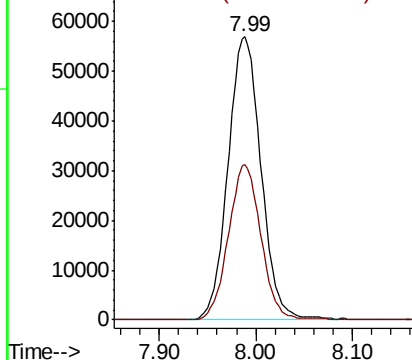


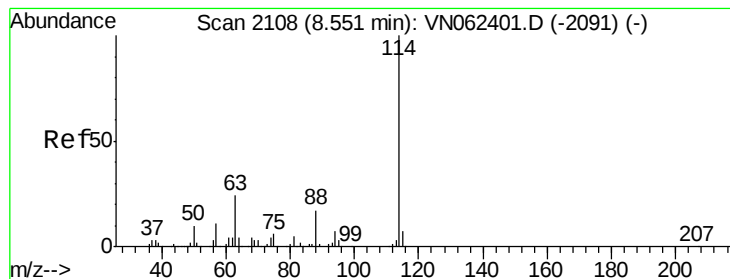
#33
1,2-Dichloroethane-d4
Concen: 49.452 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062533.D
Acq: 15 Jul 2020 14:07

Tgt Ion: 65 Resp: 134713
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.6



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# 2108

Delta R.T. 0.00 min

Lab File: VN062533.D

Acq: 15 Jul 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB130207ZHE#13

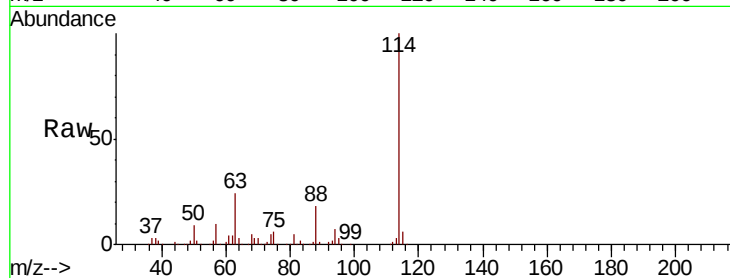
Tot Ion:114 Resp: 313231

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.4

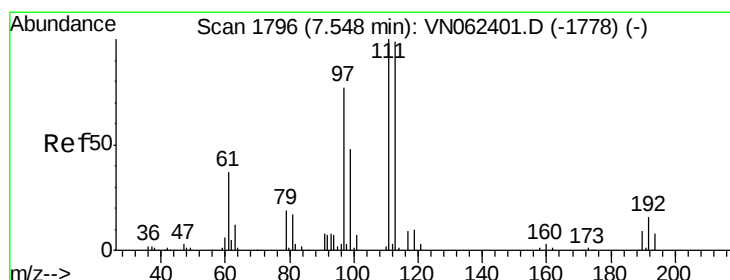
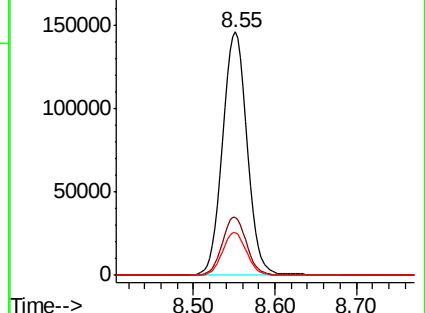
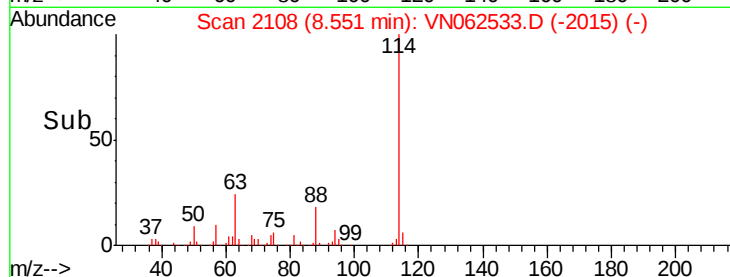
88 17.5 0.0 33.8



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: 51.707 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062533.D

Acq: 15 Jul 2020 14:07

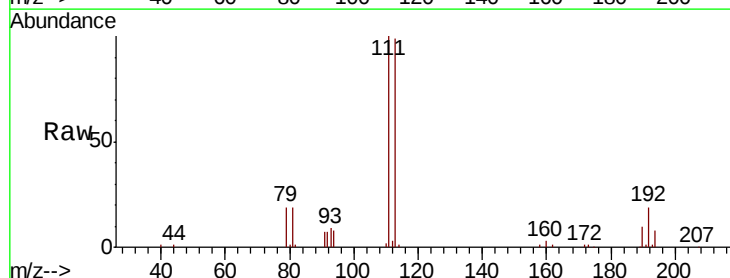
Tgt Ion:113 Resp: 100115

Ion Ratio Lower Upper

113 100

111 103.4 83.1 124.7

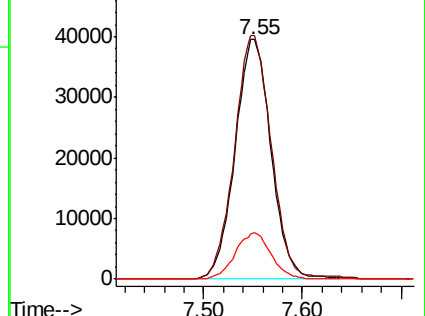
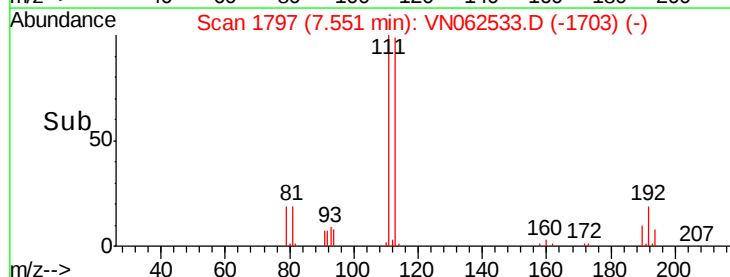
192 19.2 14.1 21.1

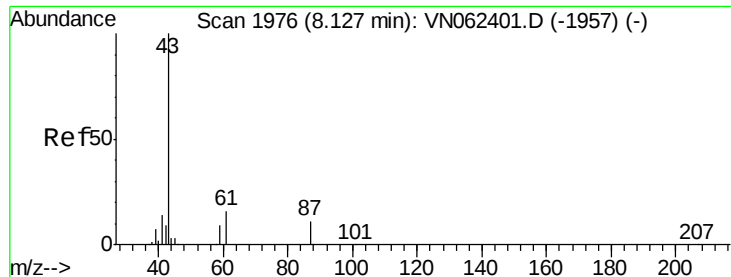


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 13.721 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062533.D

Acq: 15 Jul 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB130207ZHE#13

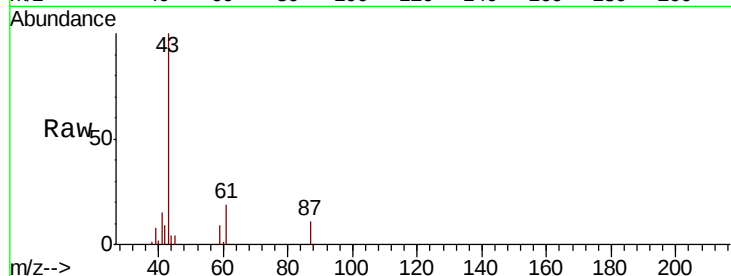
Tot Ion: 43 Resp: 79985

Ion Ratio Lower Upper

43 100

61 19.5 19.3 28.9

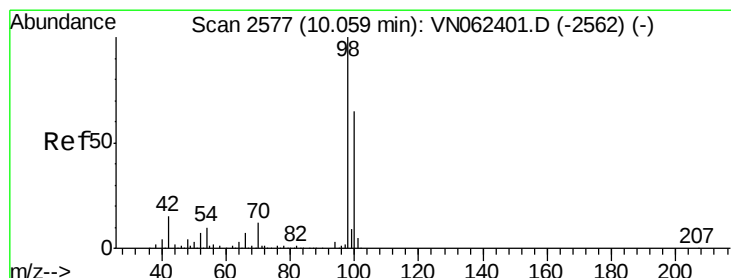
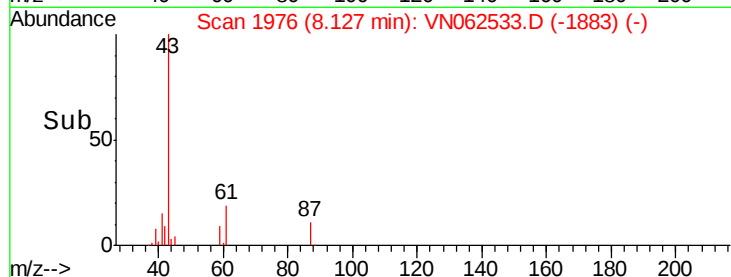
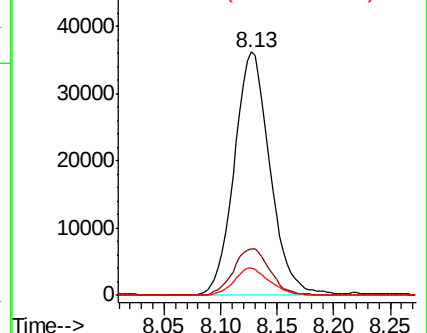
87 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#50

Toluene-d8

Concen: 53.853 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062533.D

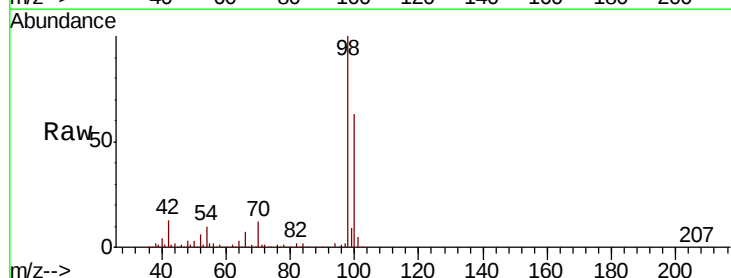
Acq: 15 Jul 2020 14:07

Tgt Ion: 98 Resp: 411625

Ion Ratio Lower Upper

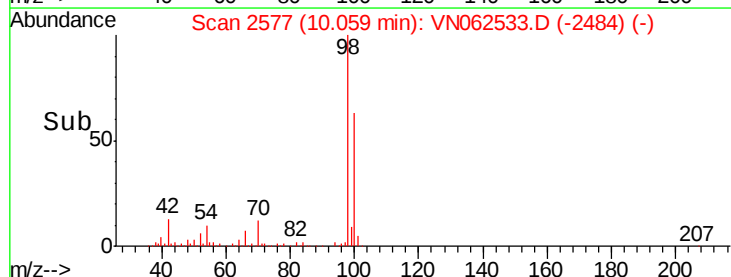
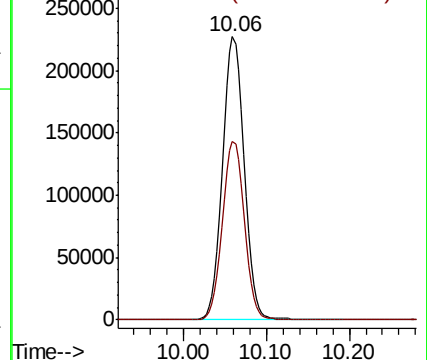
98 100

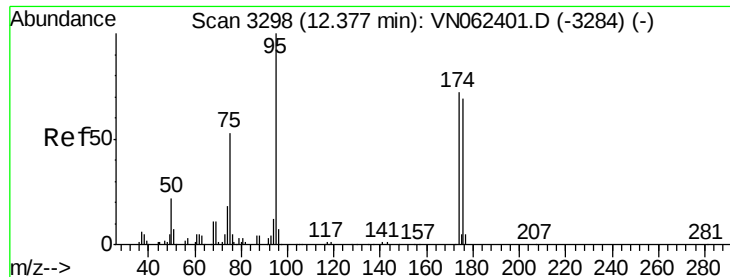
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN062401.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062401.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 53.397 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062533.D

Acq: 15 Jul 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB130207ZHE#13

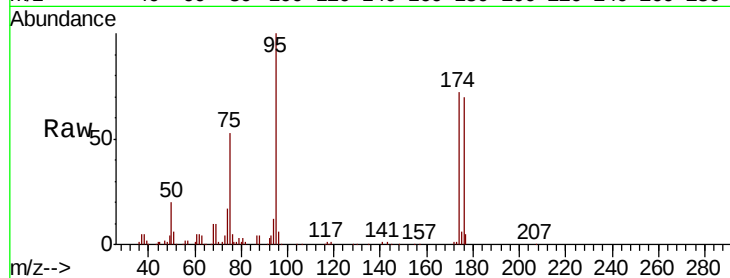
Tot Ion: 95 Resp: 149147

Ion Ratio Lower Upper

95 100

174 71.5 0.0 141.6

176 69.3 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062533.D (-2895) (-)

Ion 173.80 (173.50 to 174.50): VN062533.D (-2895) (-)

Ion 175.80 (175.50 to 176.50): VN062533.D (-2895) (-)

12.38

80000

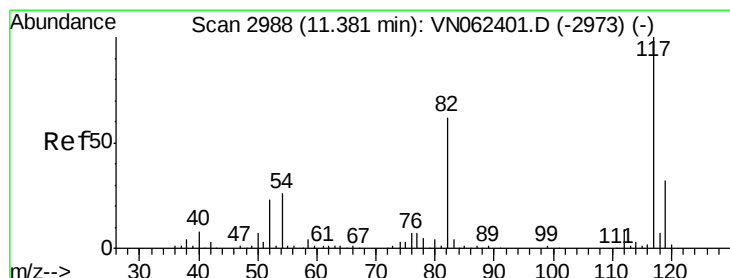
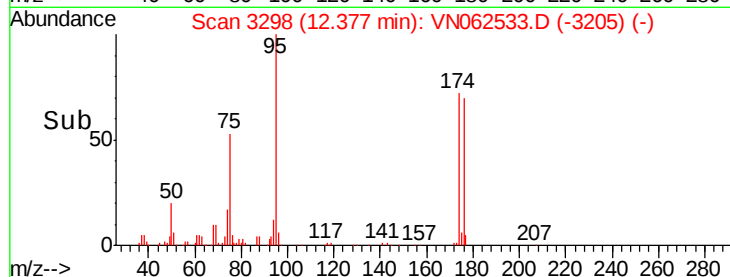
60000

40000

20000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062533.D

Acq: 15 Jul 2020 14:07

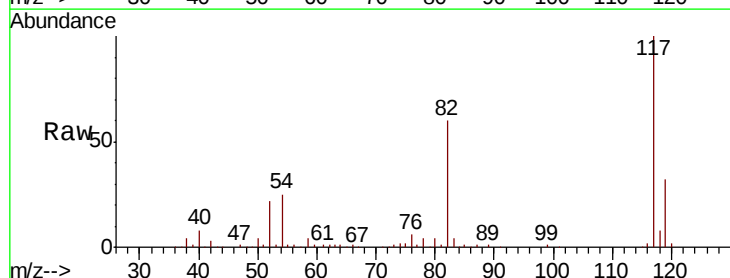
Tgt Ion: 117 Resp: 307348

Ion Ratio Lower Upper

117 100

82 60.3 49.6 74.4

119 32.1 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VN062533.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062533.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062533.D (-2895) (-)

11.38

200000

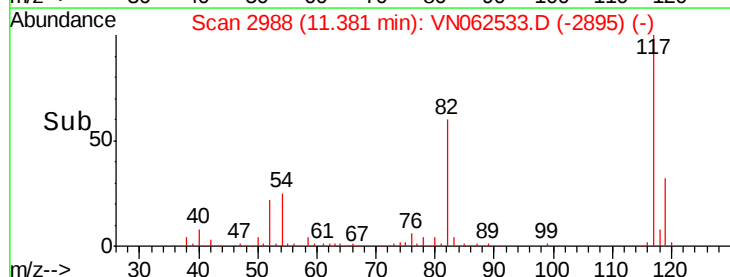
150000

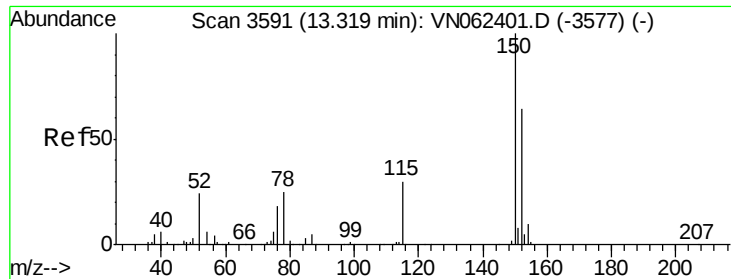
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062533.D

Acq: 15 Jul 2020 14:07

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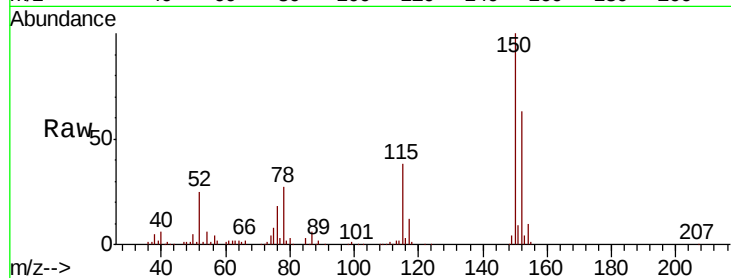
Tot Ion:152 Resp: 112607

Ion Ratio Lower Upper

152 100

115 60.7 31.4 94.2

150 157.4 0.0 347.4



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

