

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062886.D
 Acq On : 13 Aug 2020 3:56
 Operator : JC/MD
 Sample : PB130908ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#16

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:55:46 AM

Quant Time: Aug 13 07:43:23 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	120957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	209218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	212880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104761	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	7.55	113	74639	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
50) Toluene-d8	10.06	98	273408	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.38	95	101473	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
20) Methylene Chloride	4.50	84	4038m	2.328	ug/l	Qvalue

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

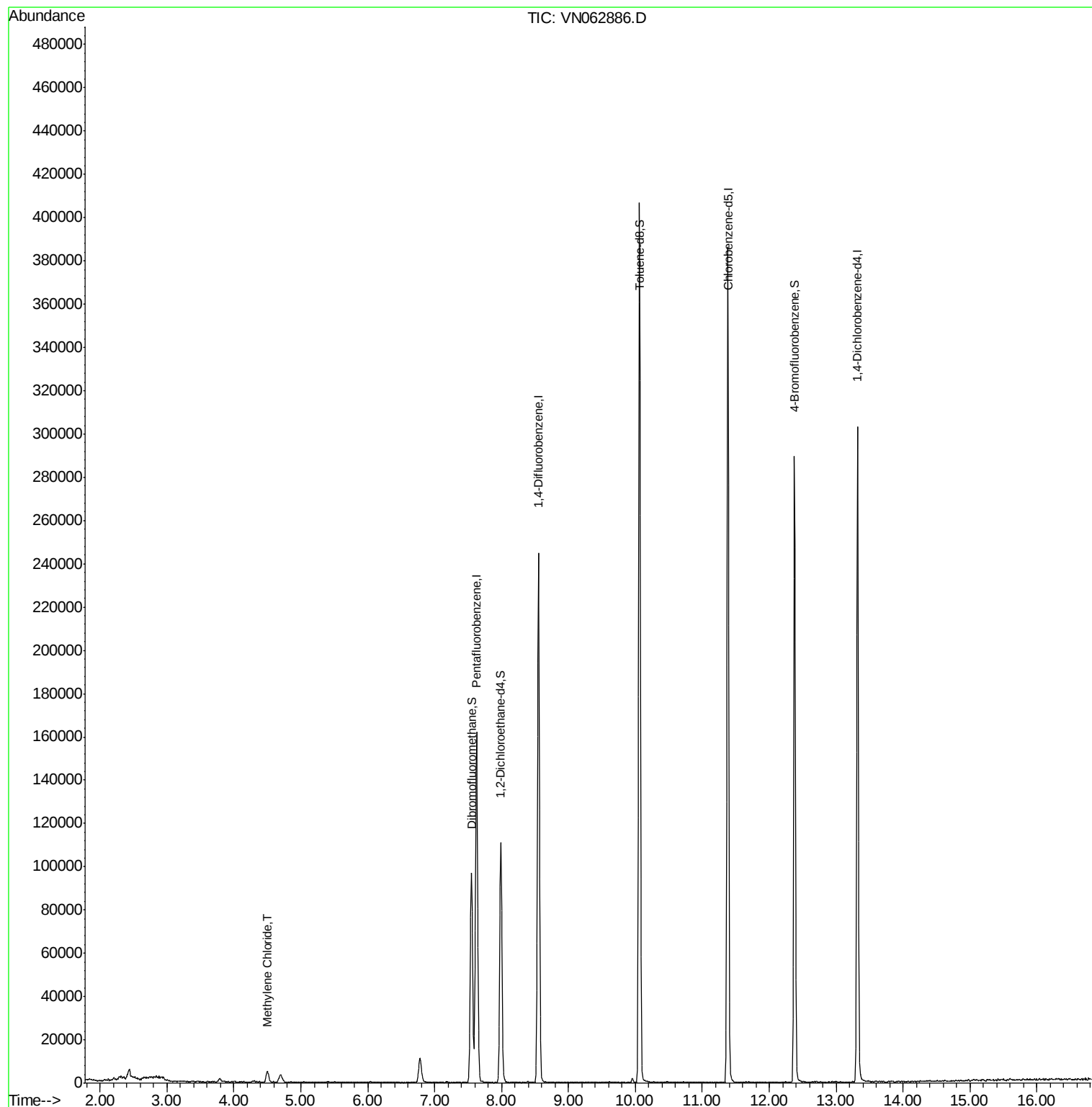
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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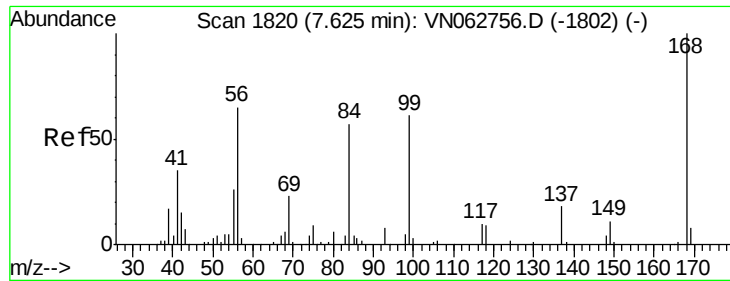
Instrument :
MSVOA_N
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Quant Time: Aug 13 07:43:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062886.D

Acq: 13 Aug 2020 3:56

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#16

Tot Ion:168 Resp: 120957

Ion Ratio Lower Upper

168 100

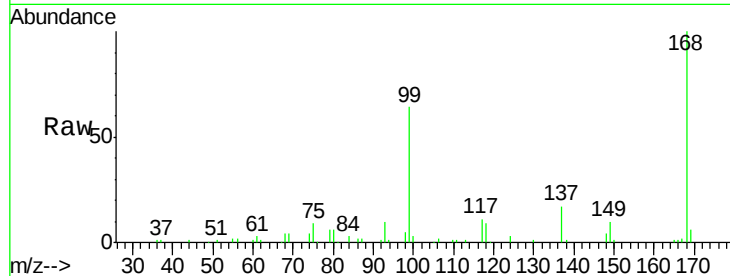
99 64.4 52.9 79.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

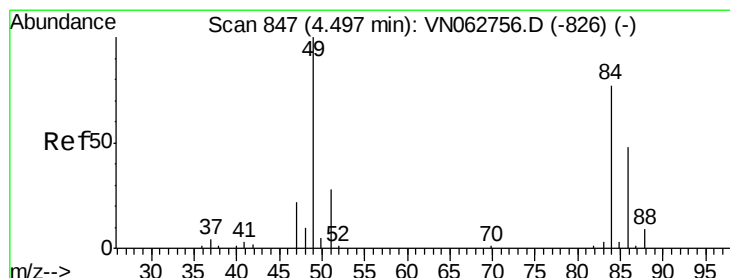
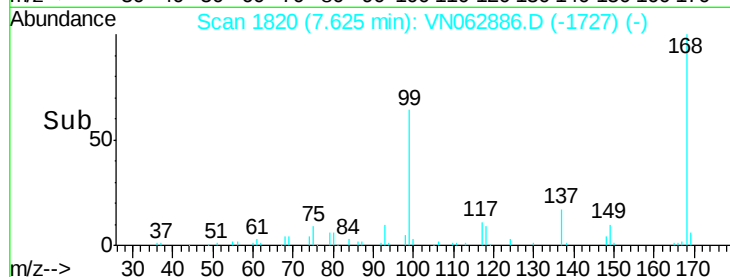
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 2.328 ug/l m

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062886.D

Acq: 13 Aug 2020 3:56

Tgt Ion: 84 Resp: 4038

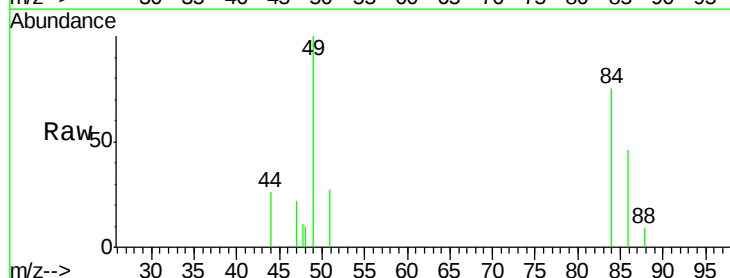
Ion Ratio Lower Upper

84 100

49 133.0 103.4 155.2

51 36.3 29.3 43.9

86 61.4 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

2500

2000

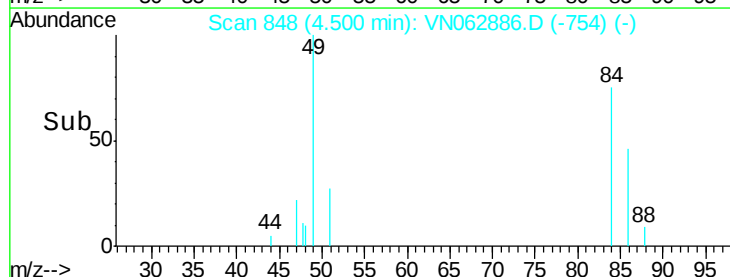
1500

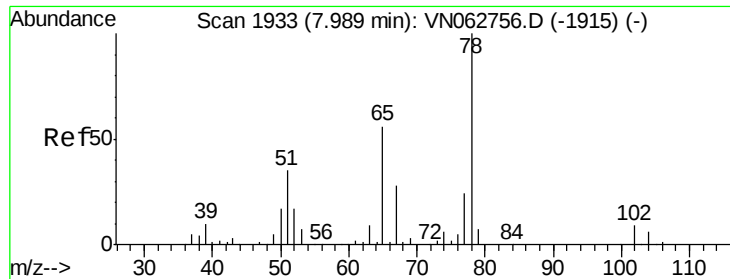
1000

500

0

Time-->





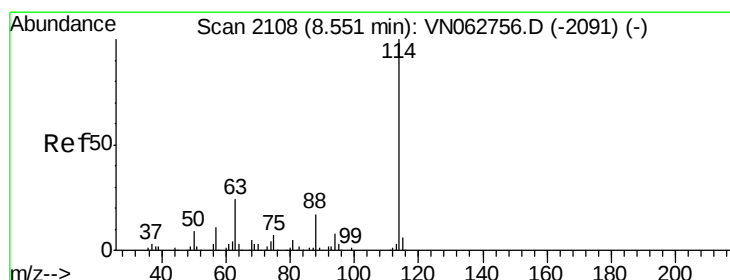
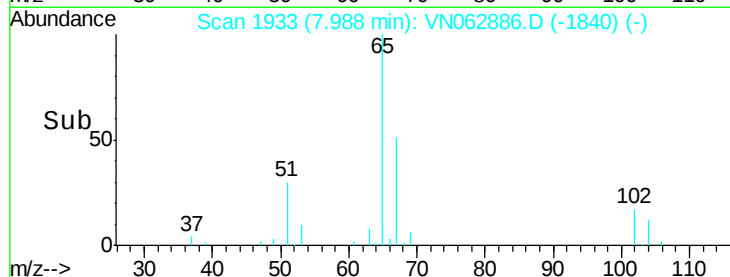
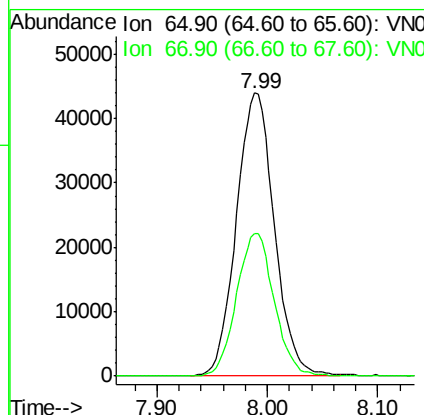
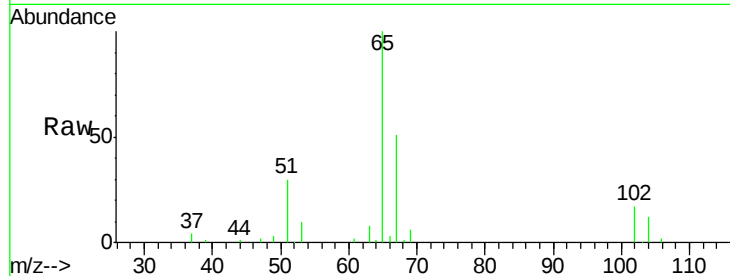
#33
 1,2-Dichloroethane-d4
 Concen: 52.374 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062886.D
 Acq: 13 Aug 2020 3:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#16

Tot Ion	Ratio	Resp	Lower	Upper
65	100	104761		
67	49.9	0.0	101.4	

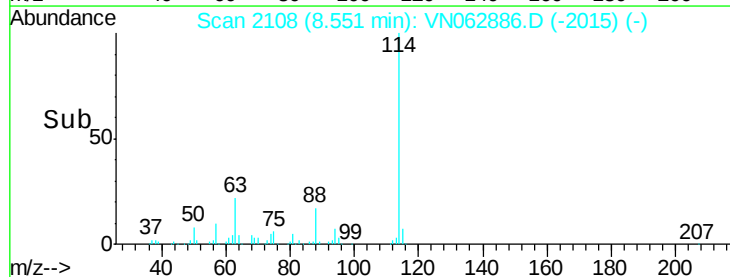
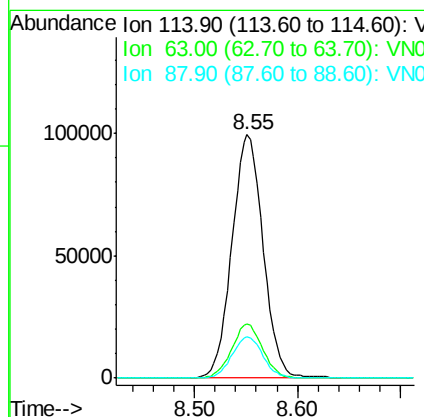
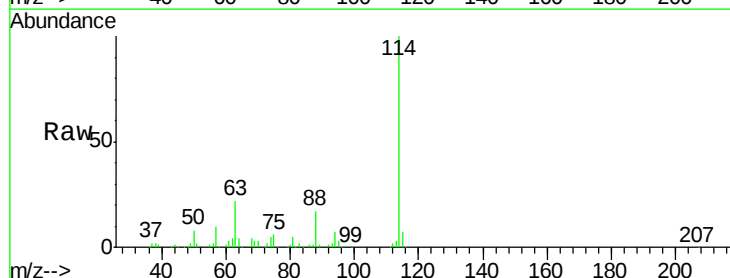
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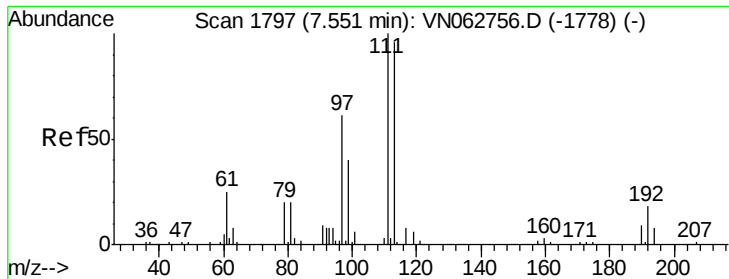
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062886.D
 Acq: 13 Aug 2020 3:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	209218		
63	22.4	0.0	47.6	
88	16.9	0.0	34.4	





#35

Dibromofluoromethane

Concen: 52.152 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062886.D

Acq: 13 Aug 2020 3:56

Instrument :

MSVOA_N

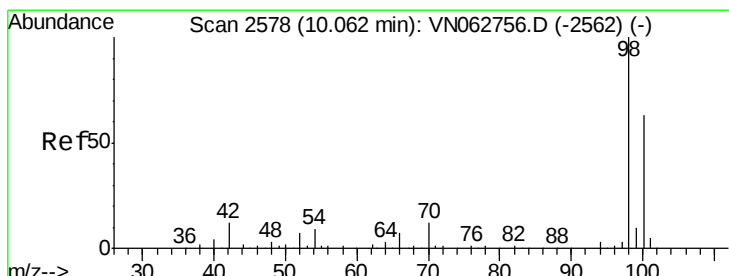
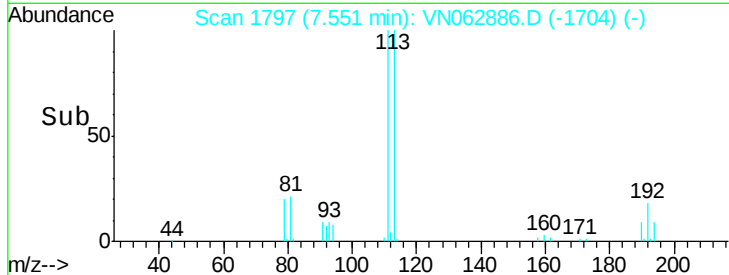
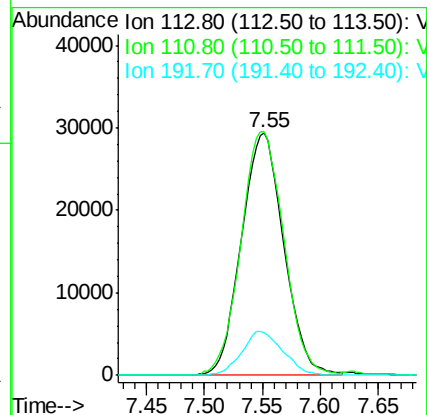
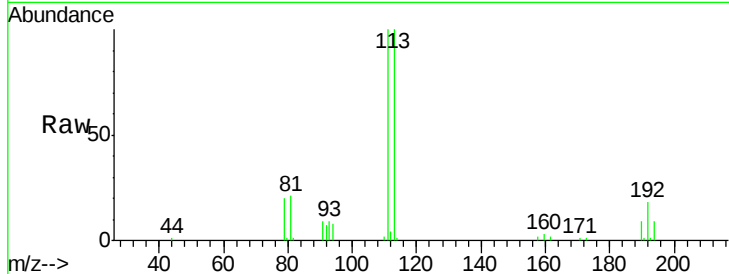
ClientSampleId :

PB130908ZHE#16

Tot Ion:	113	Resp:	74639
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.6
192	17.6	15.0	22.4

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#50

Toluene-d8

Concen: 48.933 ug/l

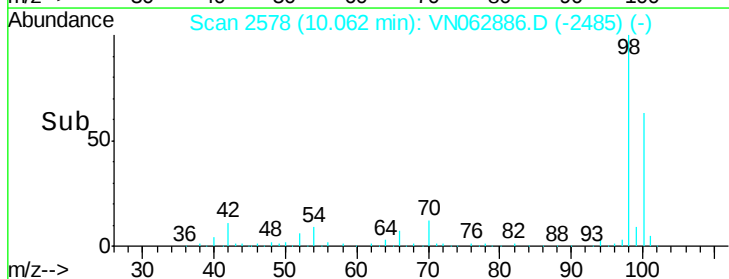
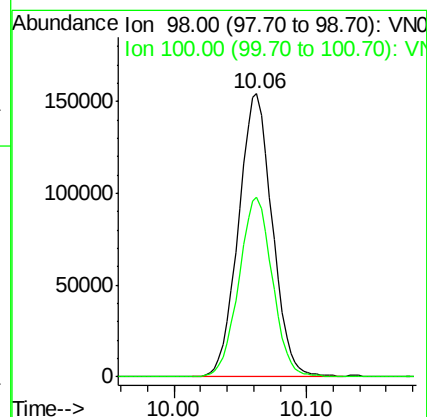
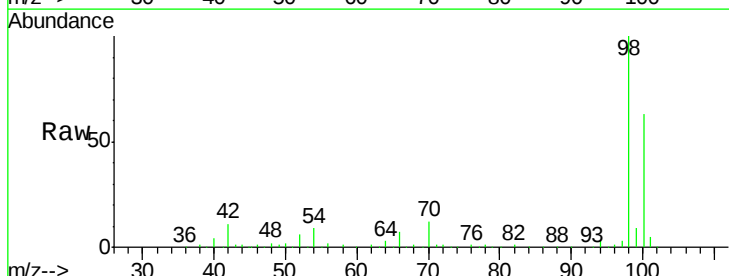
RT: 10.06 min Scan# 2578

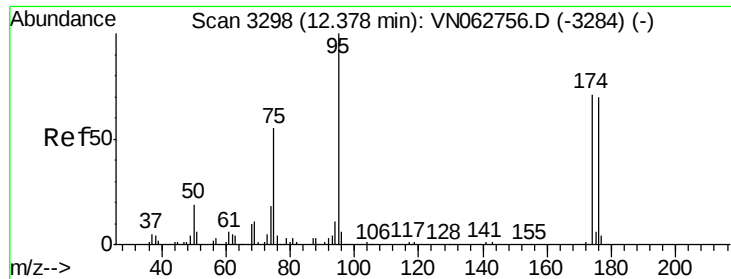
Delta R.T. -0.00 min

Lab File: VN062886.D

Acq: 13 Aug 2020 3:56

Tgt Ion:	98	Resp:	273408
Ion Ratio	Lower	Upper	
98	100		
100	63.1	50.9	76.3





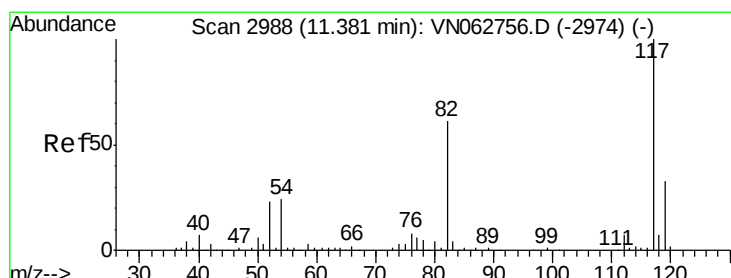
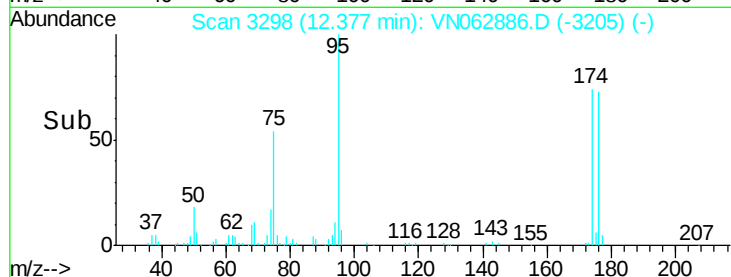
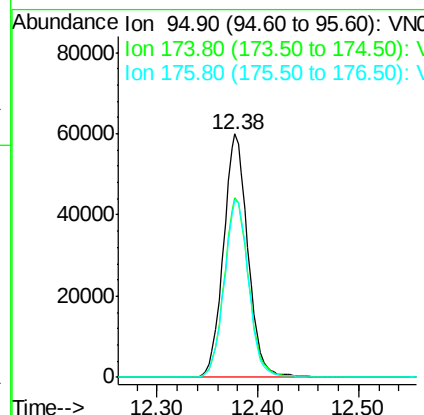
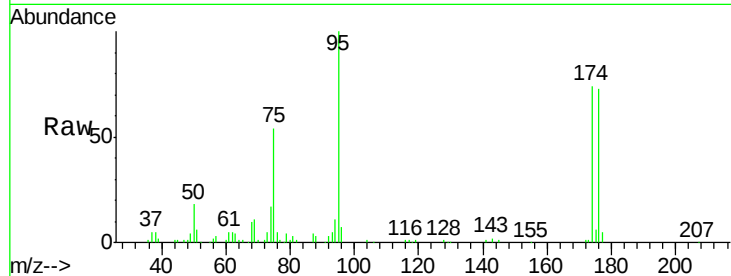
#62
4-Bromofluorobenzene
Concen: 48.058 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062886.D
Acq: 13 Aug 2020 3:56

Instrument :
MSVOA_N
ClientSampleId :
PB130908ZHE#16

Tot Ion	Ratio	Resp	Lower	Upper
95	100	101473		
174	74.3	0.0	144.8	
176	72.4	0.0	142.2	

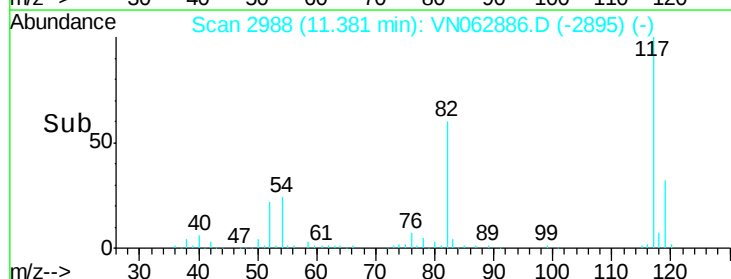
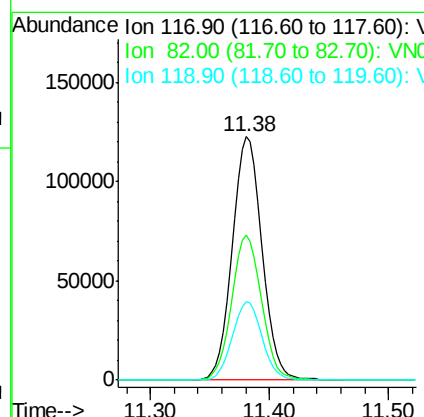
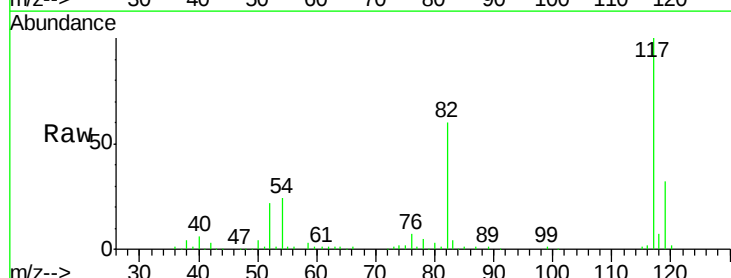
Manual Integrations
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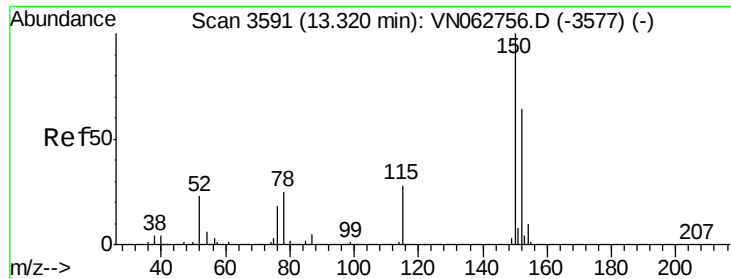
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062886.D
Acq: 13 Aug 2020 3:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	212880		
82	59.6	49.0	73.4	
119	32.1	26.2	39.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062886.D

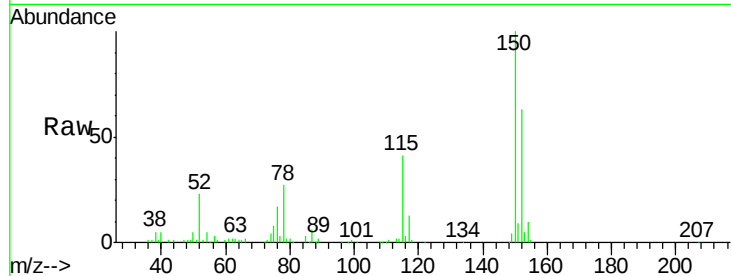
Acq: 13 Aug 2020 3:56

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#16



Tot Ion:152 Resp: 79782

Ion Ratio Lower Upper

152 100

115 64.9 31.6 94.8

150 162.2 0.0 349.2

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