

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064836.D
 Acq On : 25 Nov 2020 2:18
 Operator : JC/MD
 Sample : L4798-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 91BR-20201118

Manual Integrations
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 11/25/2020 9:51:22 AM

Quant Time: Nov 25 06:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	285118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95974	50.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.50%		
35) Dibromofluoromethane	7.55	113	90785	54.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	109.28%		
50) Toluene-d8	10.06	98	346257	51.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.00%		
62) 4-Bromofluorobenzene	12.37	95	131969	54.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.64%		
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	6728	4.772	ug/l	93
4) Vinyl Chloride	2.17	62	215284	112.710	ug/l	99
12) 1,1-Dichloroethene	3.69	96	2984	1.892	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	2844m	1.624	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	880396	446.643	ug/l	89
44) Trichloroethene	8.80	130	14454	6.211	ug/l	99

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

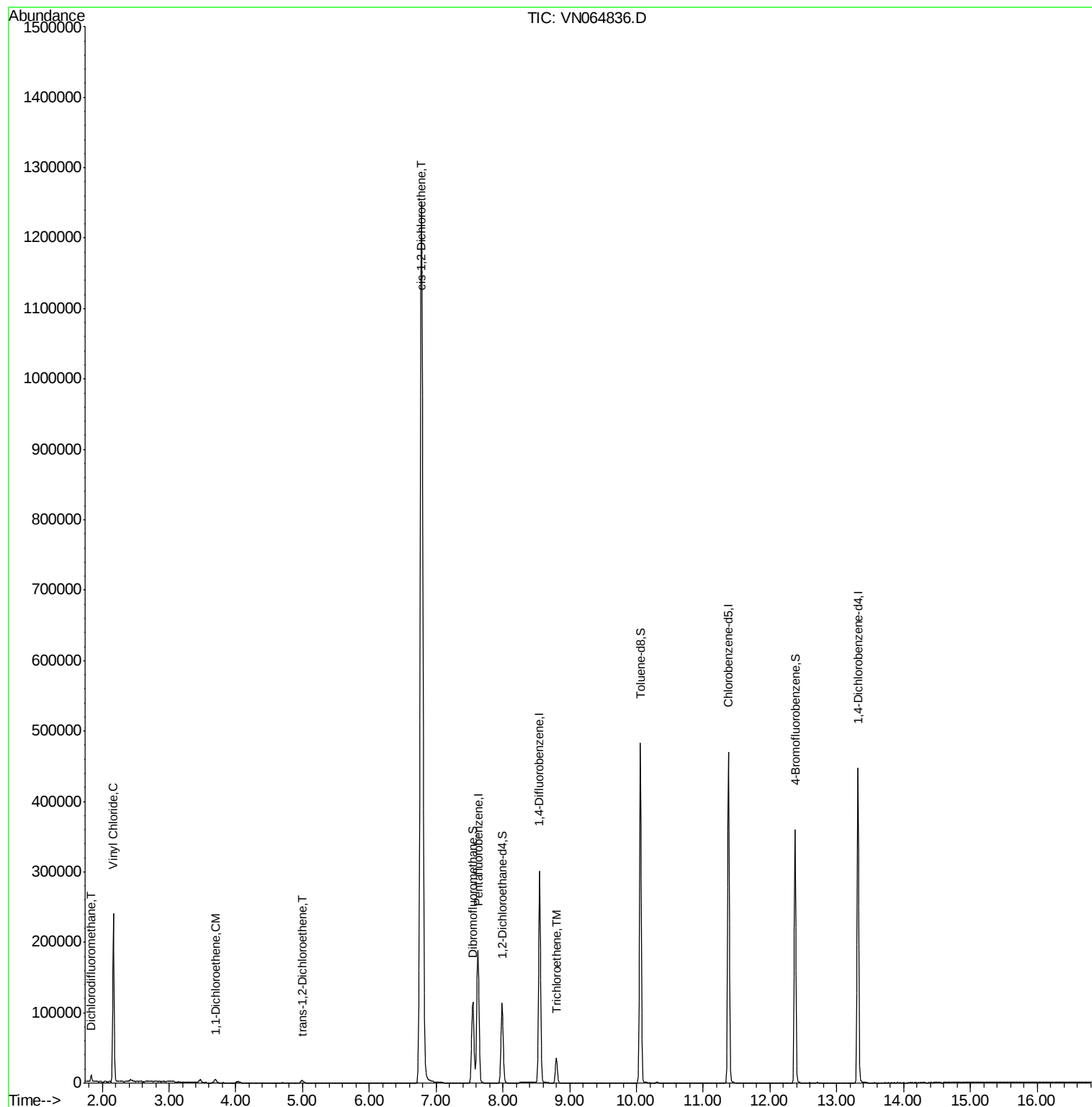
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064836.D
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ALS Vial : 42 Sample Multiplier: 1

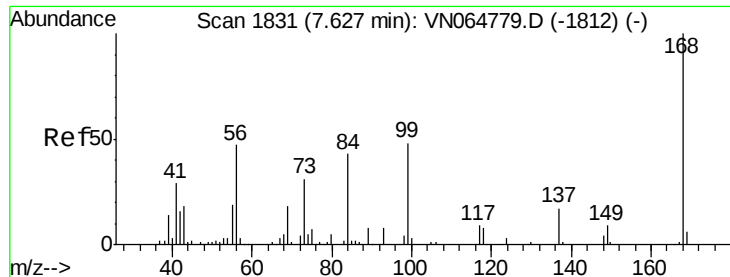
Instrument :
MSVOA_N
ClientSampleId :
91BR-20201118

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Quant Time: Nov 25 06:36:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 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: VN064836.D

Acq: 25 Nov 2020 2:18

Instrument :

MSVOA_N

ClientSampleId :

91BR-20201118

Tot Ion:168 Resp: 162671

Ion Ratio Lower Upper

168 100

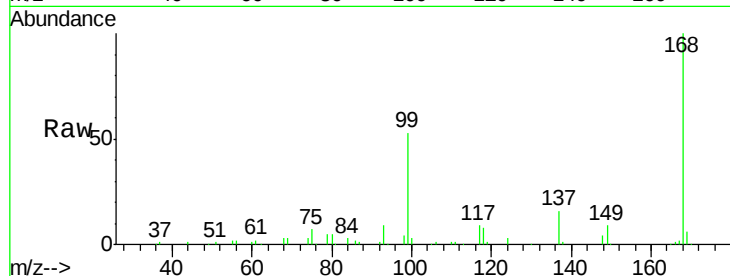
99 52.6 43.0 64.4

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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

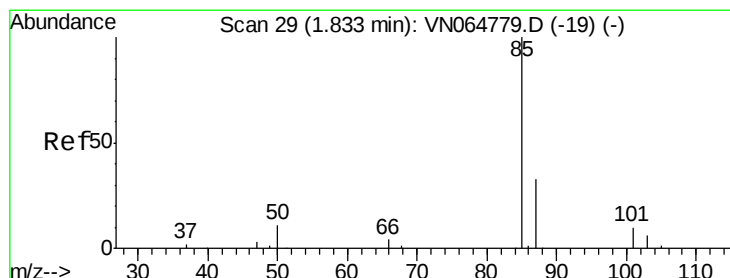
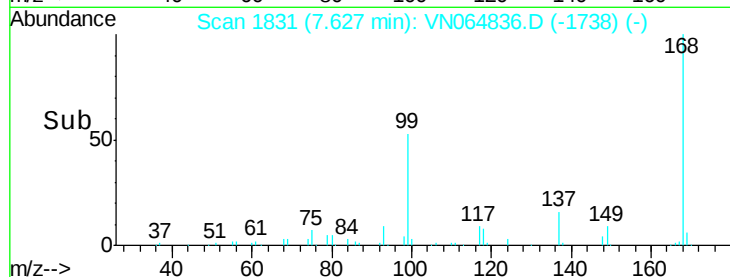
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 4.772 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064836.D

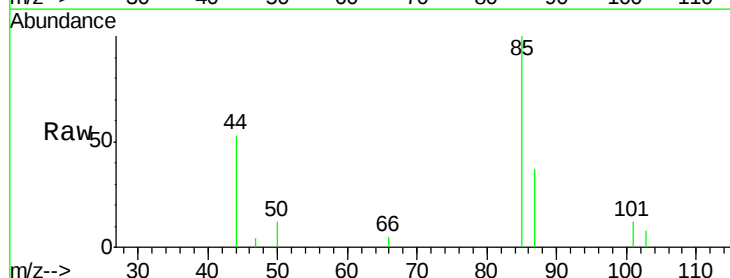
Acq: 25 Nov 2020 2:18

Tgt Ion: 85 Resp: 6728

Ion Ratio Lower Upper

85 100

87 37.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

5000

4000

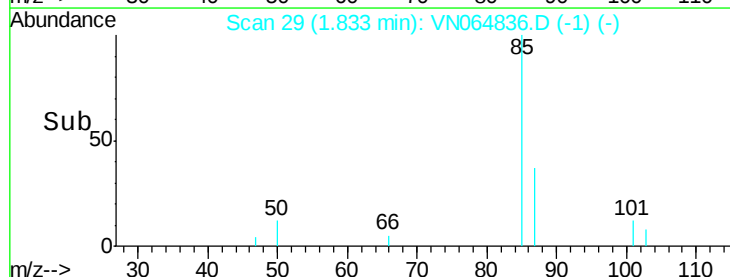
3000

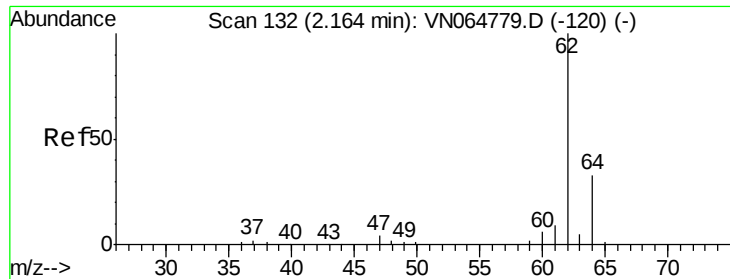
2000

1000

0

Time--> 1.80 1.85





#4

Vinyl Chloride

Concen: 112.710 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064836.D

Acq: 25 Nov 2020 2:18

Instrument :

MSVOA_N

ClientSampleId :

91BR-20201118

Tot Ion: 62 Resp: 215284

Ion Ratio Lower Upper

62 100

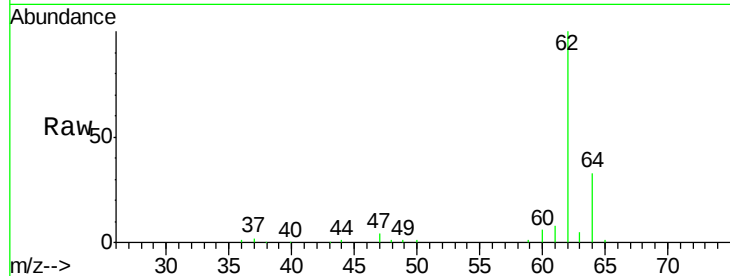
64 32.8 26.5 39.7

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Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

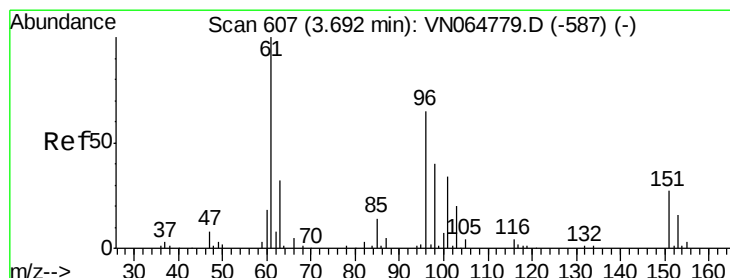
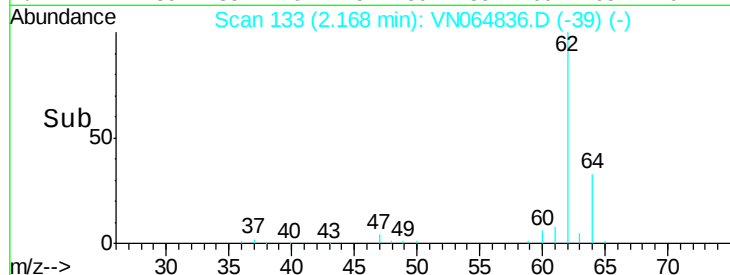
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.892 ug/l

RT: 3.69 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064836.D

Acq: 25 Nov 2020 2:18

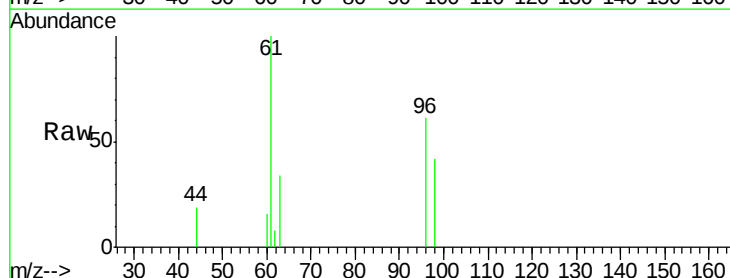
Tgt Ion: 96 Resp: 2984

Ion Ratio Lower Upper

96 100

61 150.7 123.4 185.2

98 68.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

2500

2000

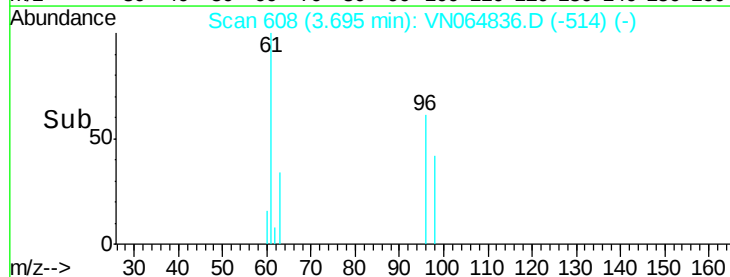
1500

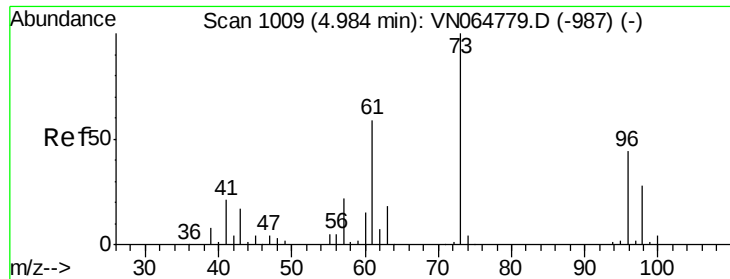
1000

500

0

Time-->





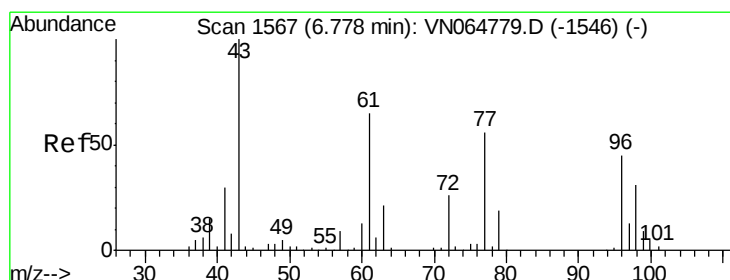
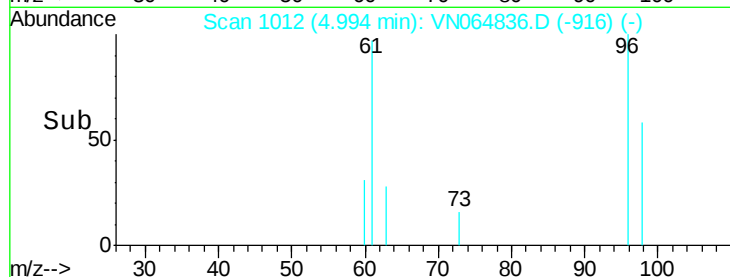
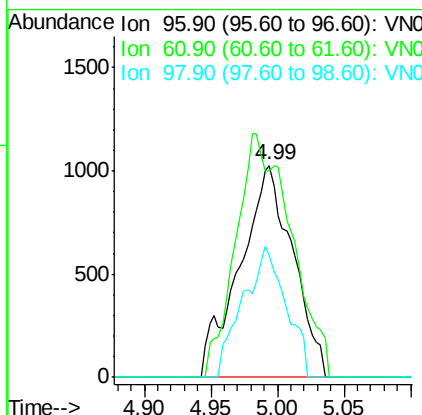
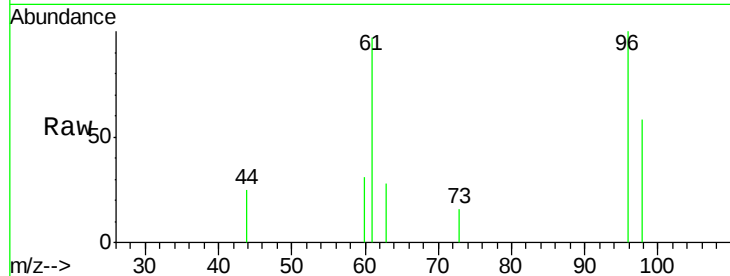
#21
trans-1,2-Dichloroethene
Concen: 1.624 ug/l m
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064836.D
Acq: 25 Nov 2020 2:18

Instrument :
MSVOA_N
ClientSampleId :
91BR-20201118

Tot Ion: 96 Resp: 2844
Ion Ratio Lower Upper
96 100
61 97.5 108.4 162.6#
98 57.7 51.3 76.9

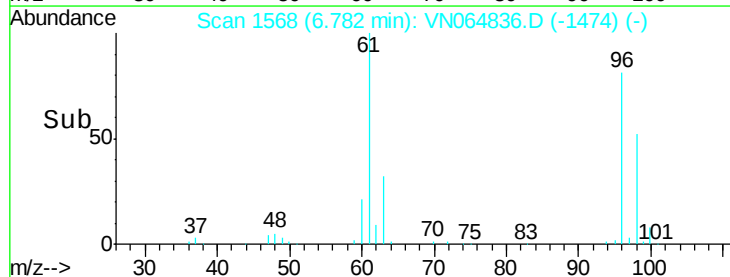
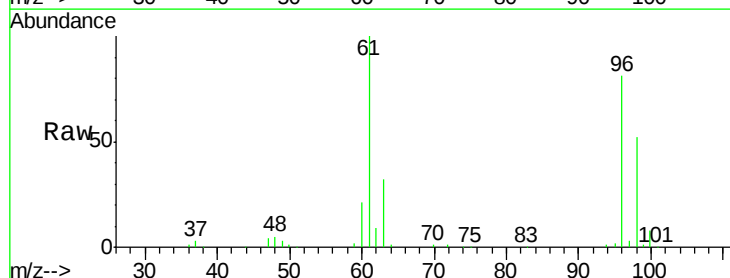
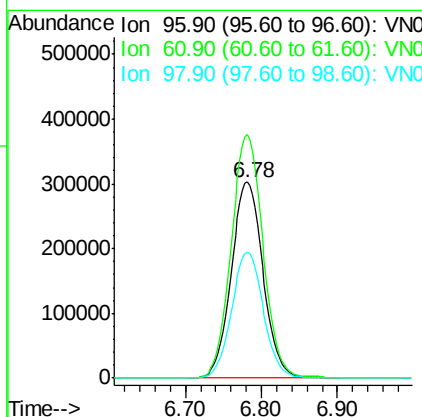
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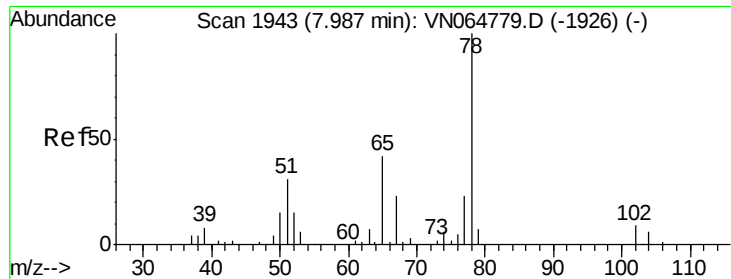
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#27
cis-1,2-Dichloroethene
Concen: 446.643 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064836.D
Acq: 25 Nov 2020 2:18

Tgt Ion: 96 Resp: 880396
Ion Ratio Lower Upper
96 100
61 124.6 0.0 285.8
98 64.3 0.0 130.6





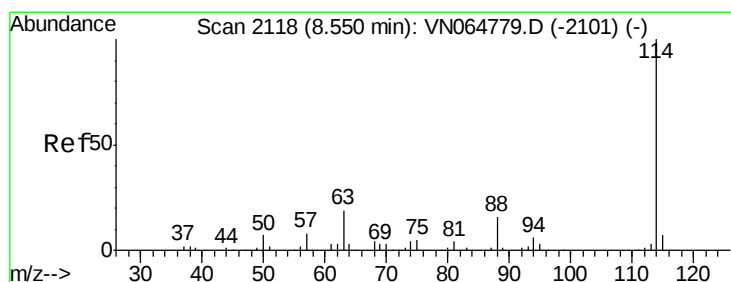
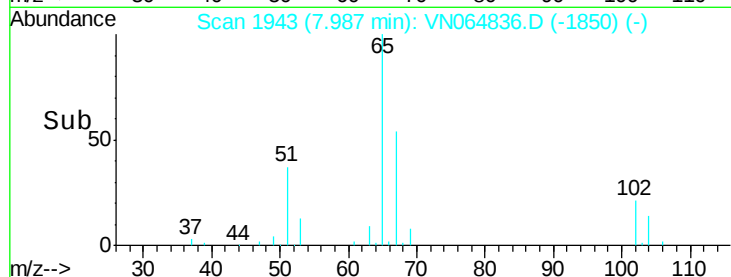
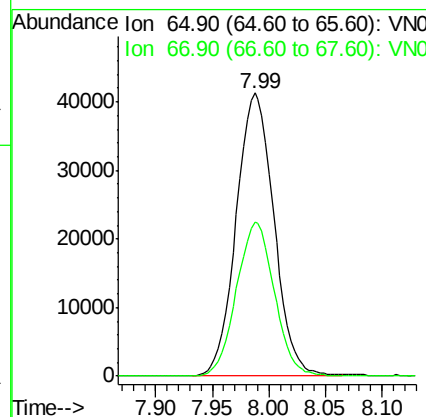
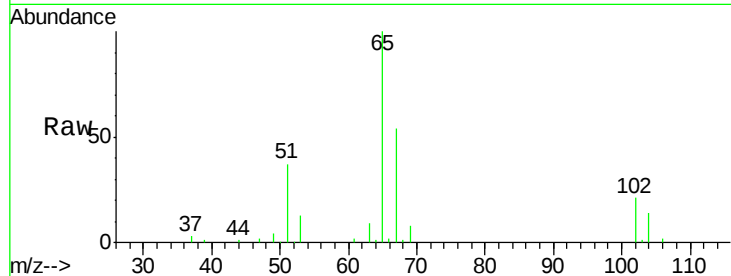
#33
 1,2-Dichloroethane-d4
 Concen: 50.749 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064836.D
 Acq: 25 Nov 2020 2:18

Instrument :
 MSVOA_N
 ClientSampleId :
 91BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.5	0.0	108.2	

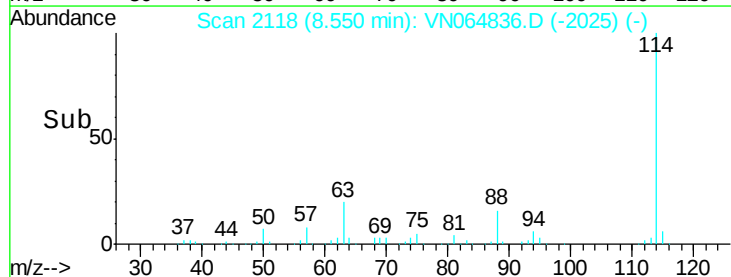
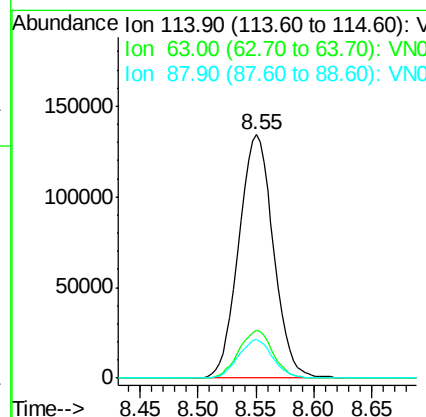
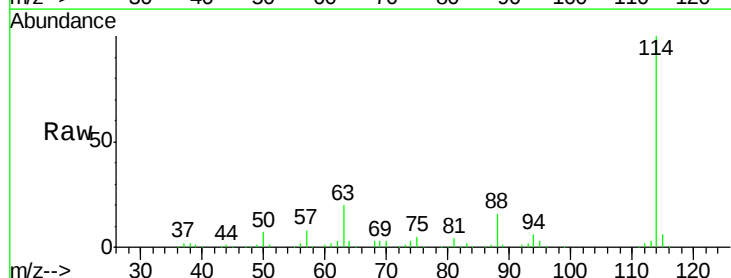
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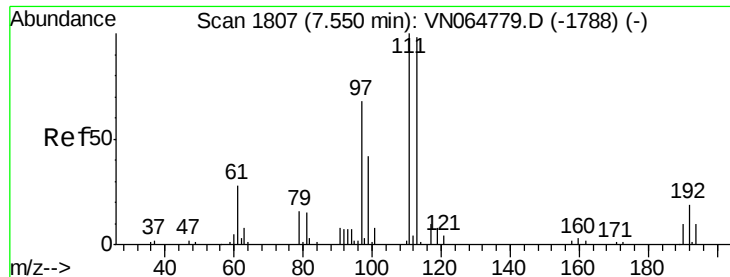
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064836.D
 Acq: 25 Nov 2020 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	38.6	
88	15.7	0.0	32.6	





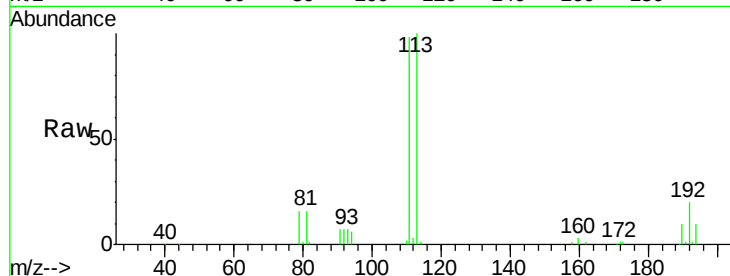
#35
 Dibromofluoromethane
 Concen: 54.638 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064836.D
 Acq: 25 Nov 2020 2:18

Instrument :
 MSVOA_N
 ClientSampleId :
 91BR-20201118

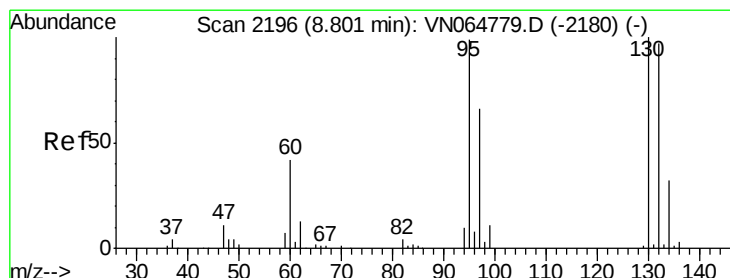
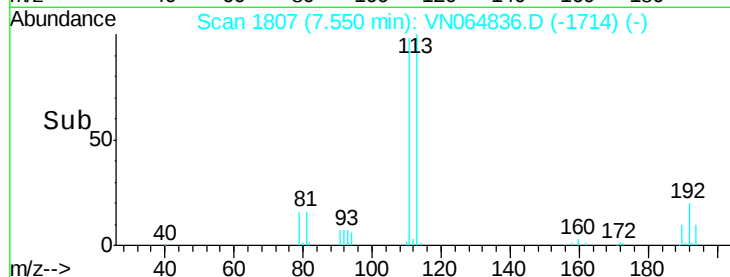
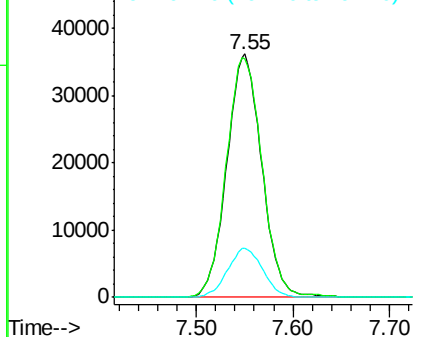
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.6	122.4
192	20.3	16.2	24.2

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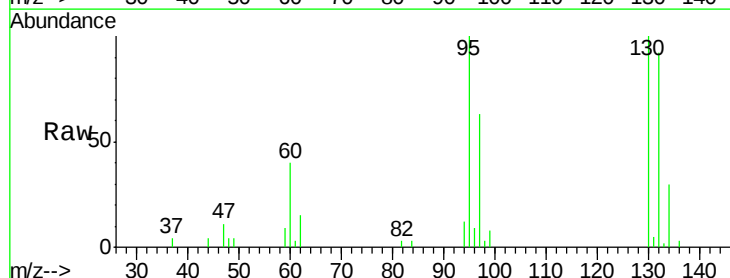


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

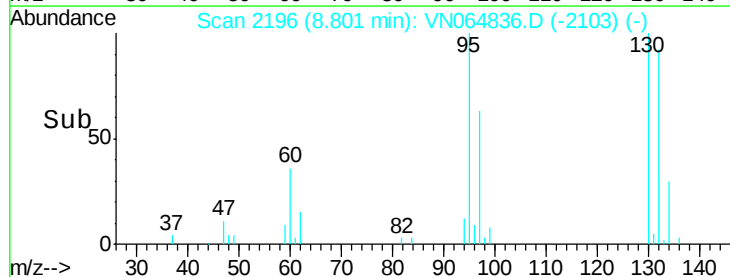
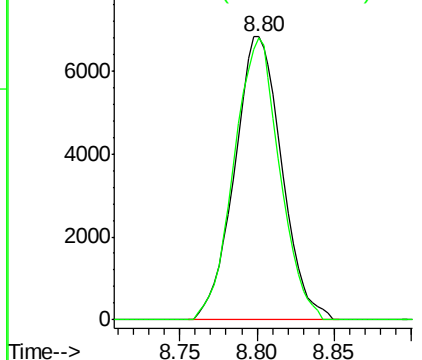


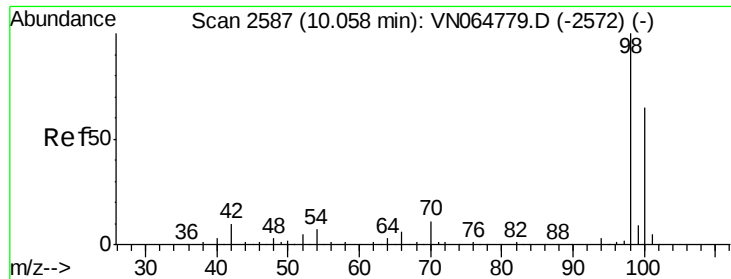
#44
 Trichloroethene
 Concen: 6.211 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064836.D
 Acq: 25 Nov 2020 2:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	197.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





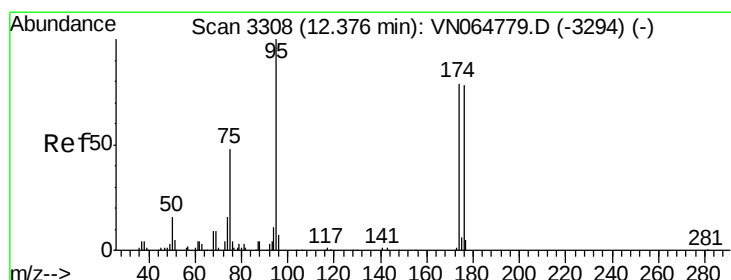
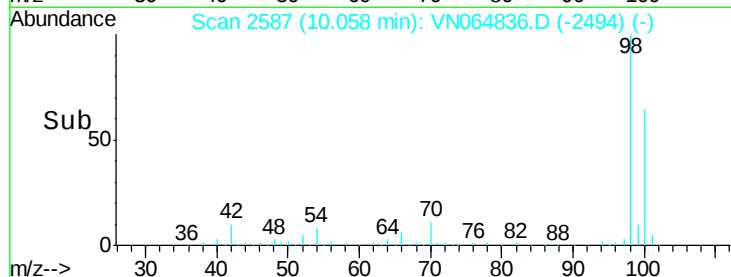
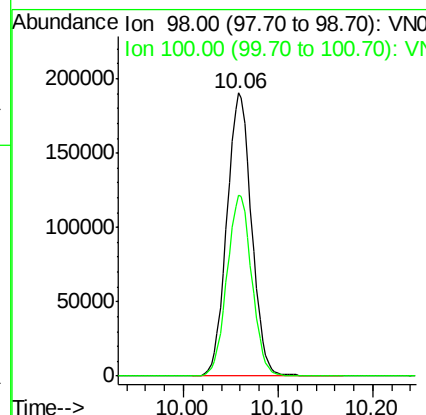
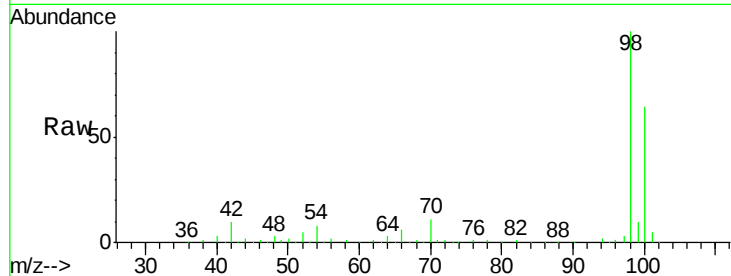
#50
Toluene-d8
Concen: 51.002 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064836.D
Acq: 25 Nov 2020 2:18

Instrument :
MSVOA_N
ClientSampleId :
91BR-20201118

Tot Ion: 98 Resp: 346257
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

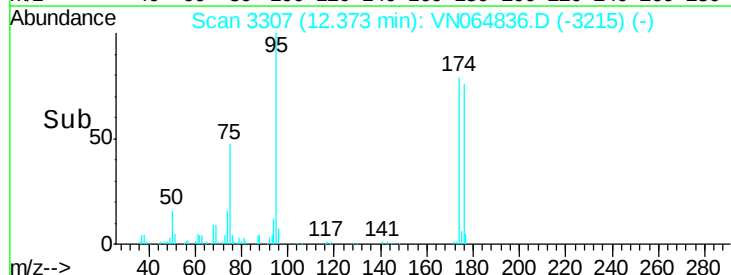
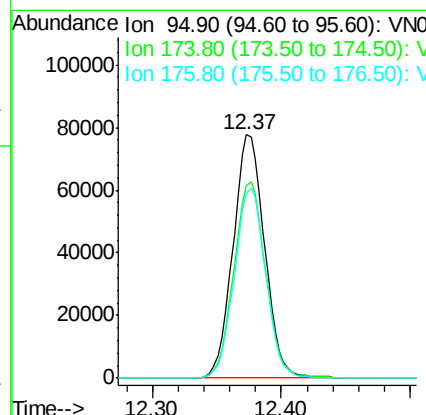
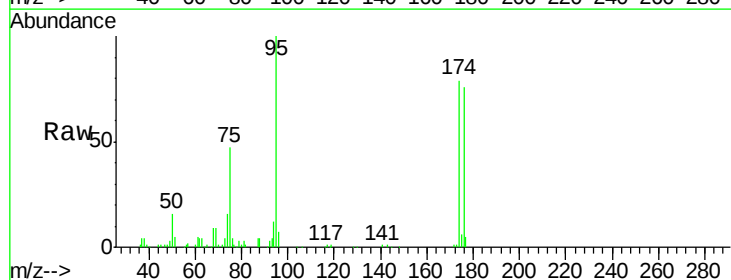
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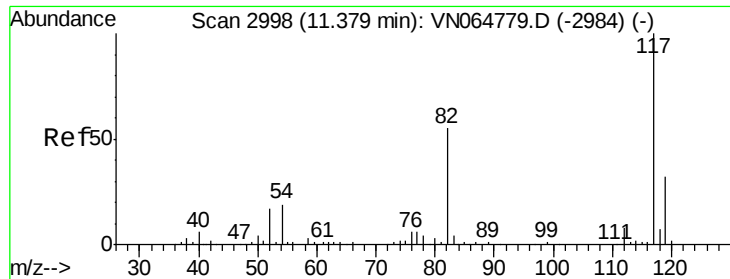
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#62
4-Bromofluorobenzene
Concen: 54.315 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064836.D
Acq: 25 Nov 2020 2:18

Tgt Ion: 95 Resp: 131969
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.4
176 77.8 0.0 158.4





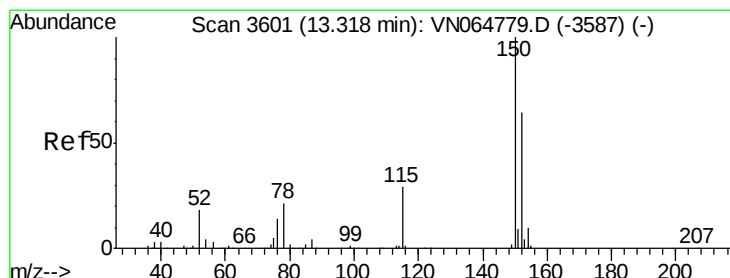
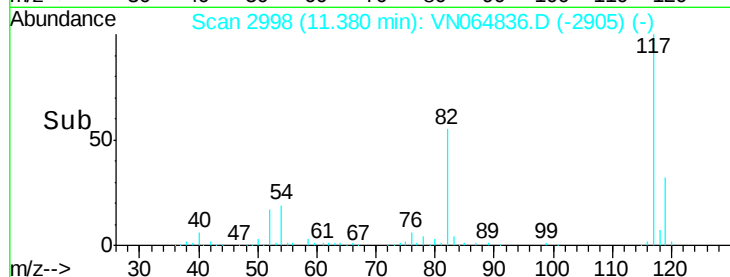
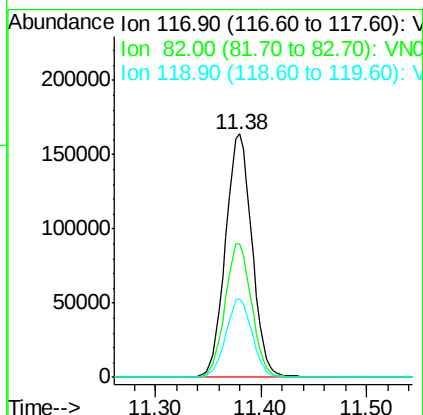
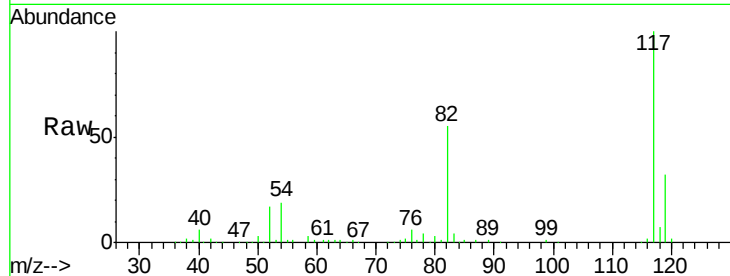
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064836.D
Acq: 25 Nov 2020 2:18

Instrument :
MSVOA_N
ClientSampleId :
91BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
117	100	285118		
82	54.6	44.2	66.2	
119	32.1	25.8	38.6	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064836.D
Acq: 25 Nov 2020 2:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	127143		
115	58.8	29.7	89.1	
150	157.6	0.0	350.6	

