

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064555.D
 Acq On : 11 Nov 2020 15:13
 Operator : JC/MD
 Sample : L4684-05DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-438-440DL

Manual Integrations
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MMDadoda
 11/12/2020 9:12:38 AM

Quant Time: Nov 12 02:26:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	240134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	488723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	512850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	236208	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
35) Dibromofluoromethane	7.55	113	174457	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.06	98	636014	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.38	95	236729	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
12) 1,1-Dichloroethene	3.70	96	1384m	0.539	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	17340	5.132	ug/l	93
44) Trichloroethene	8.80	130	269684	70.454	ug/l	100
45) 1,2-Dichloropropane	9.08	63	9611	2.374	ug/l	99
64) Tetrachloroethene	10.60	164	20354	5.152	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	2194m	0.483	ug/l	

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

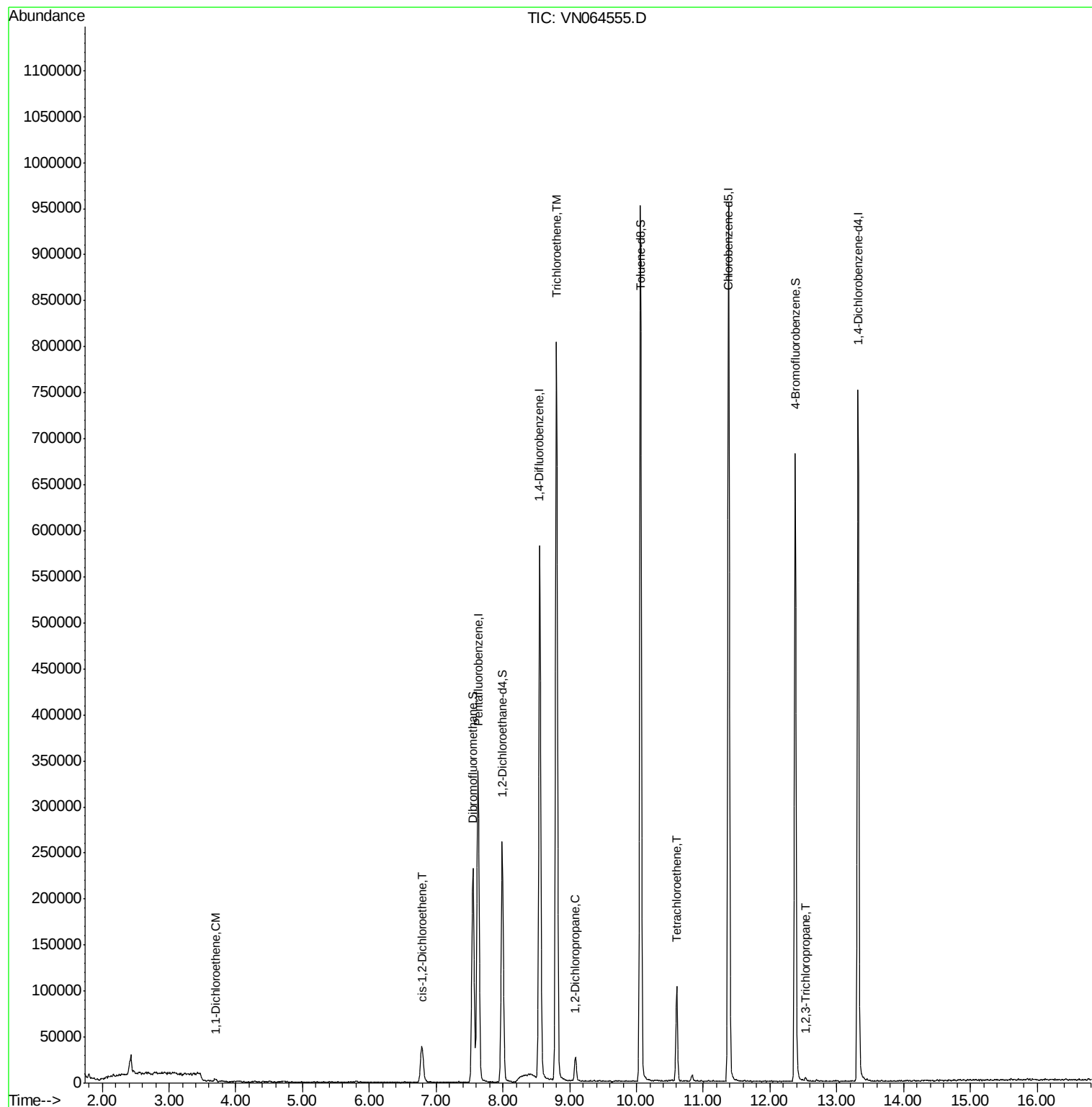
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064555.D
Acq On : 11 Nov 2020 15:13
Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: Nov 12 02:26:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064555.D

Acq: 11 Nov 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-438-440DL

Tot Ion:168 Resp: 240134

Ion Ratio Lower Upper

168 100

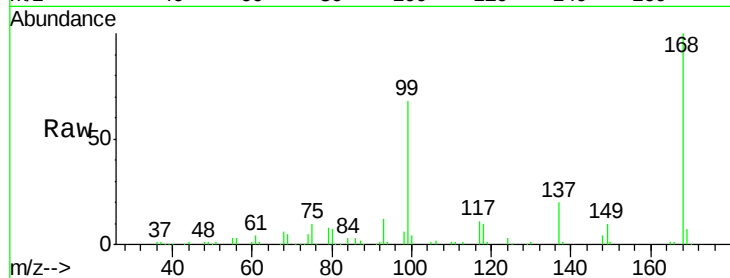
99 68.2 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

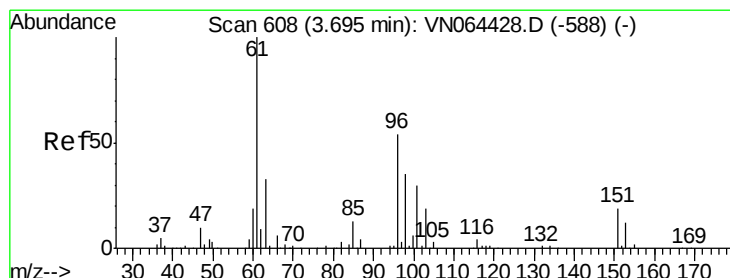
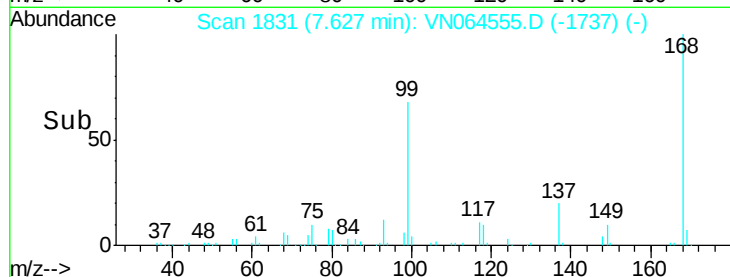
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#12

1,1-Dichloroethene

Concen: 0.539 ug/l m

RT: 3.70 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN064555.D

Acq: 11 Nov 2020 15:13

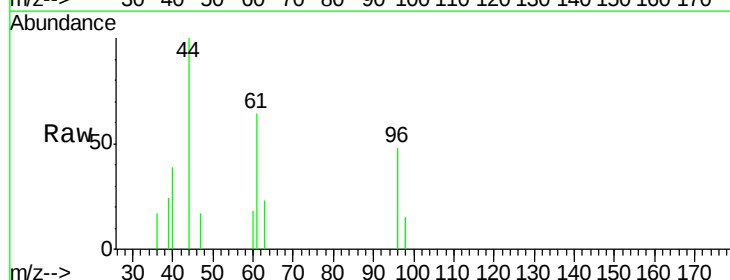
Tgt Ion: 96 Resp: 1384

Ion Ratio Lower Upper

96 100

61 134.7 149.5 224.3#

98 31.8 52.4 78.6#



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

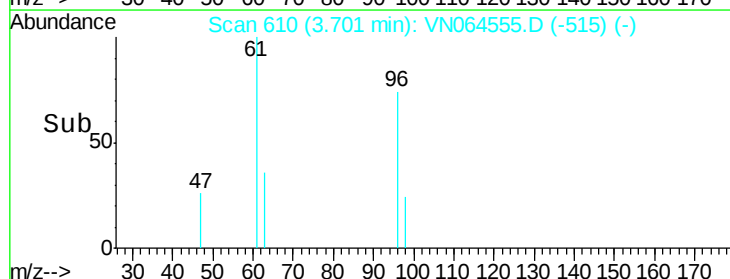
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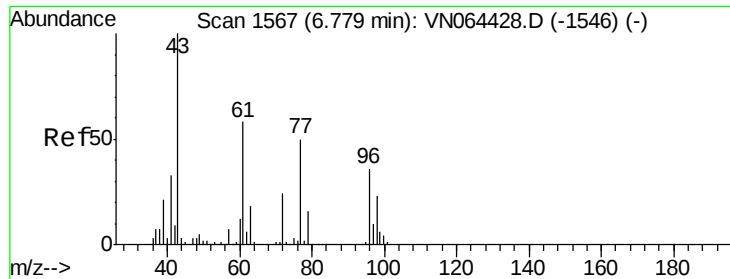
500

0

3.65 3.70 3.75

Time-->





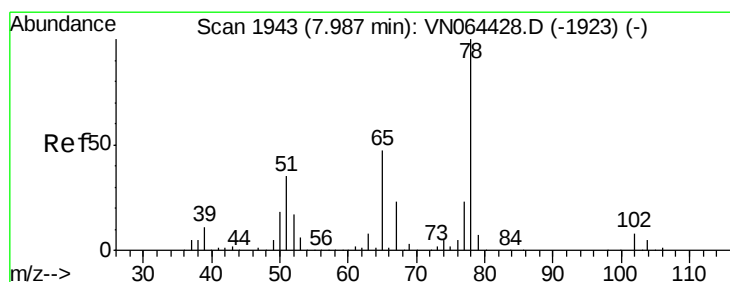
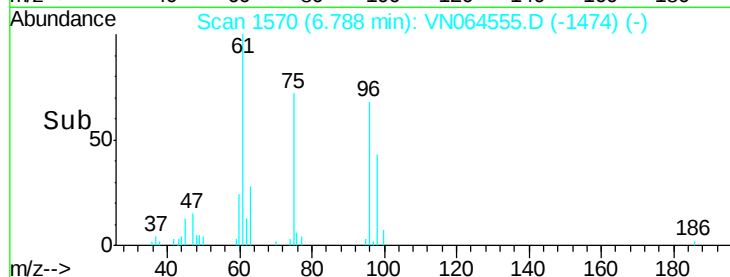
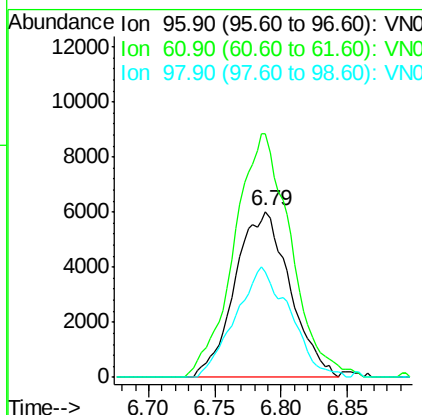
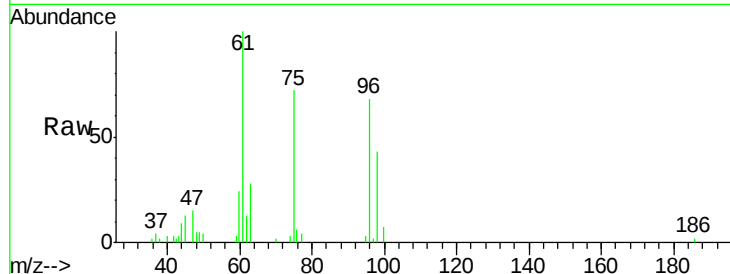
#27
 cis-1,2-Dichloroethene
 Concen: 5.132 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN064555.D
 Acq: 11 Nov 2020 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-438-440DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	329.6
98	66.1	0.0	131.2

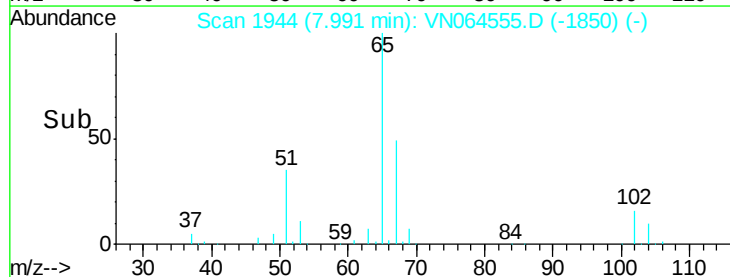
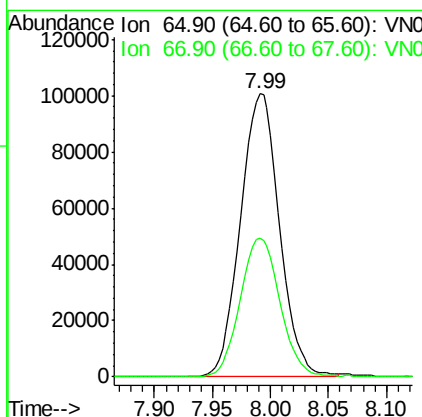
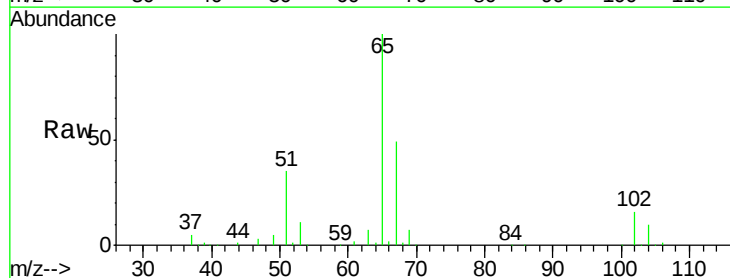
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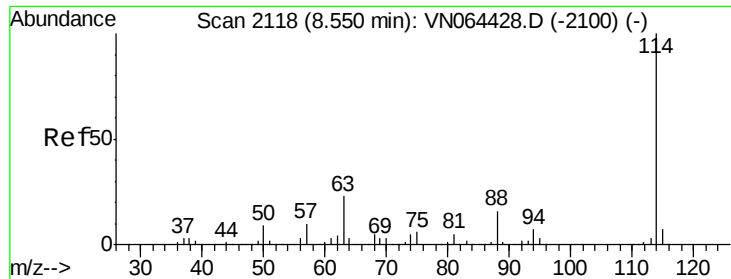
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#33
 1,2-Dichloroethane-d4
 Concen: 56.472 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064555.D
 Acq: 11 Nov 2020 15:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.6





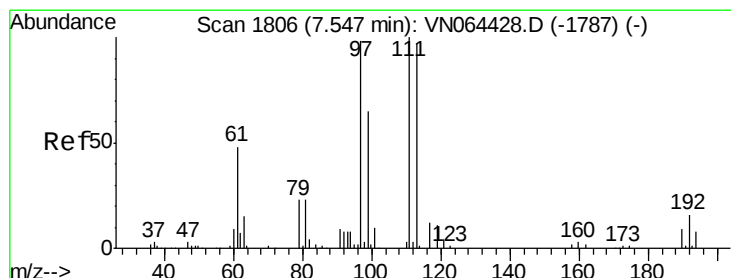
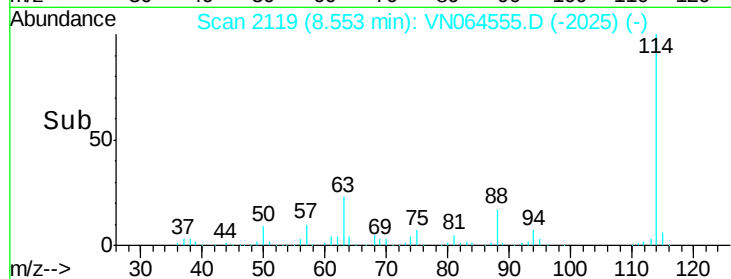
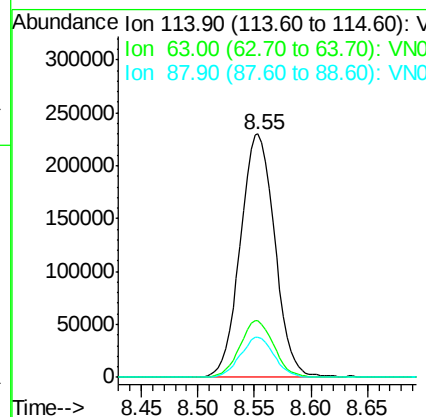
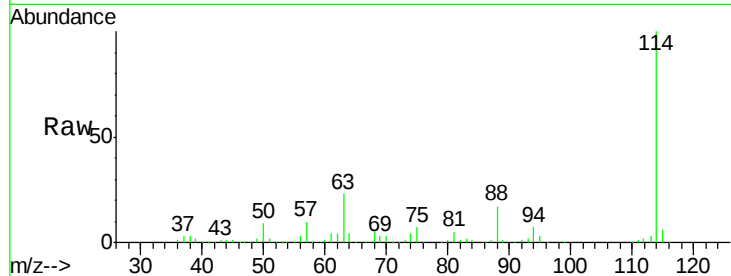
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064555.D
Acq: 11 Nov 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-438-440DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	488723		
63	23.3	0.0	45.6	
88	16.5	0.0	32.8	

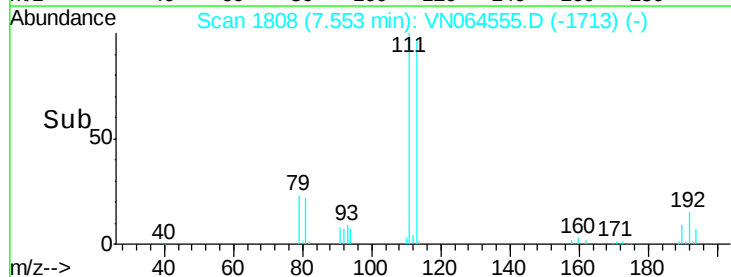
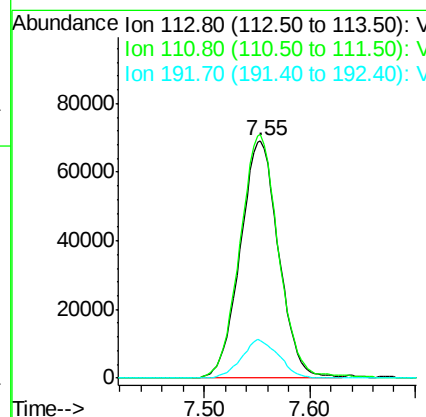
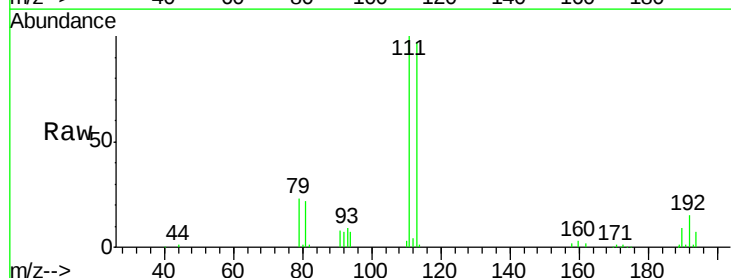
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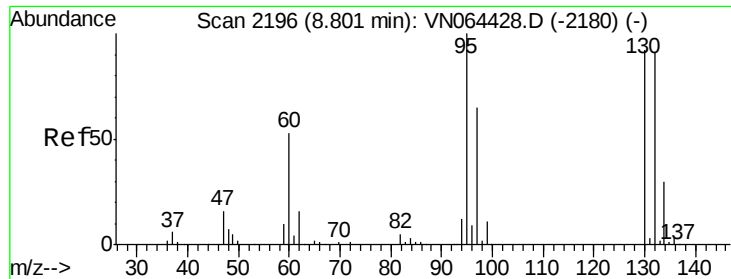
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#35
Dibromofluoromethane
Concen: 52.428 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064555.D
Acq: 11 Nov 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	174457		
111	103.8	81.1	121.7	
192	15.9	12.8	19.2	





#44

Trichloroethene

Concen: 70.454 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064555.D

Acq: 11 Nov 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-438-440DL

Tot Ion:130 Resp: 269684

Ion Ratio Lower Upper

130 100

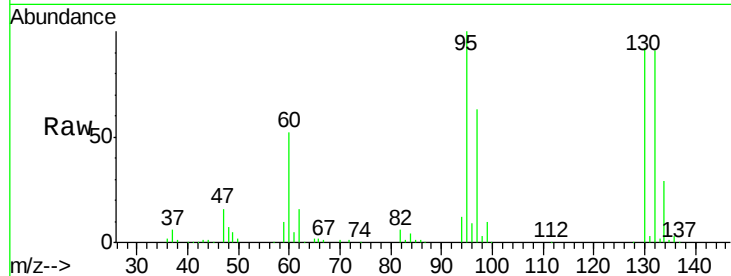
95 108.2 0.0 216.8

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

150000

100000

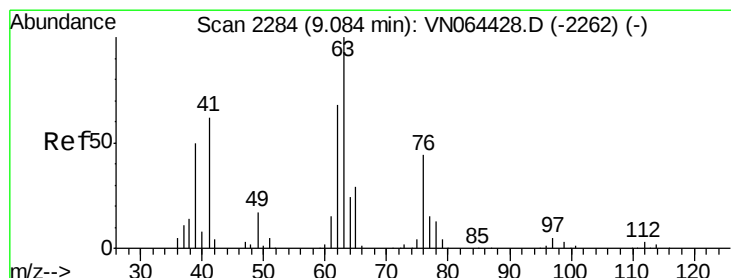
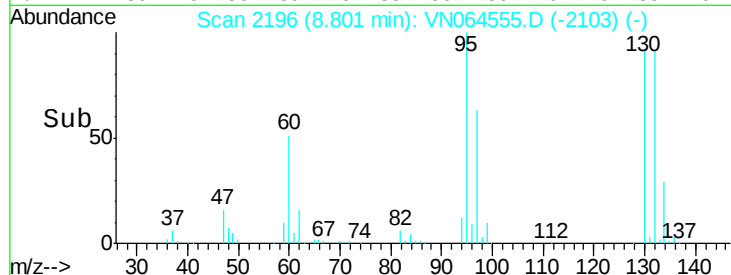
50000

0

8.80

8.75 8.80 8.85 8.90

Time-->



#45

1,2-Dichloropropane

Concen: 2.374 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064555.D

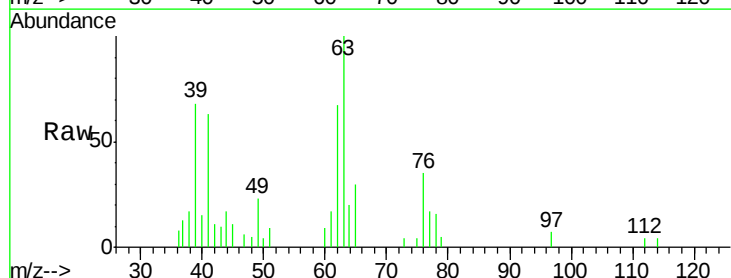
Acq: 11 Nov 2020 15:13

Tgt Ion: 63 Resp: 9611

Ion Ratio Lower Upper

63 100

65 30.2 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

5000

4000

3000

2000

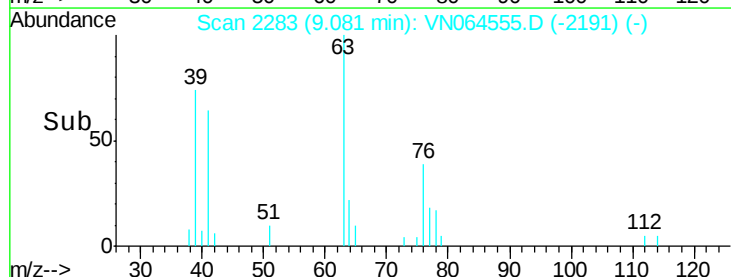
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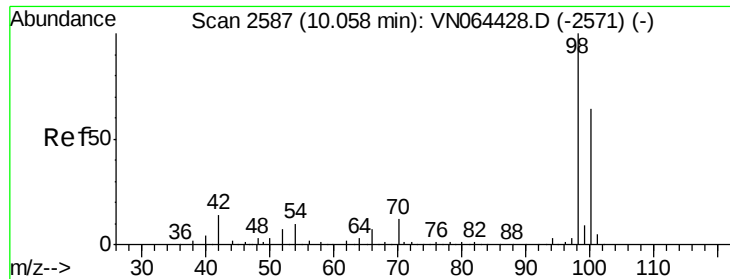
0

9.08

9.05 9.10 9.15

Time-->





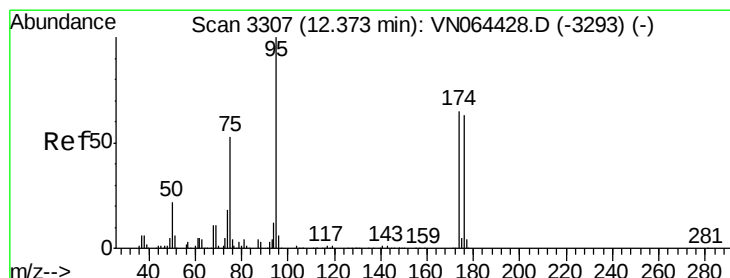
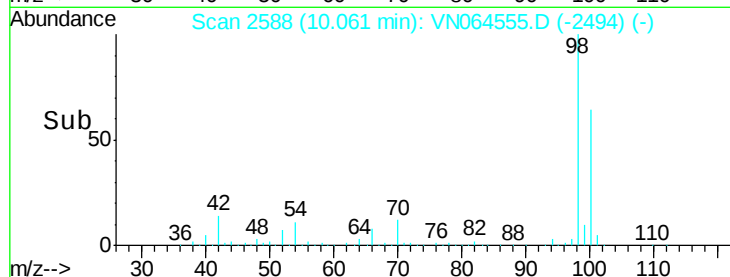
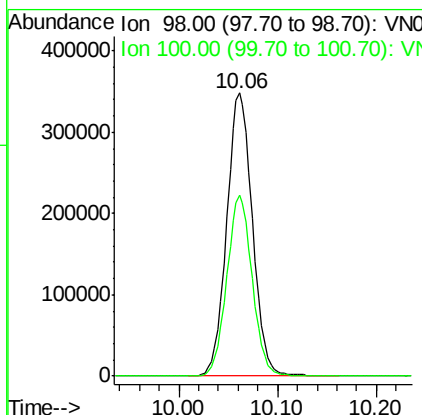
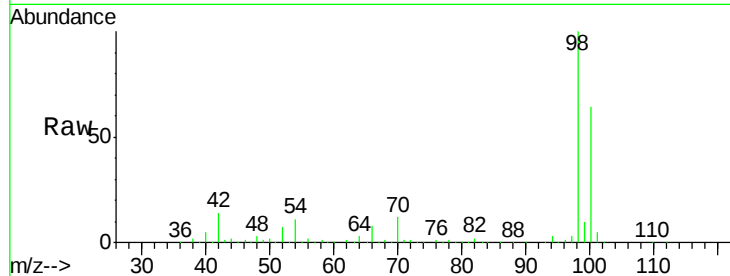
#50
Toluene-d8
Concen: 49.453 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064555.D
Acq: 11 Nov 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-438-440DL

Tot Ion: 98 Resp: 636014
Ion Ratio Lower Upper
98 100
100 62.6 50.7 76.1

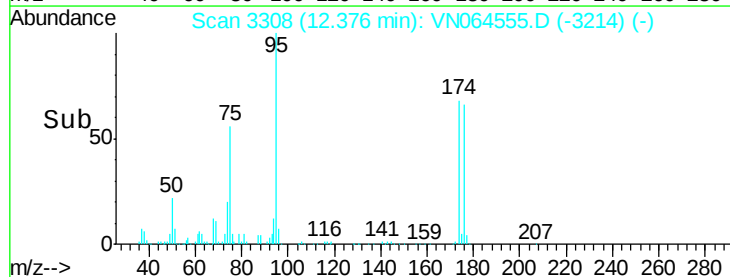
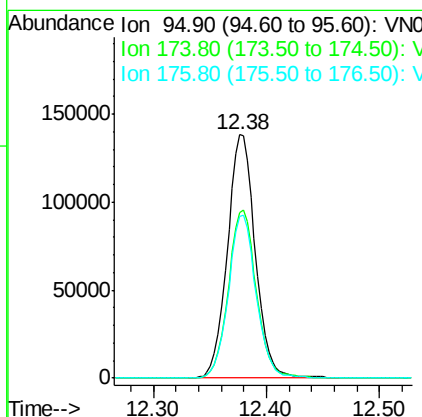
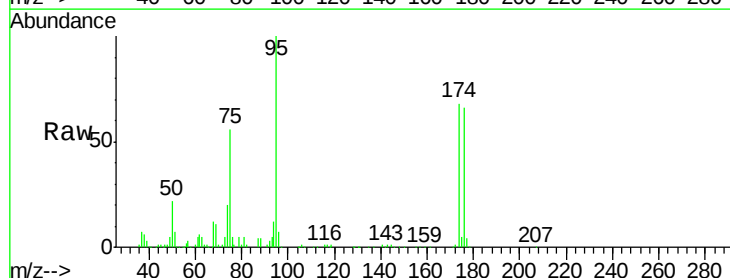
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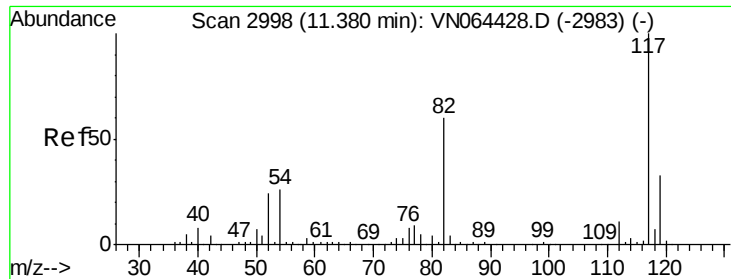
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#62
4-Bromofluorobenzene
Concen: 48.671 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064555.D
Acq: 11 Nov 2020 15:13

Tgt Ion: 95 Resp: 236729
Ion Ratio Lower Upper
95 100
174 69.5 0.0 132.6
176 66.8 0.0 129.2





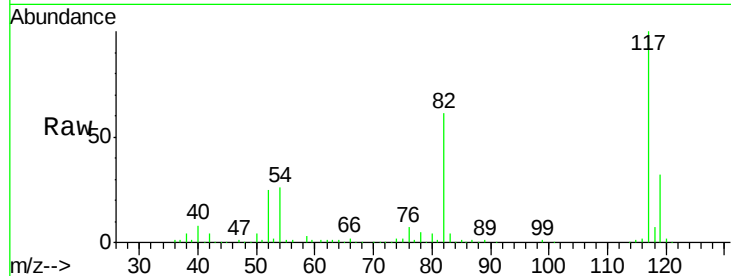
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064555.D
Acq: 11 Nov 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-438-440DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	48.1	72.1
119	32.4	26.2	39.4

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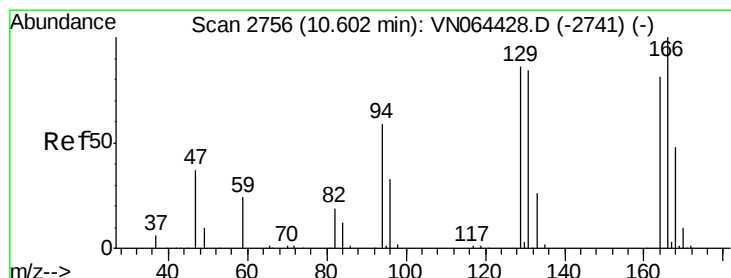
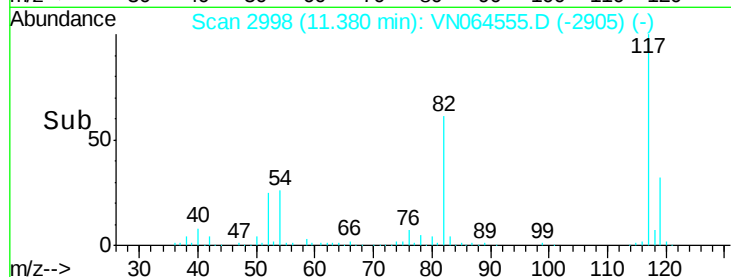
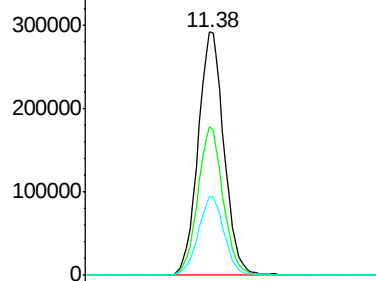


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 5.152 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064555.D
Acq: 11 Nov 2020 15:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	98.2	147.2
129	108.7	84.6	127.0
131	98.6	82.2	123.2

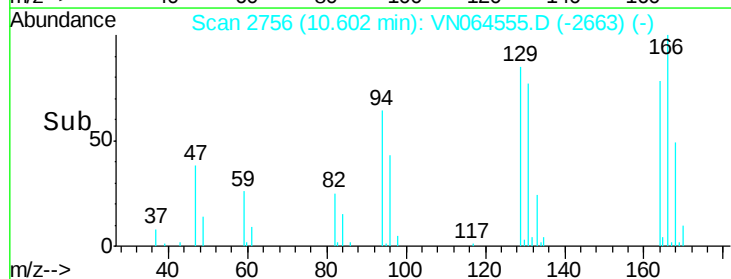
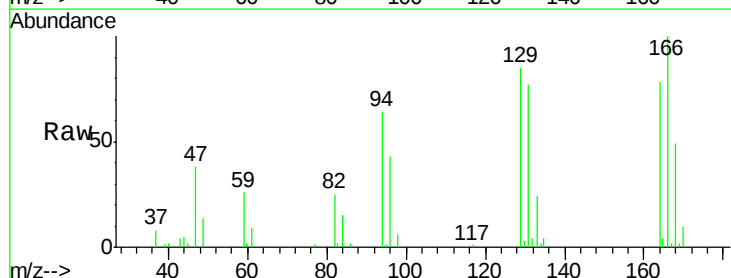
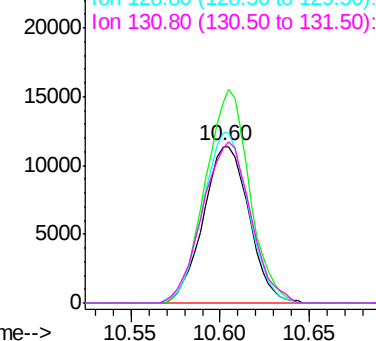
Abundance

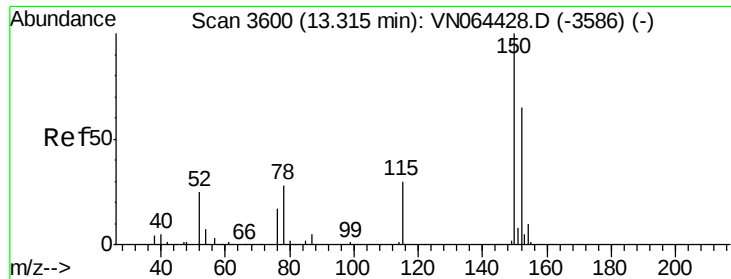
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064555.D

Acq: 11 Nov 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-438-440DL

Tot Ion:152 Resp: 187376

Ion Ratio Lower Upper

152 100

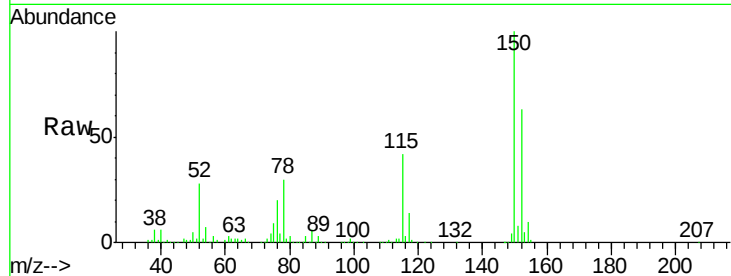
115 65.2 32.0 96.0

150 156.9 0.0 353.8

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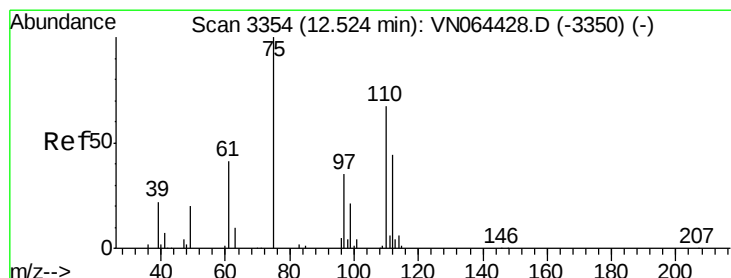
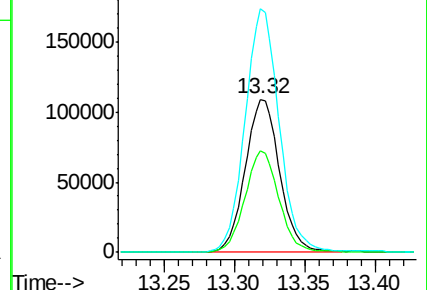
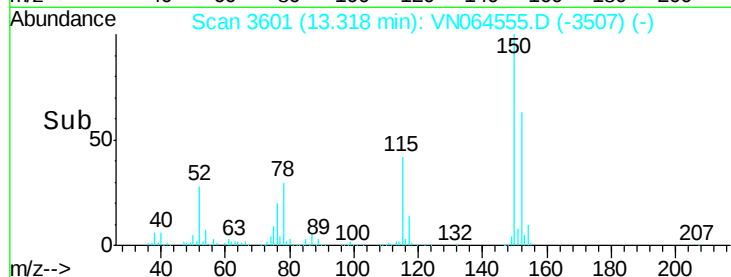
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 0.483 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.01 min

Lab File: VN064555.D

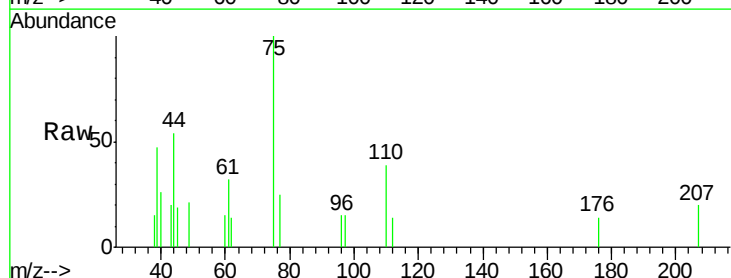
Acq: 11 Nov 2020 15:13

Tgt Ion: 75 Resp: 2194

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

