

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064531.D
 Acq On : 10 Nov 2020 17:25
 Operator : JC/MD
 Sample : L4684-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-518-520

Manual Integrations
 APPROVED

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 11/11/2020 1:01:55 PM

Quant Time: Nov 11 04:07:16 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	237170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	491632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	231991	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
35) Dibromofluoromethane	7.55	113	169602	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.06	98	624910	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.38	95	248162	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.69	96	68444	26.984	ug/l	97
16) Acetone	3.77	43	15639	9.938	ug/l #	80
20) Methylene Chloride	4.51	84	9452	3.027	ug/l	94
22) Diisopropyl ether	5.92	45	10570m	1.004	ug/l	
24) 1,1-Dichloroethane	5.80	63	195683	33.810	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	30431	5.640	ug/l	97
40) Benzene	8.01	78	1458446	95.562	ug/l	100
42) 1,2-Dichloroethane	8.09	62	161827	26.275	ug/l	98
44) Trichloroethene	8.80	130	4586	1.191	ug/l	82
49) 1,4-Dioxane	9.17	88	3814	68.178	ug/l #	77
64) Tetrachloroethene	10.60	164	2998	0.772	ug/l	93
69) o-Xylene	11.92	106	102155	14.819	ug/l	100
73) Isopropylbenzene	12.23	105	28684	1.907	ug/l	99

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

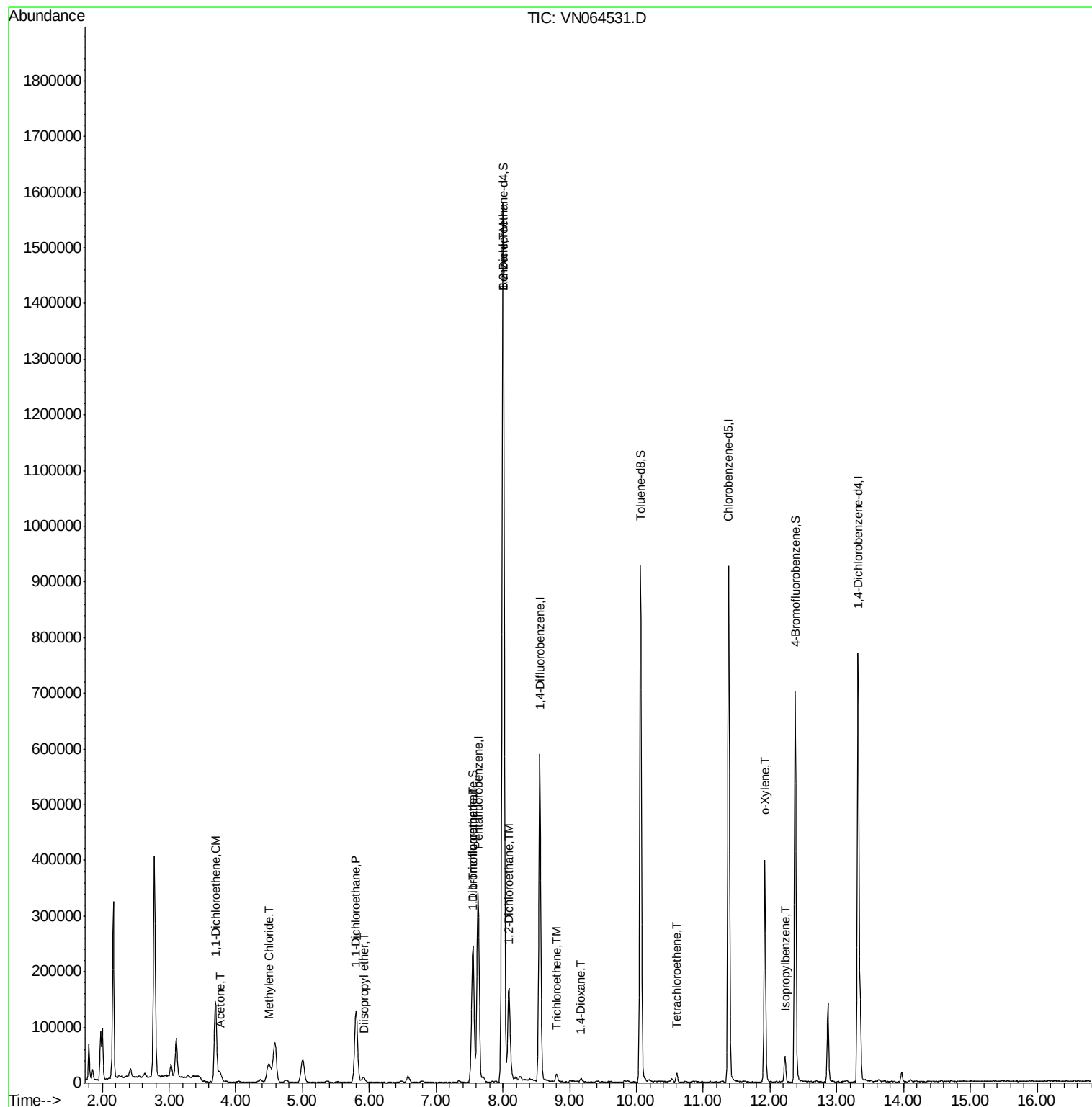
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064531.D
Acq On : 10 Nov 2020 17:25
Operator : JC/MD
Sample : L4684-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

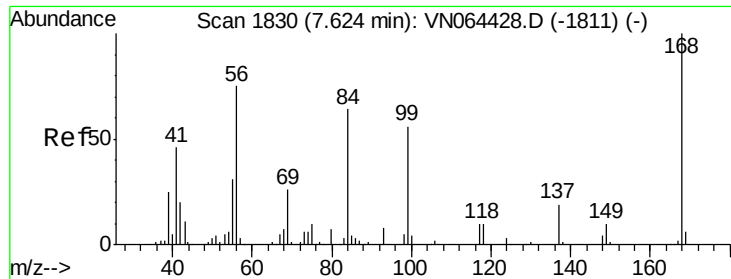
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

Manual Integrations
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11/11/2020 1:01:55 PM

Quant Time: Nov 11 04:07:16 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# 1832

Delta R.T. 0.01 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

Tot Ion:168 Resp: 237170

Ion Ratio Lower Upper

168 100

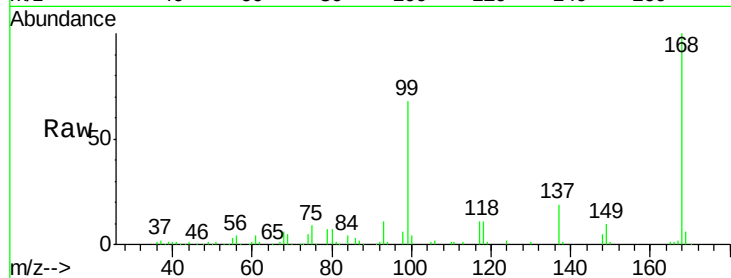
99 67.3 53.4 80.2

Manual Integrations

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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

100000

80000

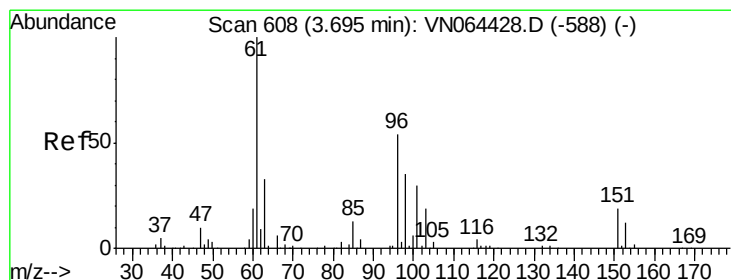
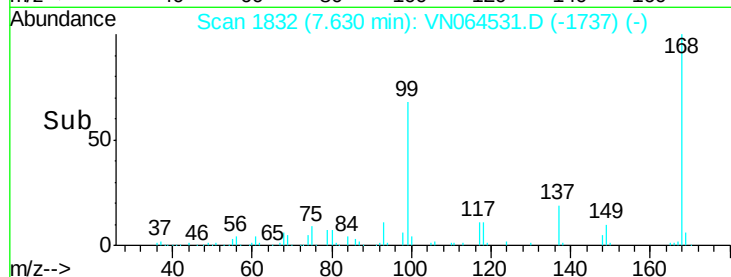
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#12

1,1-Dichloroethene

Concen: 26.984 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

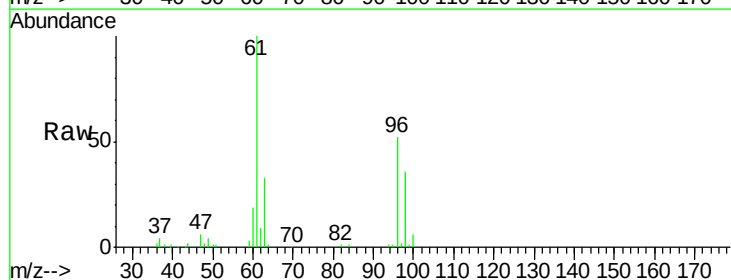
Tgt Ion: 96 Resp: 68444

Ion Ratio Lower Upper

96 100

61 191.1 149.5 224.3

98 68.3 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

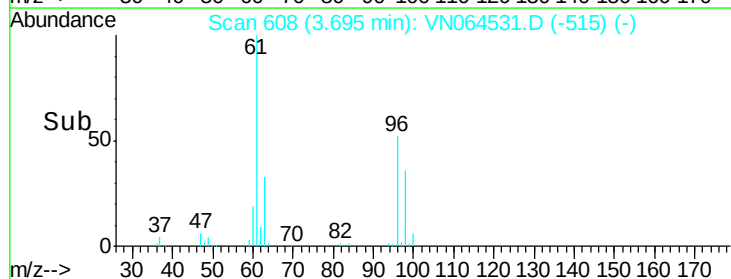
60000

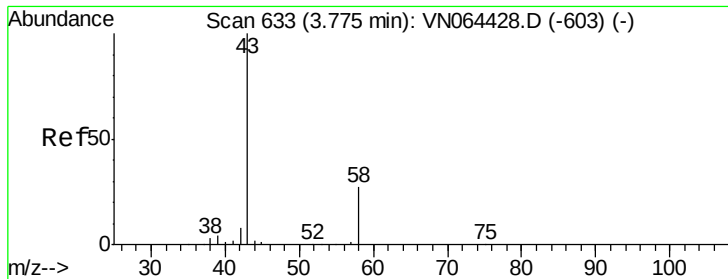
40000

20000

0

Time--> 3.60 3.65 3.70 3.75 3.80





#16

Acetone

Concen: 9.938 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

Tot Ion: 43 Resp: 15639

Ion Ratio Lower Upper

43 100

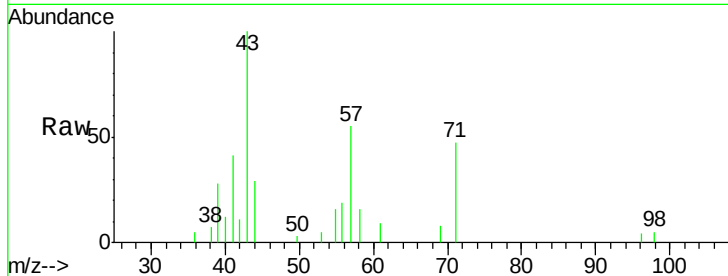
58 16.4 21.4 32.0#

Manual Integrations

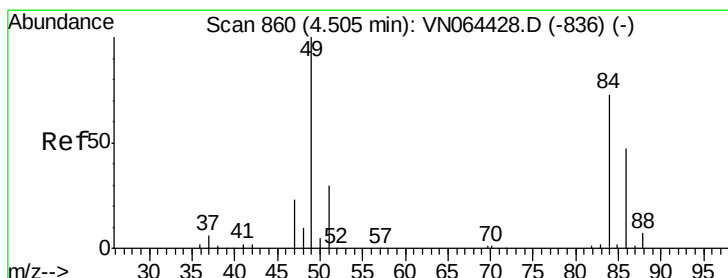
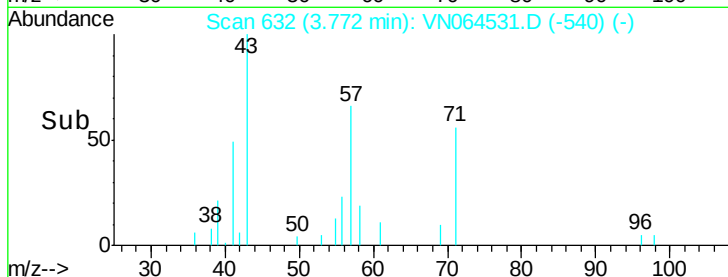
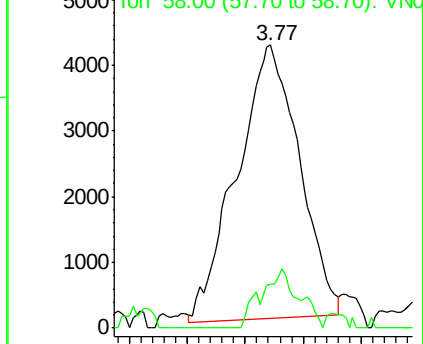
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Abundance Ion 43.00 (42.70 to 43.70): VN064531.D (-540) (-)



#20

Methylene Chloride

Concen: 3.027 ug/l

RT: 4.51 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Tgt Ion: 84 Resp: 9452

Ion Ratio Lower Upper

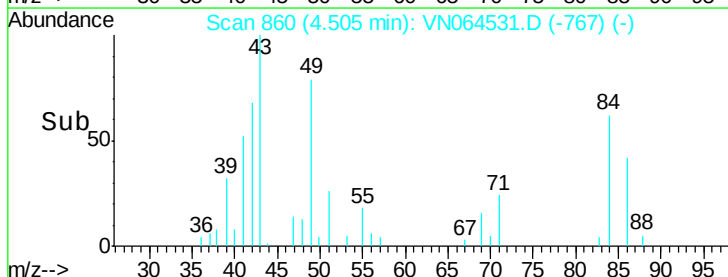
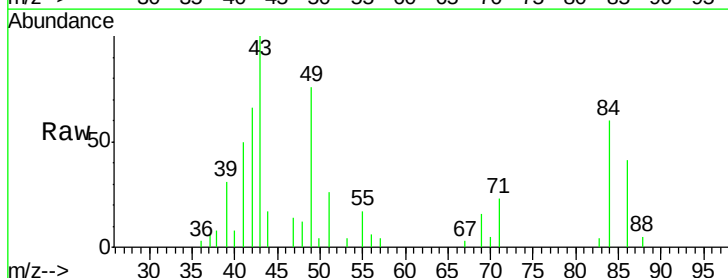
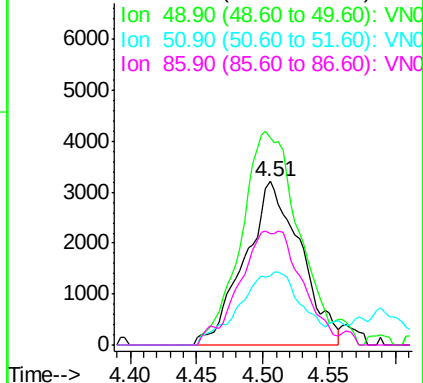
84 100

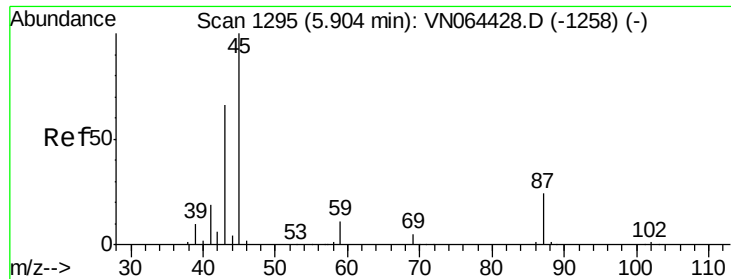
49 127.3 110.1 165.1

51 42.7 33.6 50.4

86 68.4 52.1 78.1

Abundance Ion 83.90 (83.60 to 84.60): VN064531.D (-767) (-)





#22

Diisopropyl ether

Concen: 1.004 ug/l m

RT: 5.92 min Scan# 1299

Delta R.T. 0.01 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

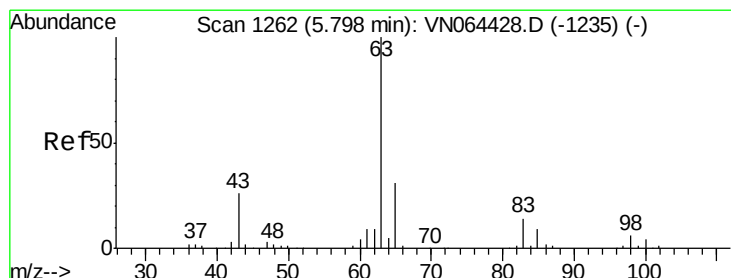
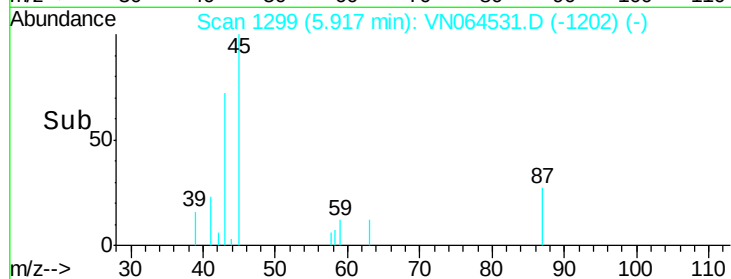
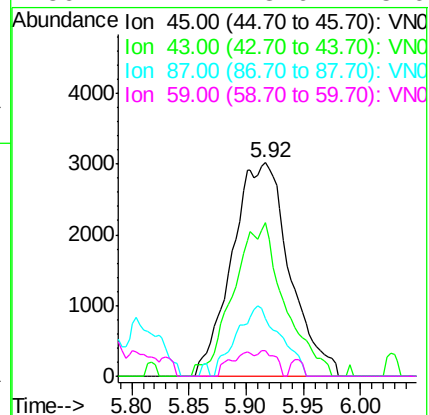
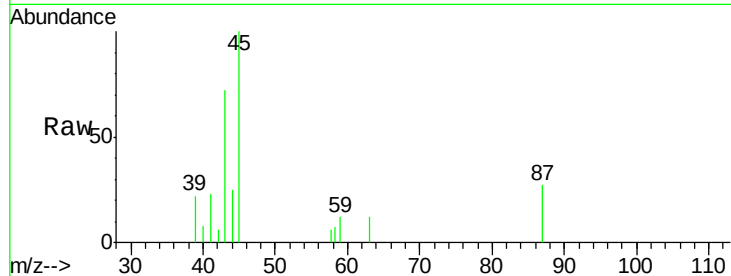
ClientSampleId :

BP-VPB178-GW-518-520

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	71.7	53.2	79.8	
87	27.2	19.9	29.9	
59	11.7	8.6	13.0	

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#24

1,1-Dichloroethane

Concen: 33.810 ug/l

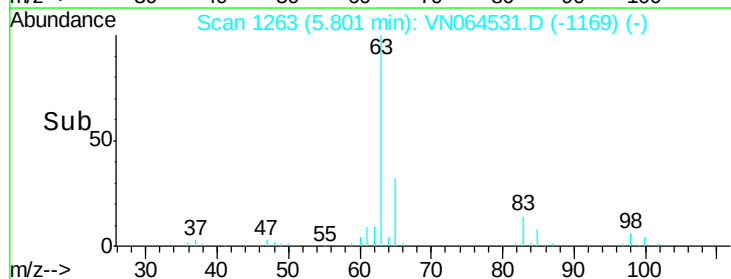
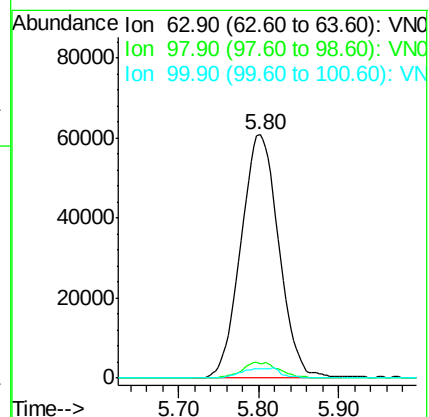
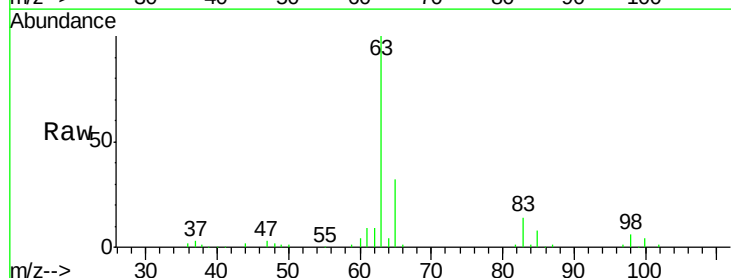
RT: 5.80 min Scan# 1263

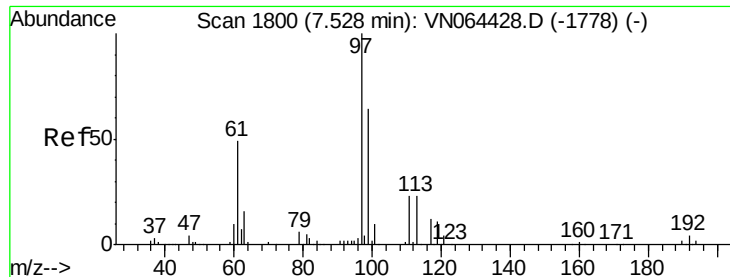
Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
98	6.2	3.0	9.2	
100	3.7	1.8	5.3	





#32

1,1,1-Trichloroethane

Concen: 5.640 ug/l

RT: 7.53 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

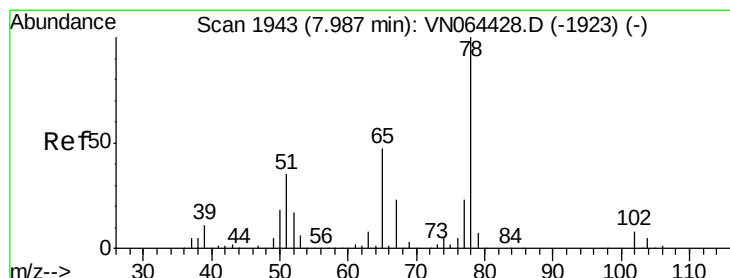
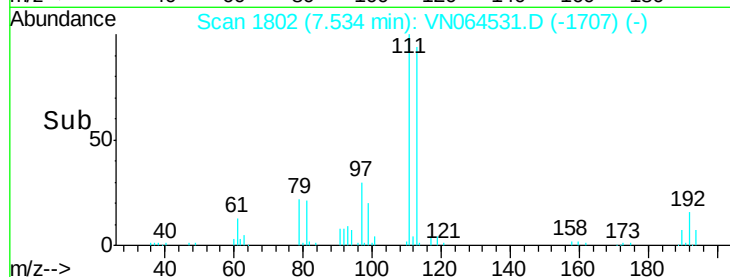
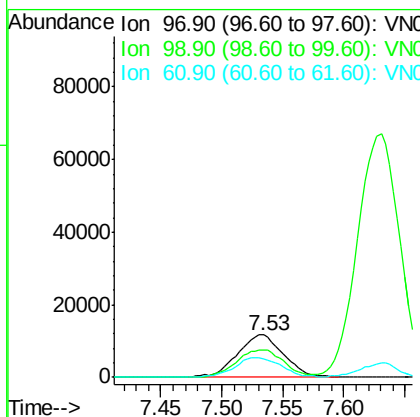
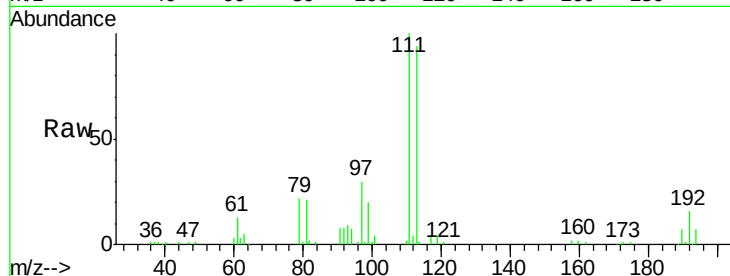
ClientSampleId :

BP-VPB178-GW-518-520

Tot Ion:	97	Resp:	30431
Ion	Ratio	Lower	Upper
97	100		
99	67.1	51.3	76.9
61	47.3	39.1	58.7

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#33

1,2-Dichloroethane-d4

Concen: 56.157 ug/l

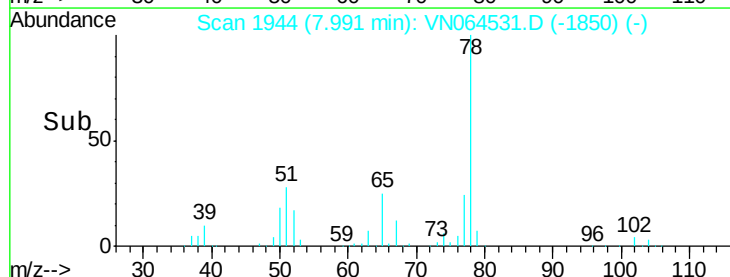
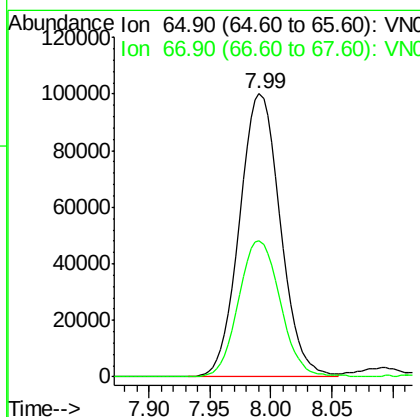
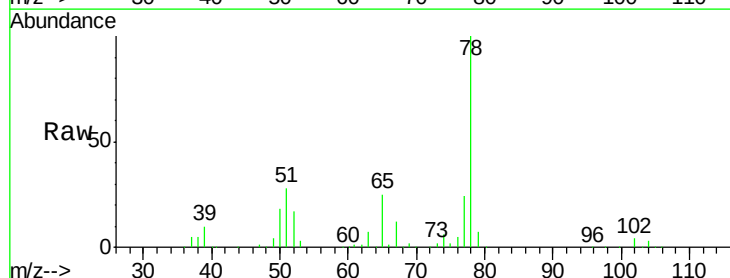
RT: 7.99 min Scan# 1944

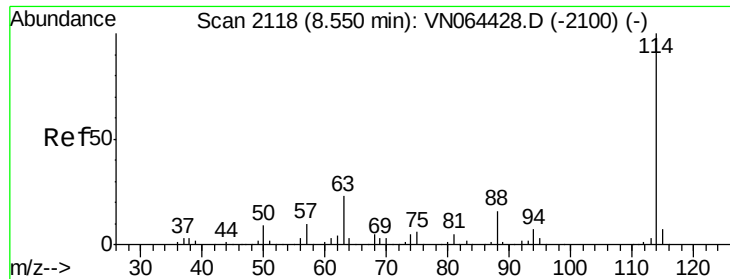
Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Tgt Ion:	65	Resp:	231991
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	101.6





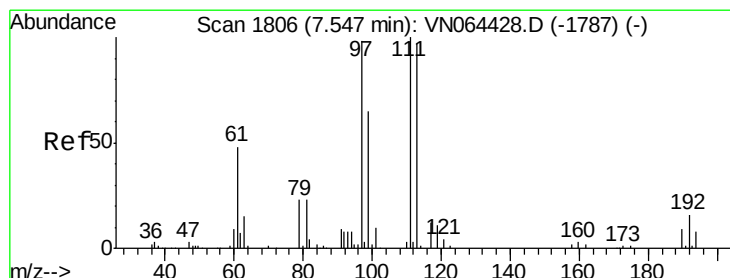
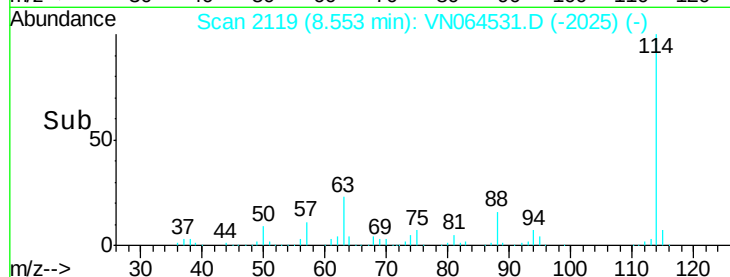
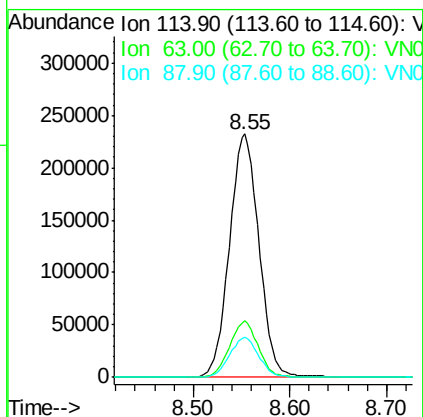
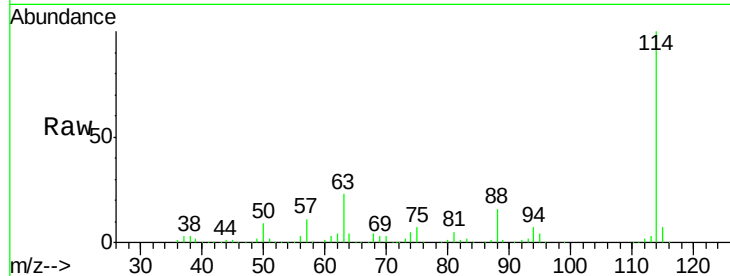
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.3	0.0	32.8

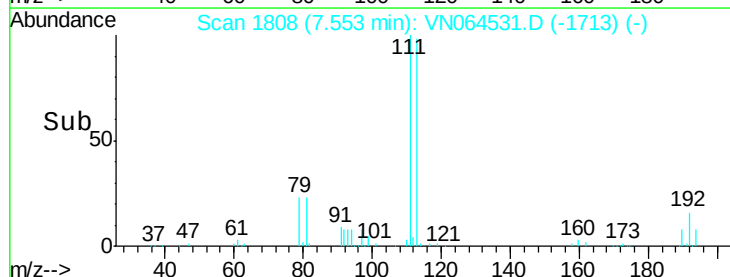
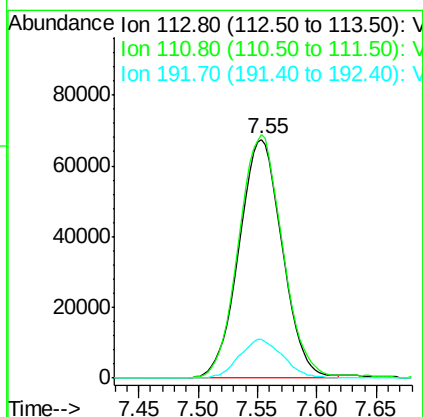
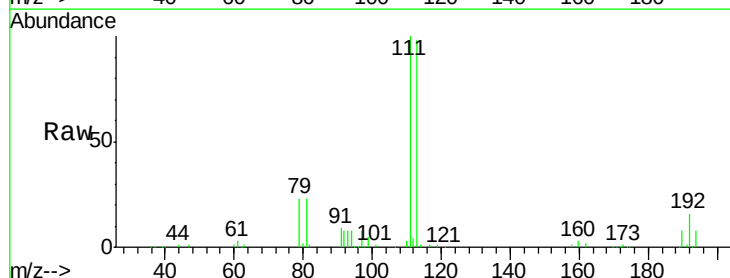
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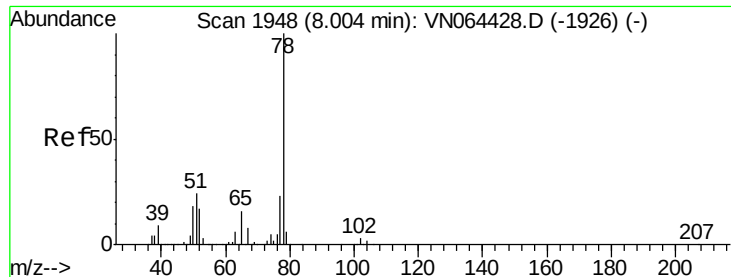
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#35
Dibromofluoromethane
Concen: 50.668 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.6	81.1	121.7
192	16.4	12.8	19.2





#40

Benzene

Concen: 95.562 ug/l

RT: 8.01 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

Tot Ion: 78 Resp: 1458446

Ion Ratio Lower Upper

78 100

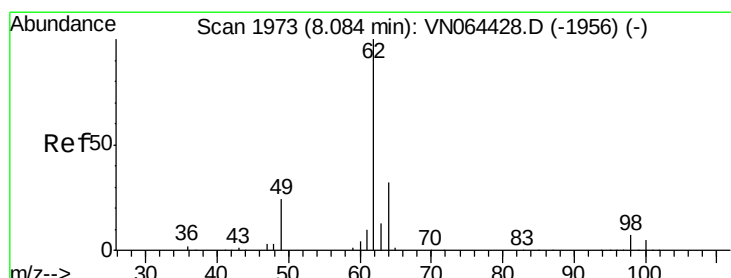
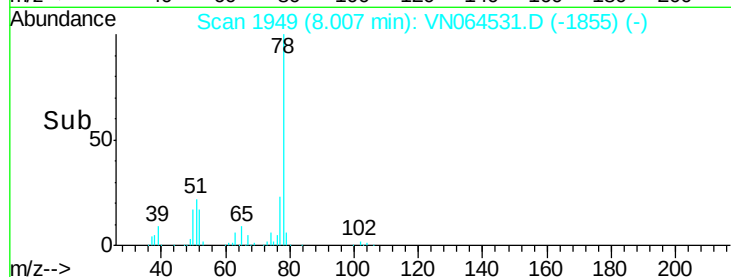
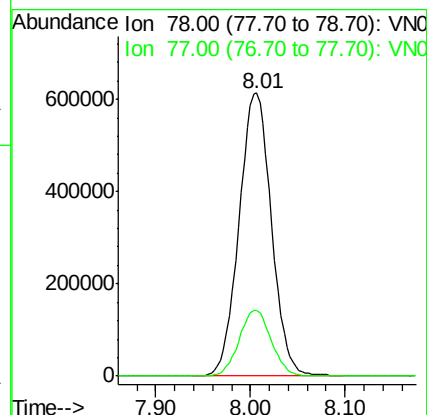
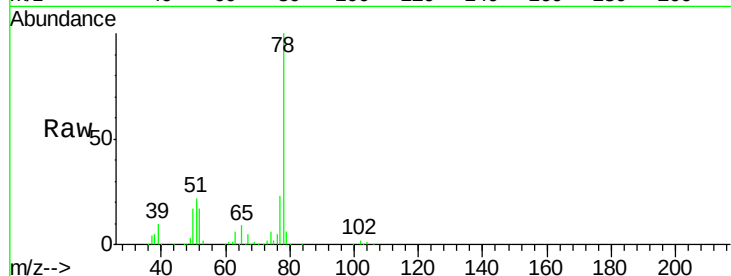
77 23.4 18.7 28.1

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 26.275 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064531.D

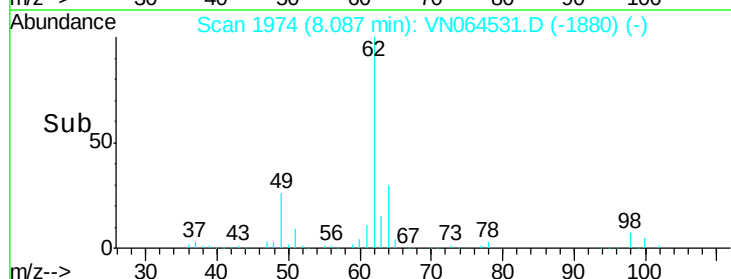
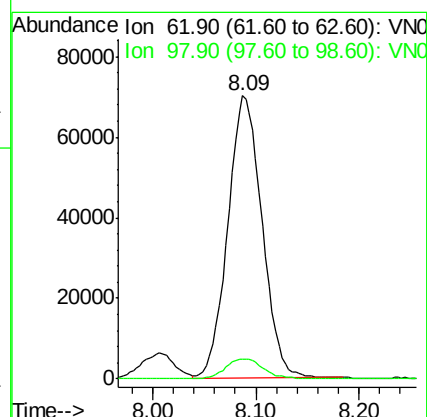
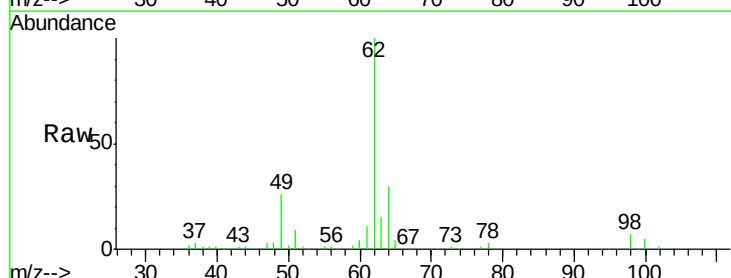
Acq: 10 Nov 2020 17:25

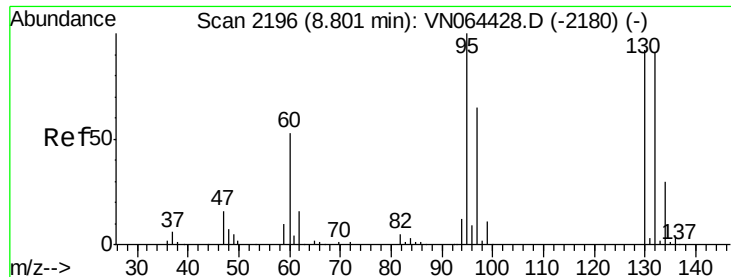
Tgt Ion: 62 Resp: 161827

Ion Ratio Lower Upper

62 100

98 7.8 0.0 14.0





#44

Trichloroethene

Concen: 1.191 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

Tot Ion:130 Resp: 4586

Ion Ratio Lower Upper

130 100

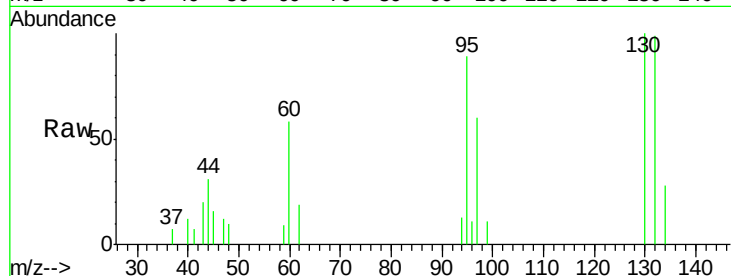
95 89.0 0.0 216.8

Manual Integrations

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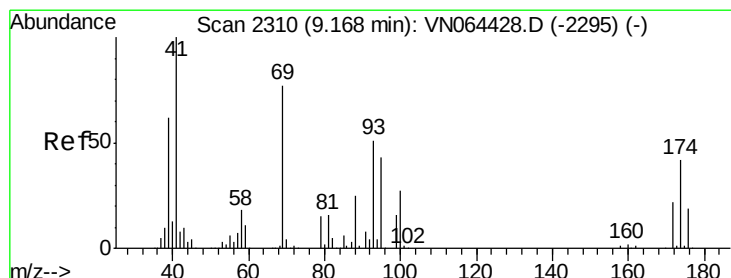
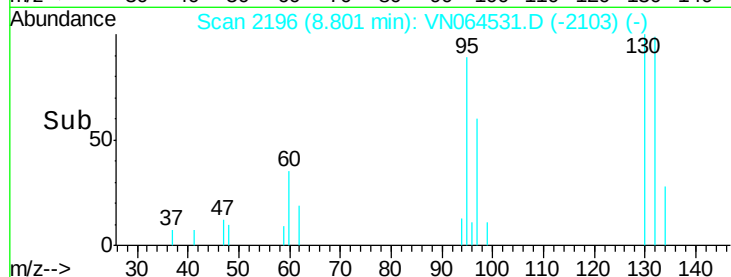
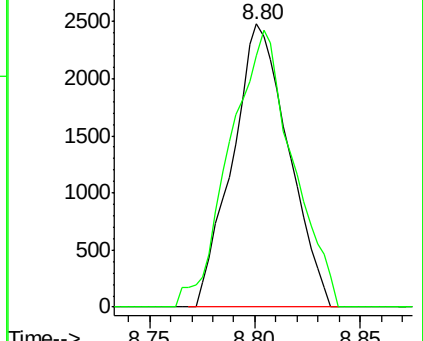
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#49

1,4-Dioxane

Concen: 68.178 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

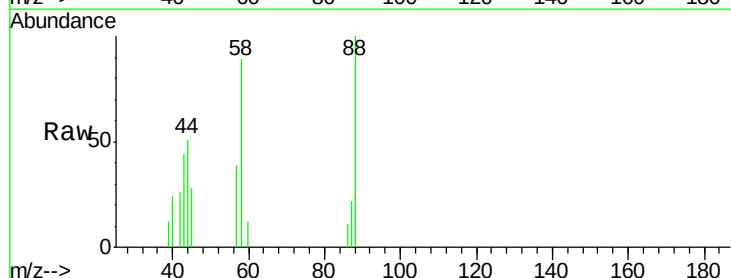
Tgt Ion: 88 Resp: 3814

Ion Ratio Lower Upper

88 100

43 19.7 31.0 46.6#

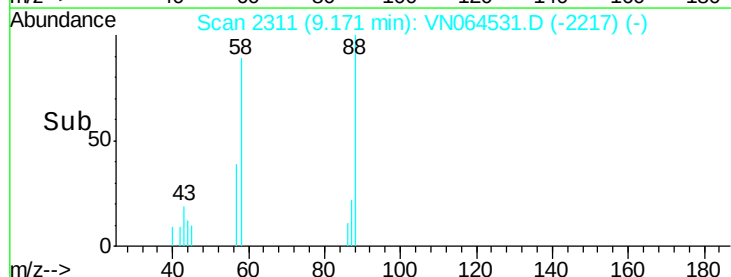
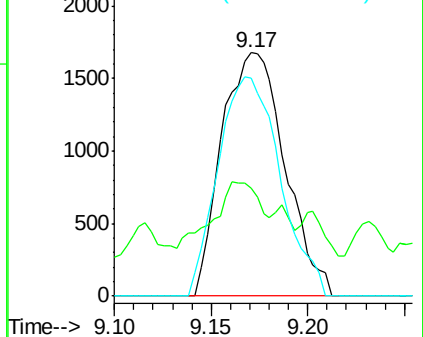
58 88.3 58.4 87.6#

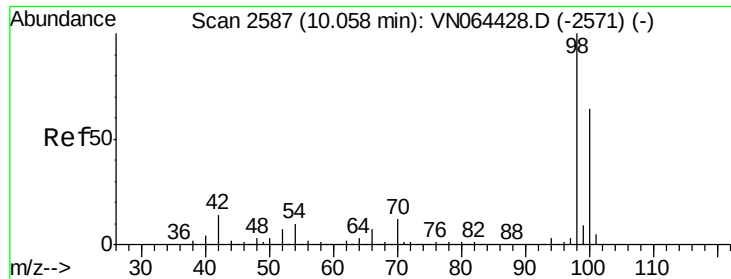


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





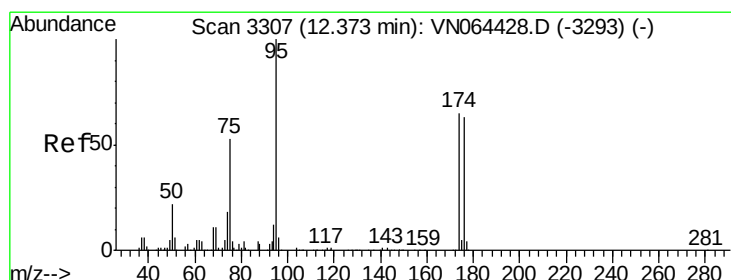
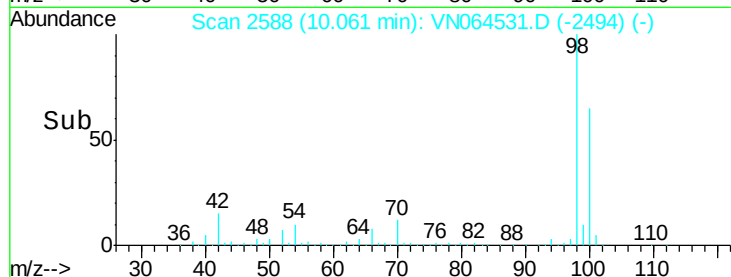
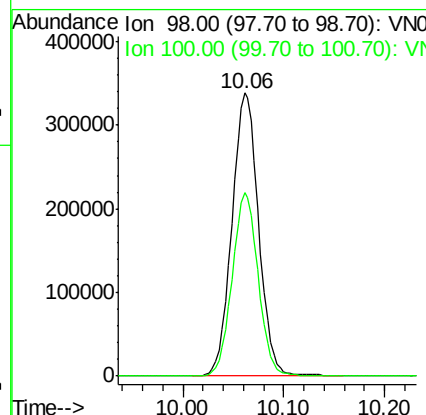
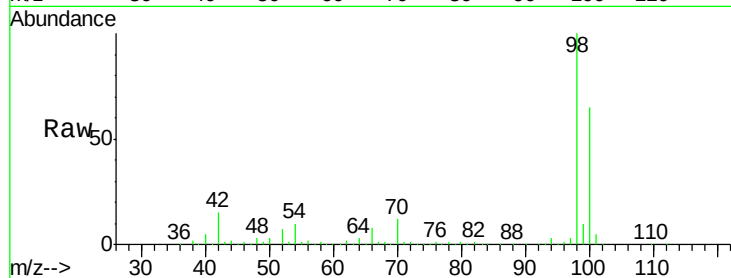
#50
Toluene-d8
Concen: 48.302 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

Tot Ion: 98 Resp: 624910
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1

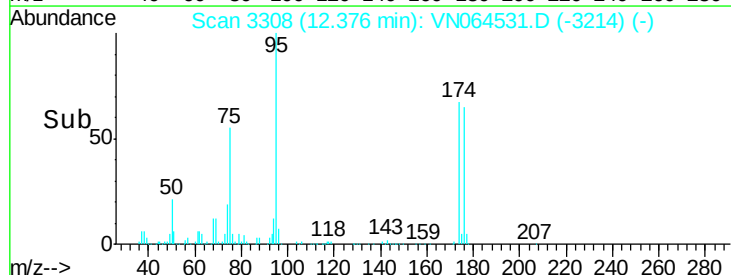
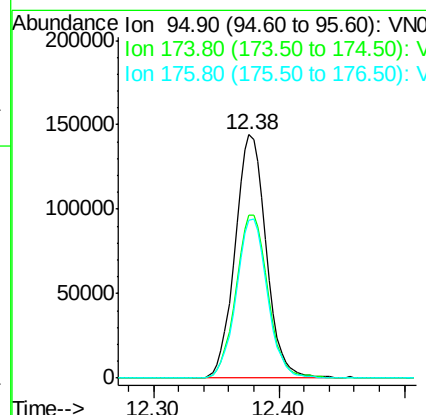
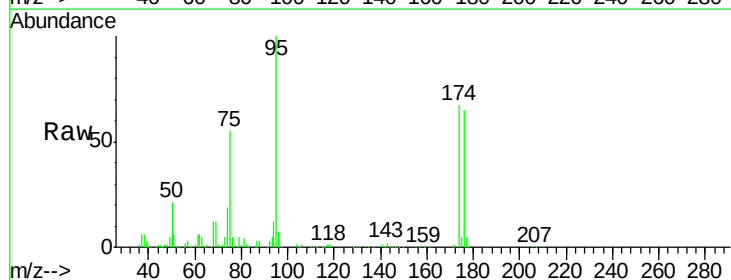
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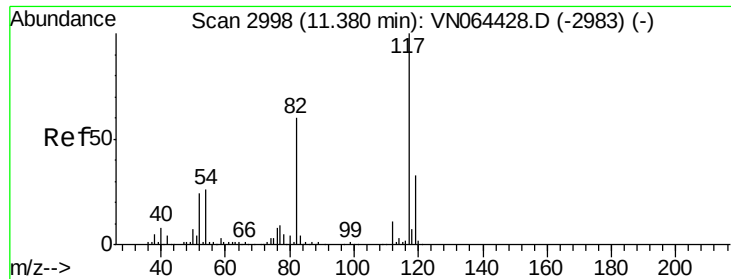
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#62
4-Bromofluorobenzene
Concen: 50.720 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion: 95 Resp: 248162
Ion Ratio Lower Upper
95 100
174 68.6 0.0 132.6
176 65.4 0.0 129.2





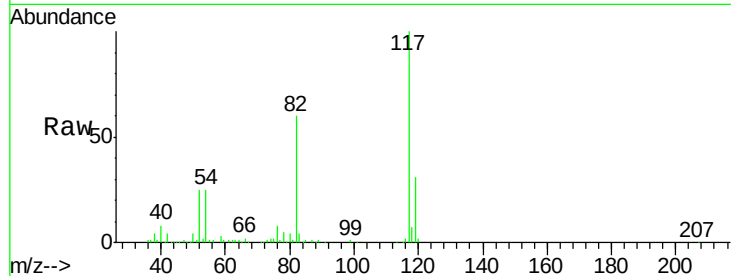
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	48.1	72.1
119	31.4	26.2	39.4

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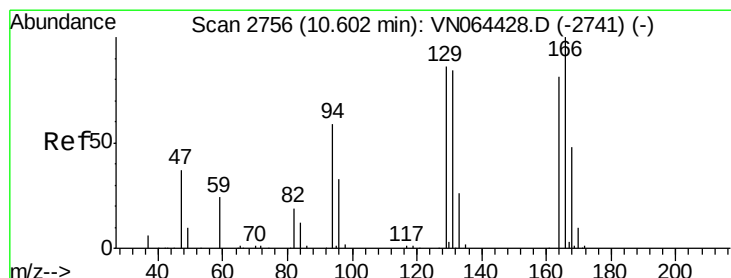
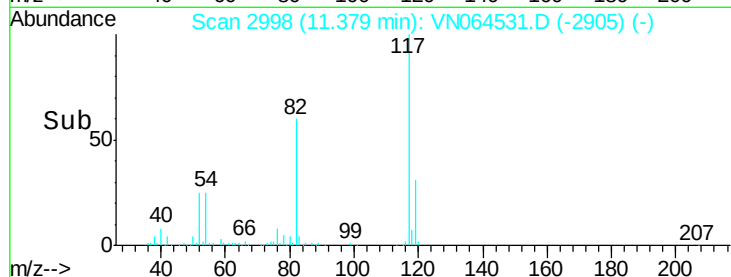
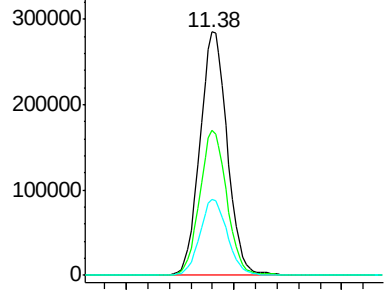


Abundance

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: 0.772 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.7	98.2	147.2
129	105.3	84.6	127.0
131	95.3	82.2	123.2

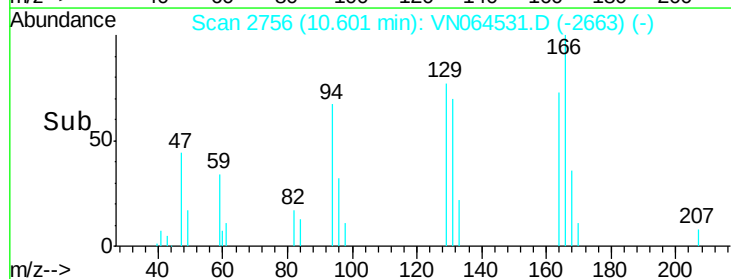
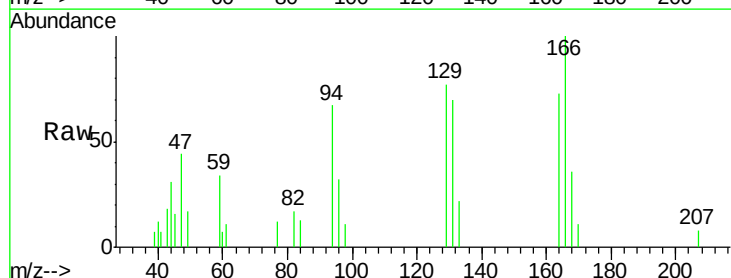
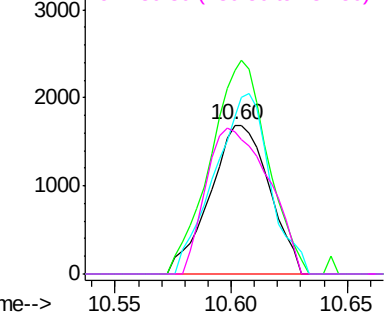
Abundance

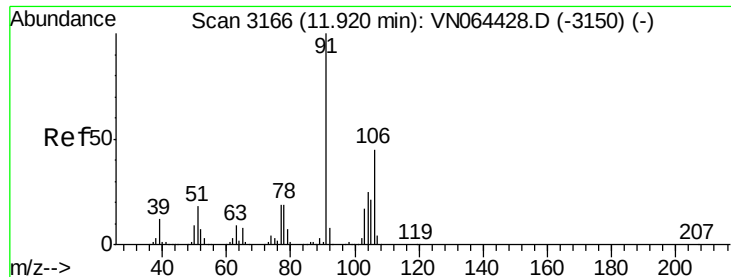
Ion 163.80 (163.50 to 164.50): V

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





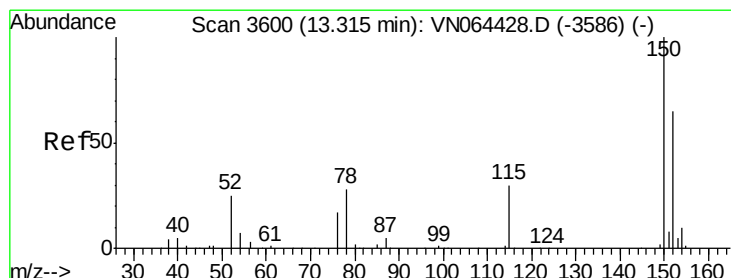
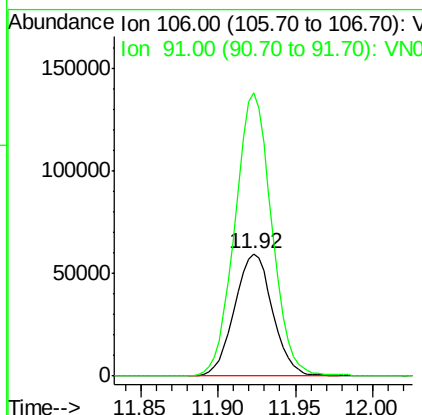
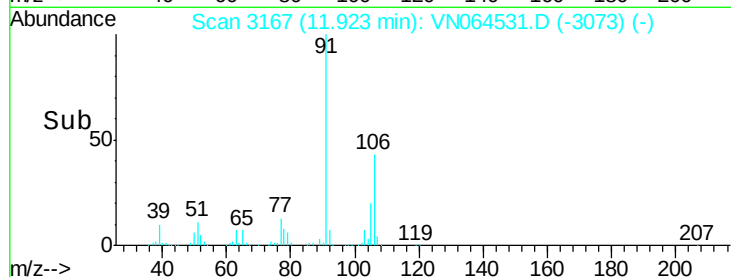
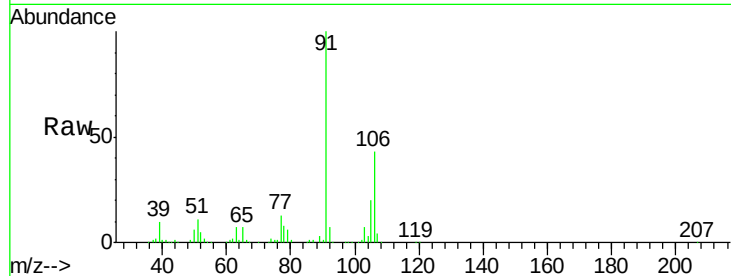
#69
o-Xylene
Concen: 14.819 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-518-520

Tot Ion:106 Resp: 102155
Ion Ratio Lower Upper
106 100
91 223.9 111.7 334.9

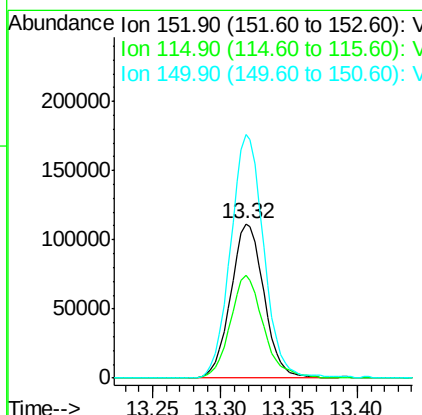
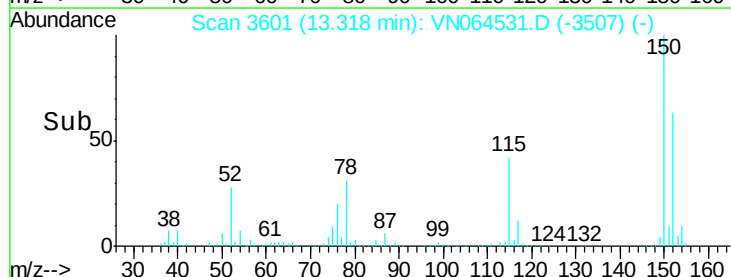
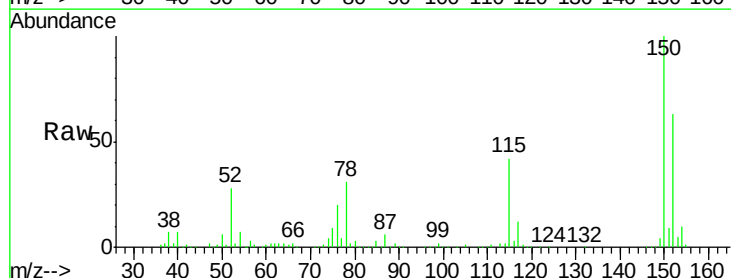
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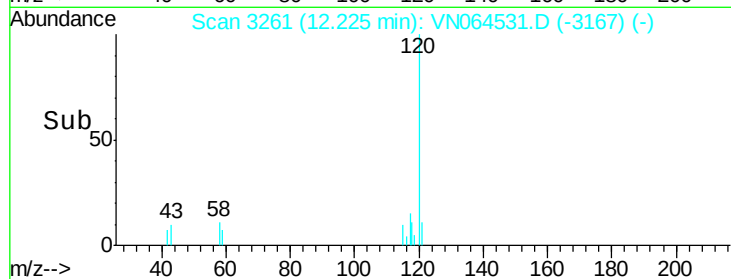
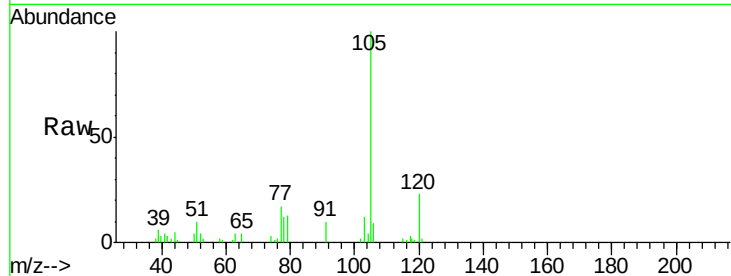
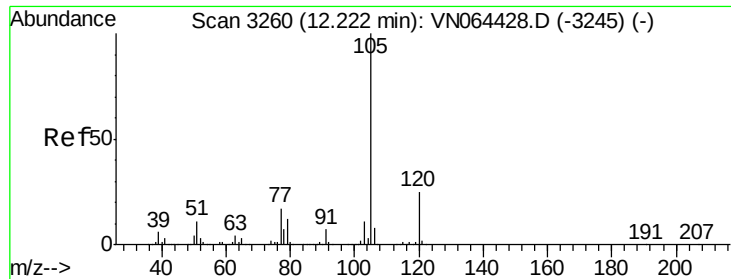
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064531.D
Acq: 10 Nov 2020 17:25

Tgt Ion:152 Resp: 189285
Ion Ratio Lower Upper
152 100
115 66.6 32.0 96.0
150 157.3 0.0 353.8





#73

Isopropylbenzene

Concen: 1.907 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064531.D

Acq: 10 Nov 2020 17:25

Tot Ion:105 Resp: 28684

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-518-520

Manual Integrations

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