

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068154.D
 Acq On : 17 Aug 2021 19:45
 Operator : JC/MD
 Sample : M3361-18 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41949

Manual Integrations
 APPROVED

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 8/19/2021 5:54:22 PM

Quant Time: Aug 18 07:21:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	417598	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	687697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	695408	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	297178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233065	52.271	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.540%			
35) Dibromofluoromethane	8.024	113	209234	48.461	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.920%			
50) Toluene-d8	10.443	98	834820	50.745	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.734	95	296332	54.109	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.220%			
Target Compounds						
16) Acetone	4.293	43	13692	10.517	ug/l	# 85
25) 2-Butanone	7.354	43	5535m	2.728	ug/l	
40) Benzene	8.458	78	48765	2.842	ug/l	98
52) Toluene	10.508	92	29377	2.511	ug/l	99
68) m/p-Xylenes	11.953	106	12341	1.314	ug/l	83
69) o-Xylene	12.283	106	7109	0.783	ug/l	92
95) Naphthalene	15.509	128	164069	16.468	ug/l	99

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

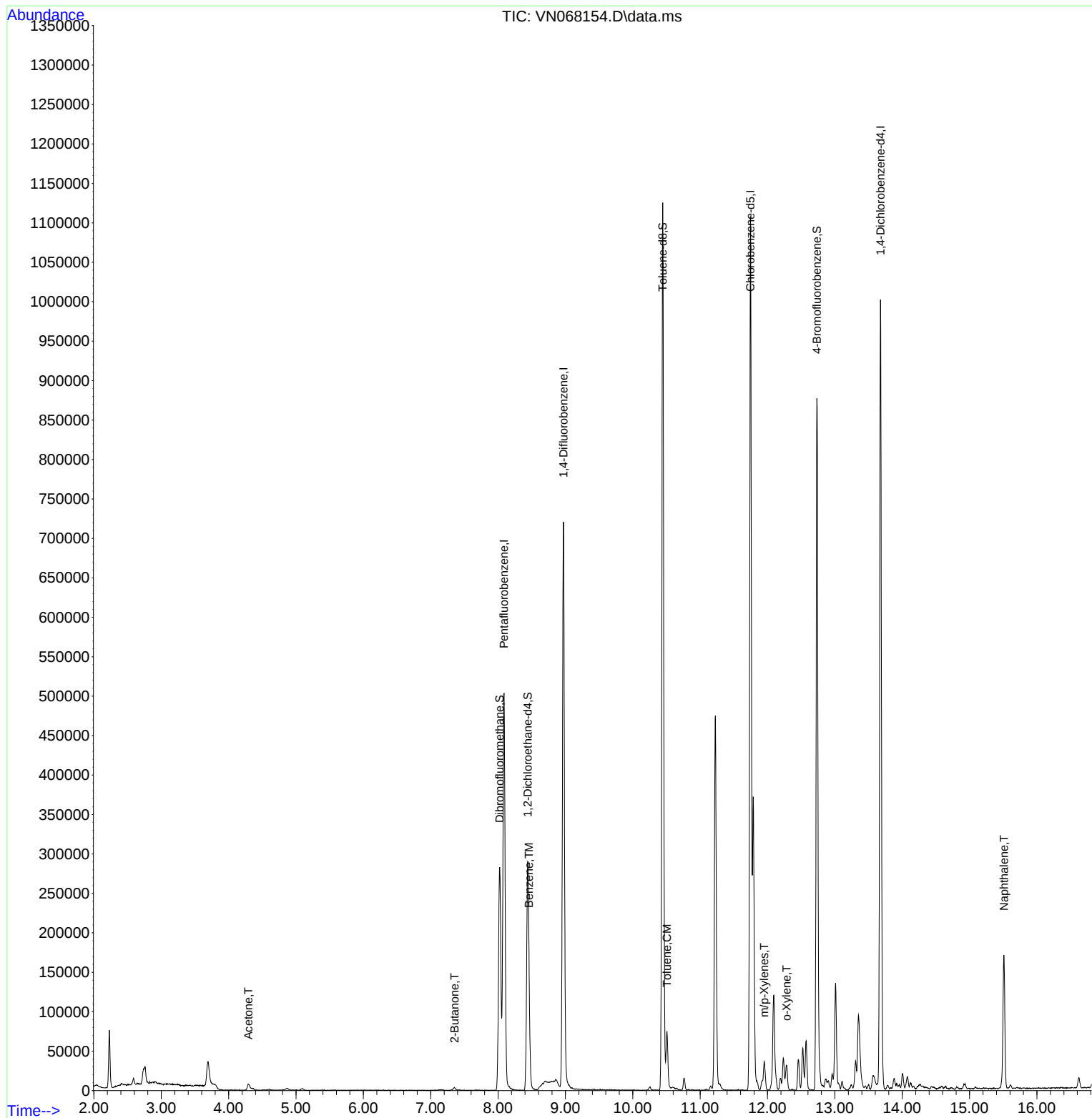
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Data File : VN068154.D
Acq On : 17 Aug 2021 19:45
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
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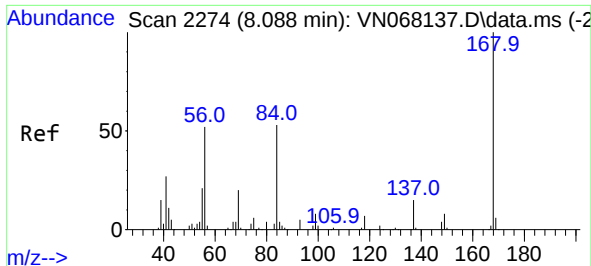
Instrument :
MSVOA_N
ClientSampleId :
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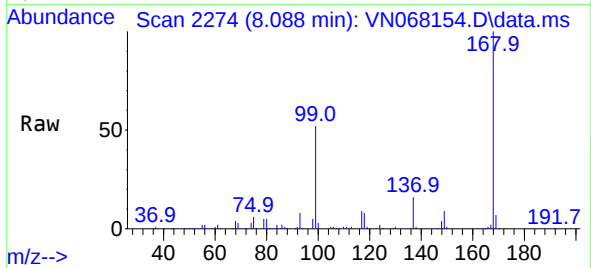
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Quant Time: Aug 18 07:21:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

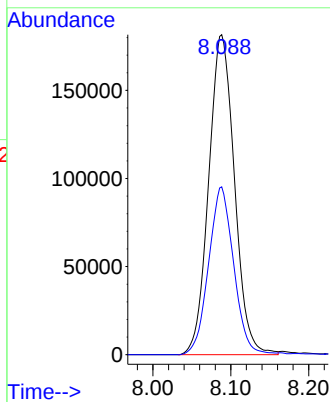
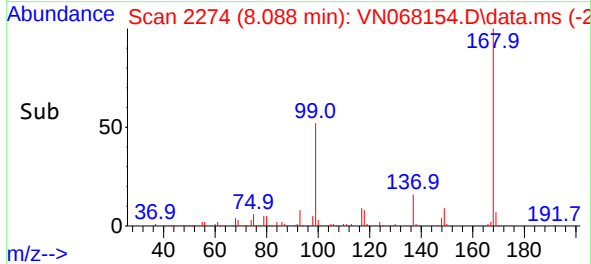




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45



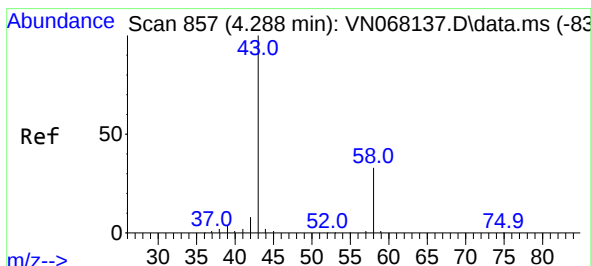
Tgt Ion:168 Resp: 417598
Ion Ratio Lower Upper
168 100
99 52.4 62.9 94.3#



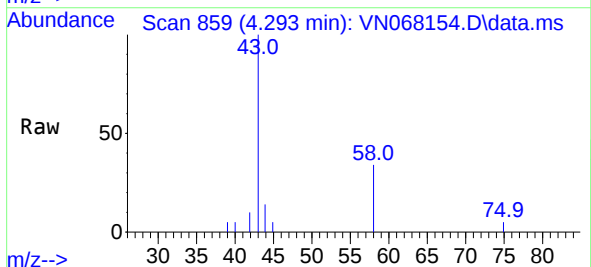
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ClientSampleId :
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Manual Integrations
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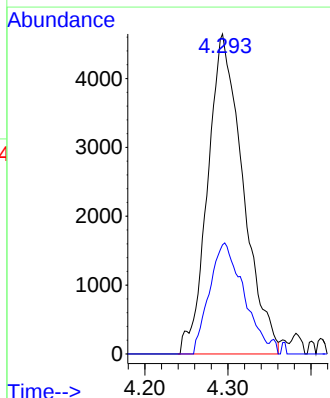
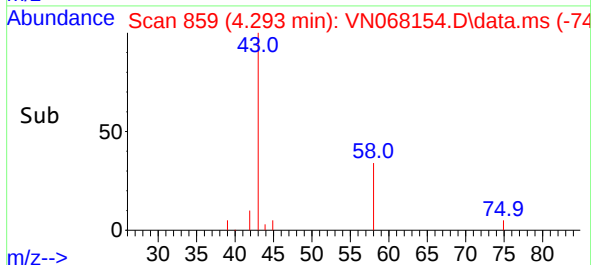
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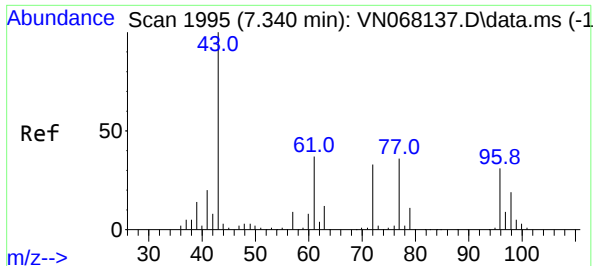


#16
Acetone
Concen: 10.517 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45



Tgt Ion: 43 Resp: 13692
Ion Ratio Lower Upper
43 100
58 34.1 21.2 31.8#





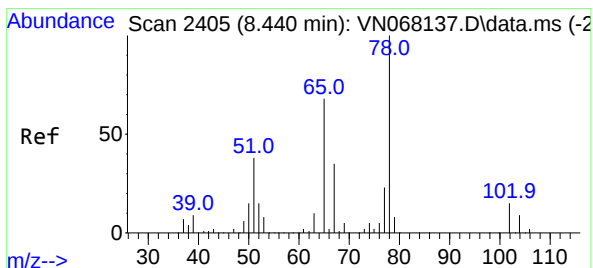
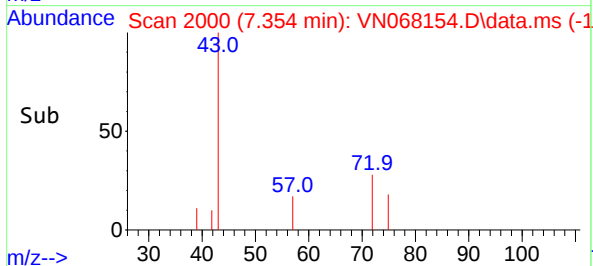
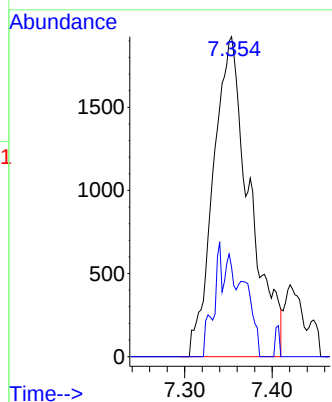
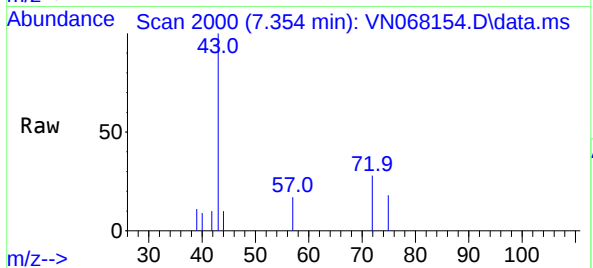
#25
2-Butanone
Concen: 2.728 ug/l m
RT: 7.354 min Scan# 2000
Delta R.T. 0.014 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

Tgt Ion: 43 Resp: 5535
Ion Ratio Lower Upper
43 100
72 28.0 19.7 29.5

Instrument :
MSVOA_N
ClientSampled :
41949

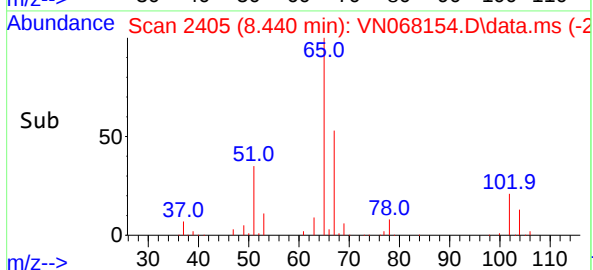
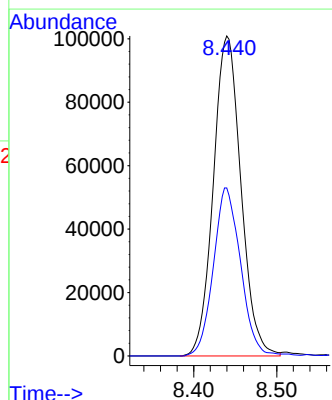
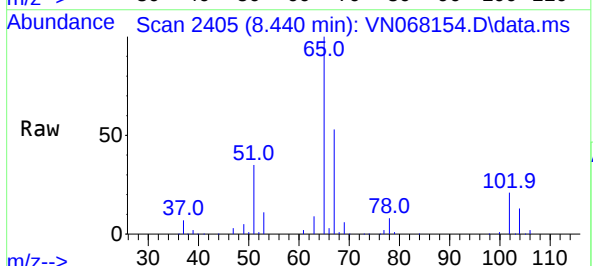
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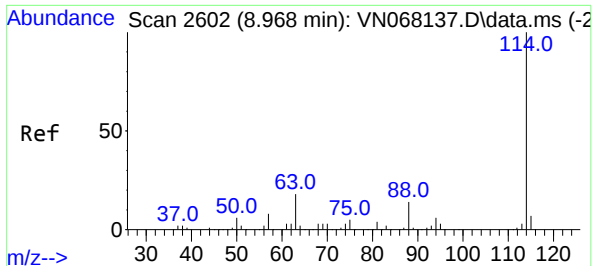
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#33
1,2-Dichloroethane-d4
Concen: 52.271 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

Tgt Ion: 65 Resp: 233065
Ion Ratio Lower Upper
65 100
67 51.8 0.0 98.6





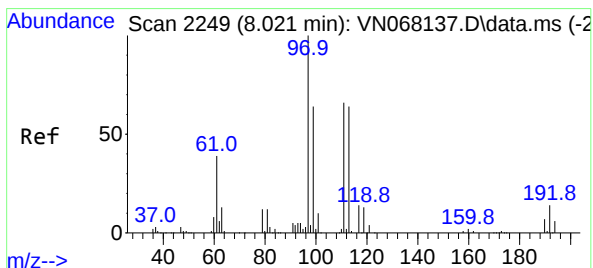
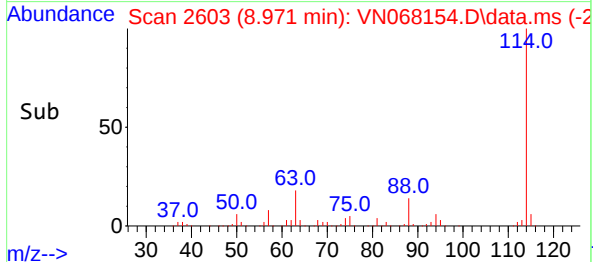
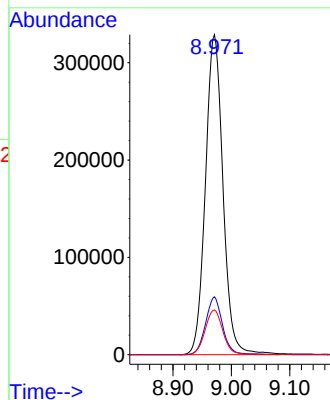
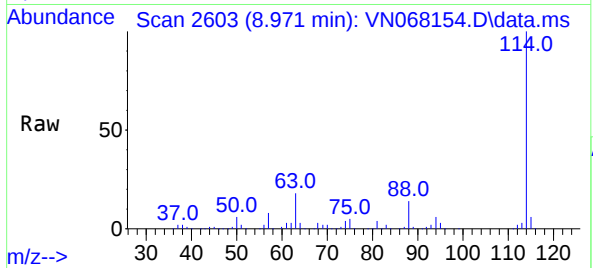
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

Tgt Ion:114 Resp: 687697
Ion Ratio Lower Upper
114 100
63 18.1 0.0 49.0
88 14.0 0.0 36.6

Instrument :
MSVOA_N
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41949

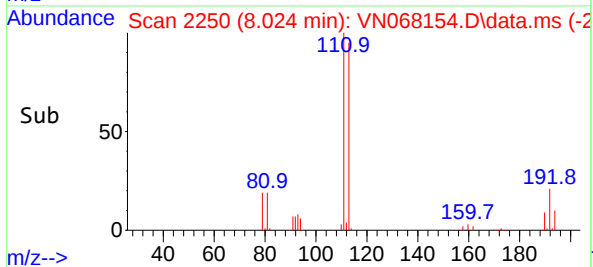
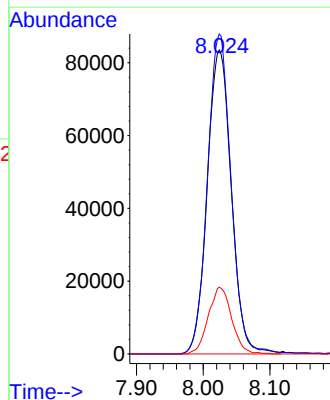
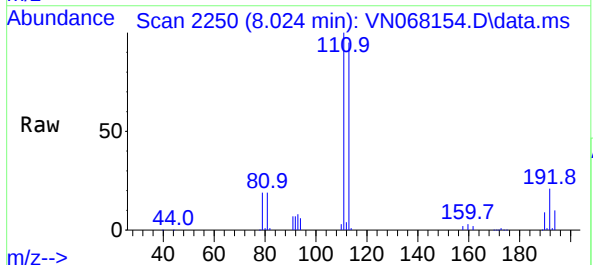
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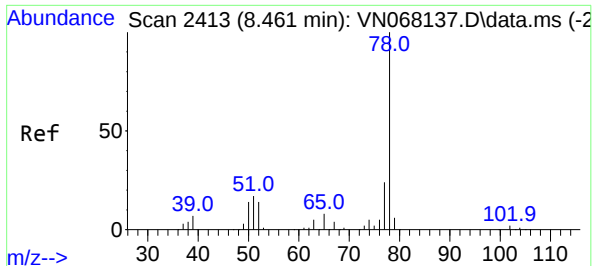
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#35
Dibromofluoromethane
Concen: 48.461 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

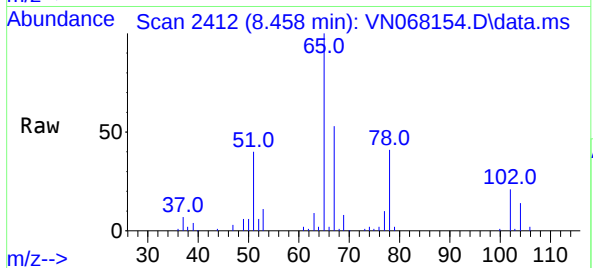
Tgt Ion:113 Resp: 209234
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 21.2 13.4 20.0#





#40
Benzene
Concen: 2.842 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

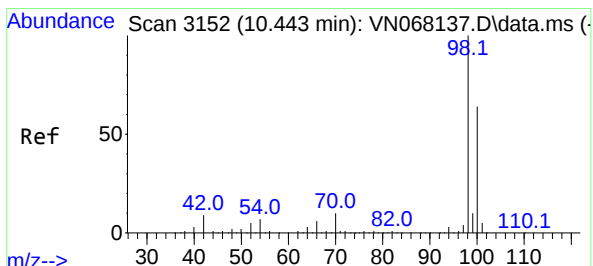
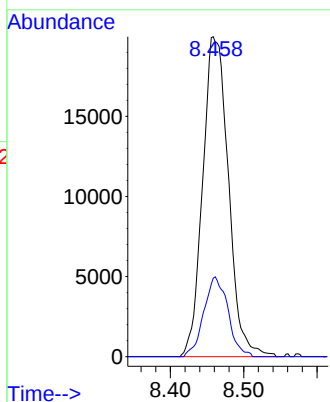
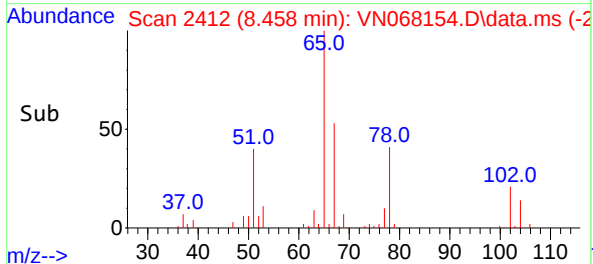
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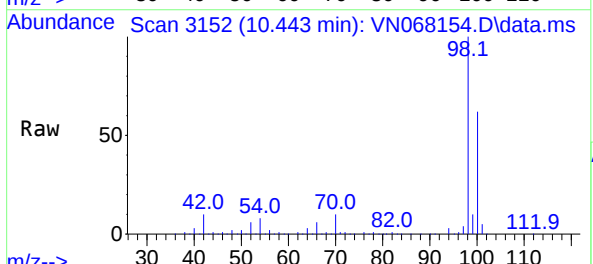
Tgt Ion: 78 Resp: 48765
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3

Manual Integrations
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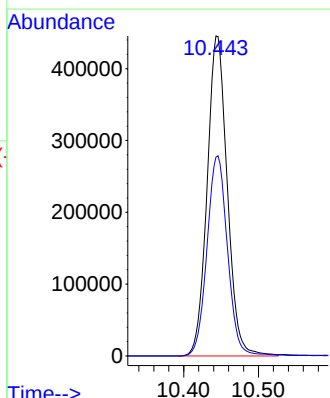
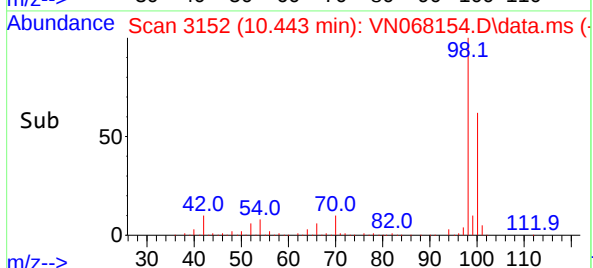
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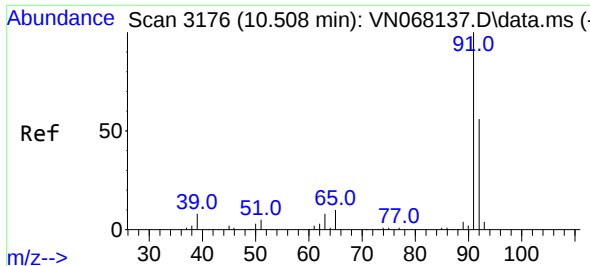


#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45



Tgt Ion: 98 Resp: 834820
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5





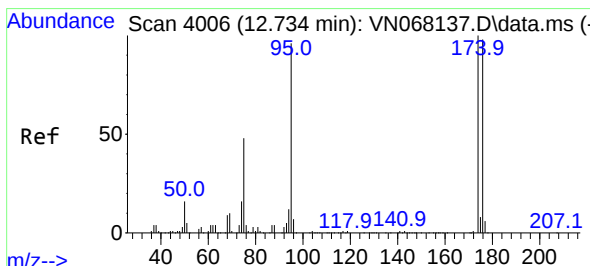
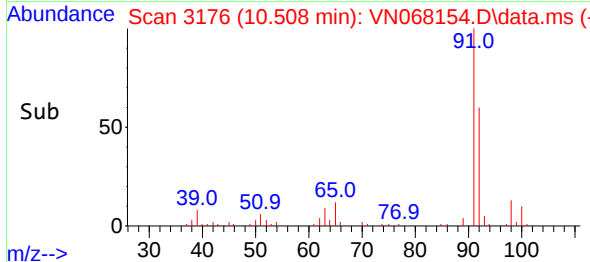
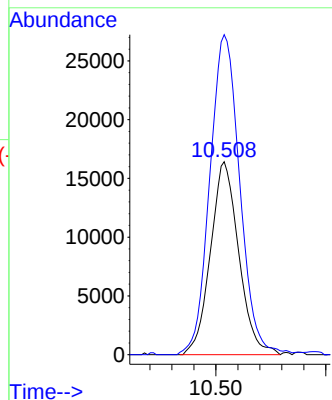
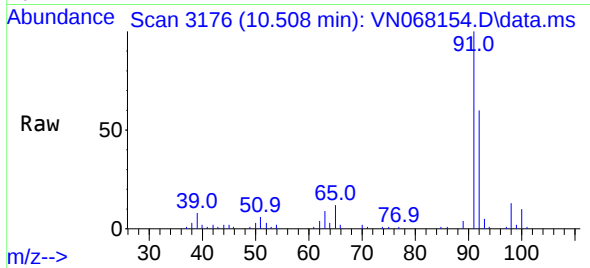
#52
Toluene
Concen: 2.511 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

Tgt Ion: 92 Resp: 29377
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4

Instrument :
MSVOA_N
ClientSampled :
41949

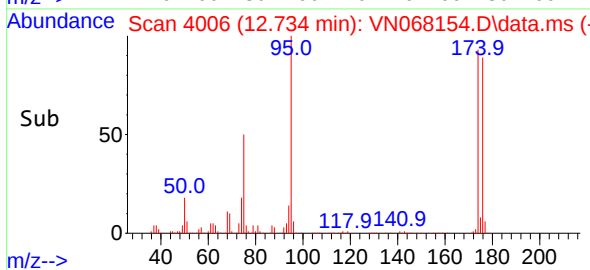
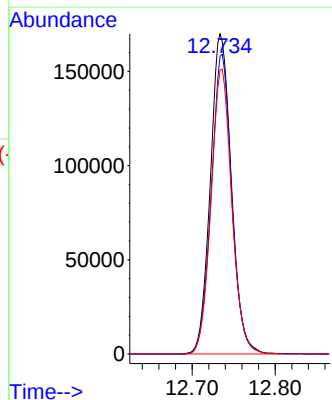
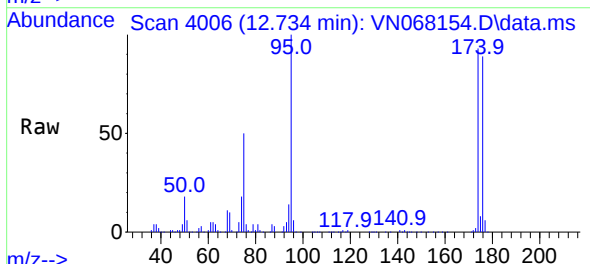
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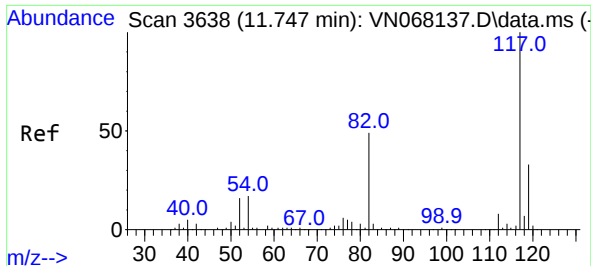
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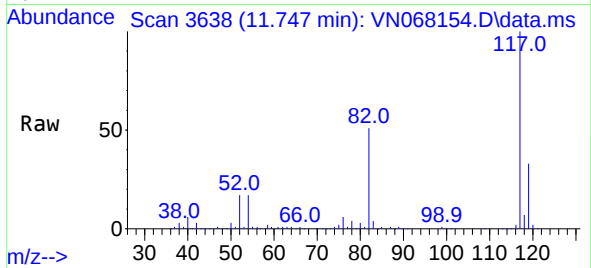
#62
4-Bromofluorobenzene
Concen: 54.109 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

Tgt Ion: 95 Resp: 296332
Ion Ratio Lower Upper
95 100
174 93.0 0.0 122.0
176 88.2 0.0 117.6

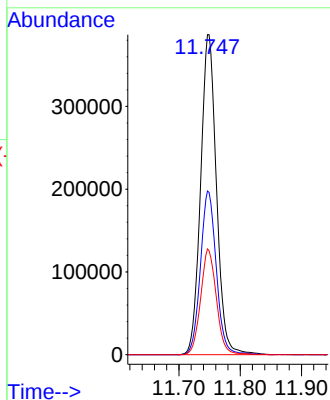
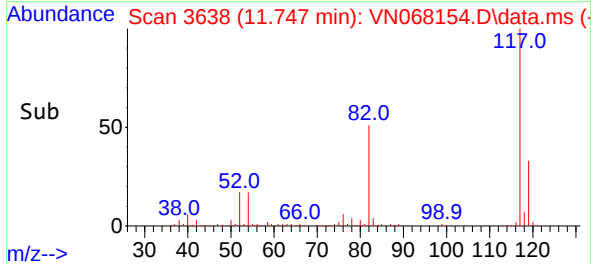




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45



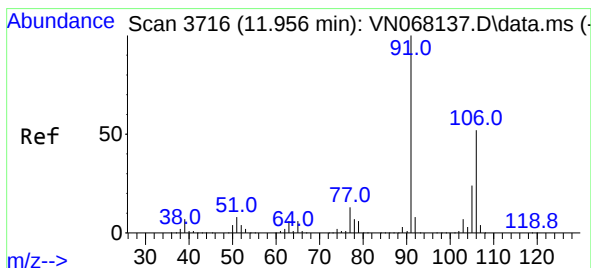
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Ion Ratio Lower Upper
117 100
82 51.1 53.1 79.7#
119 33.0 25.5 38.3



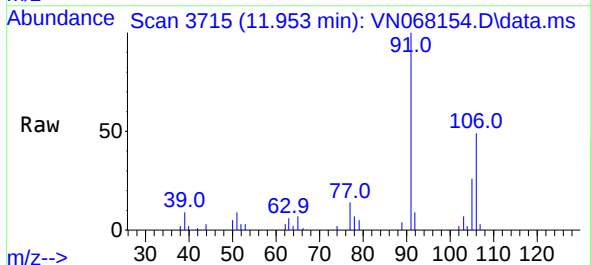
Instrument :
MSVOA_N
ClientSampled :
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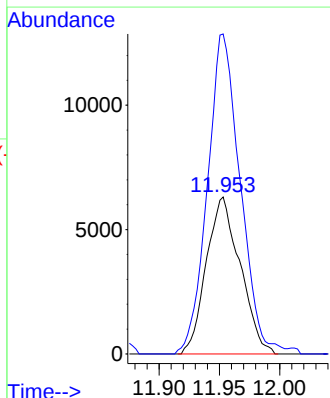
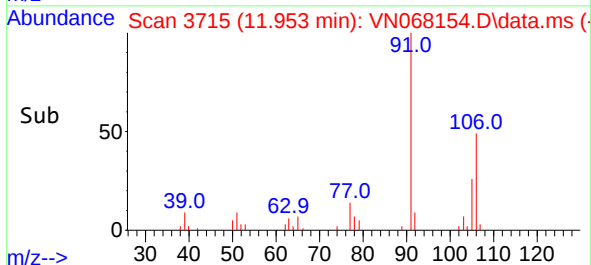
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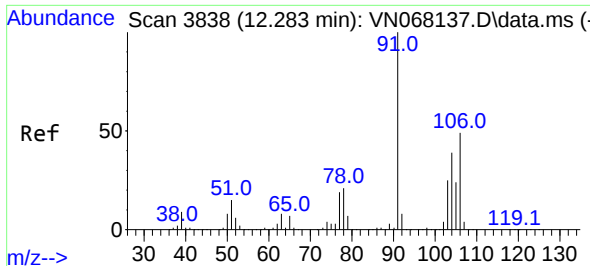


#68
m/p-Xylenes
Concen: 1.314 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45



Tgt Ion:106 Resp: 12341
Ion Ratio Lower Upper
106 100
91 197.1 180.6 270.8





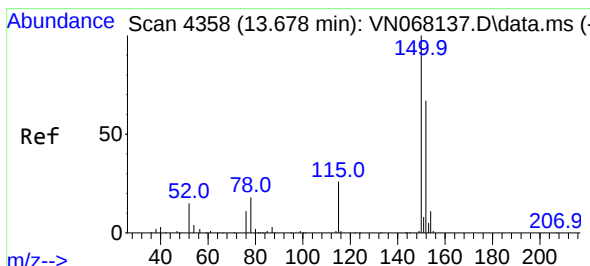
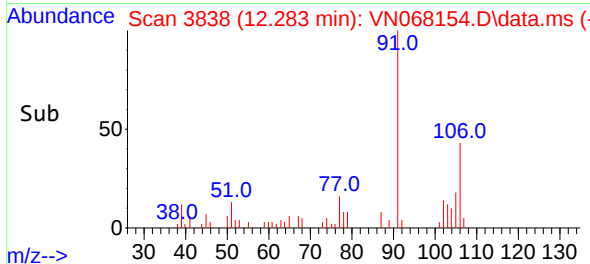
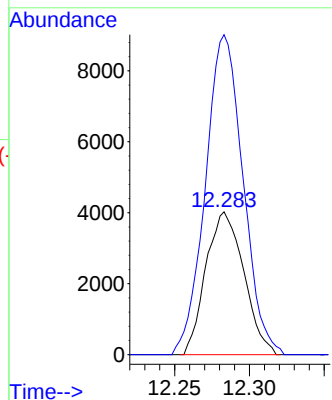
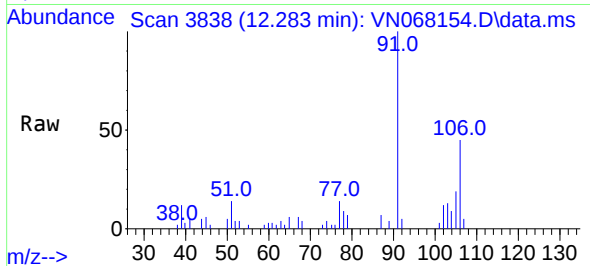
#69
o-Xylene
Concen: 0.783 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

Tgt Ion:106 Resp: 7109
Ion Ratio Lower Upper
106 100
91 222.3 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
41949

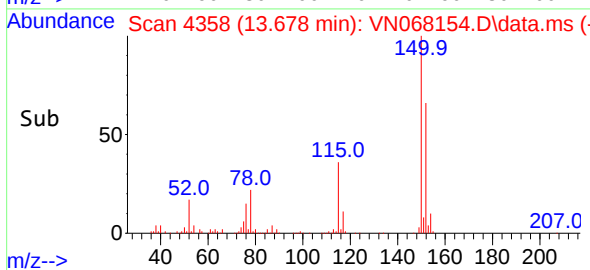
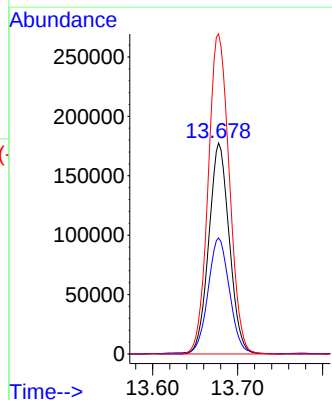
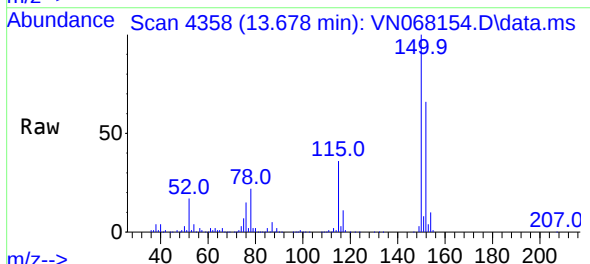
Manual Integrations
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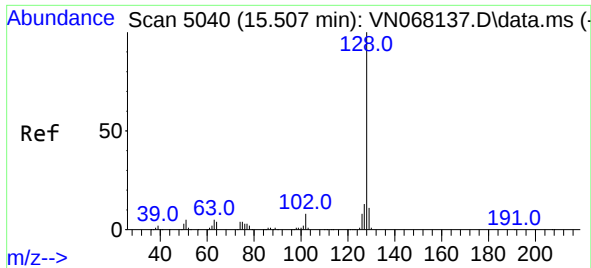
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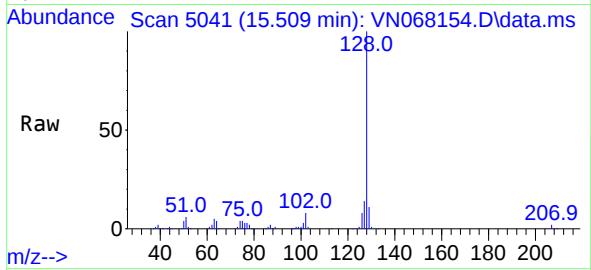
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45

Tgt Ion:152 Resp: 297178
Ion Ratio Lower Upper
152 100
115 57.5 36.1 108.5
150 156.7 0.0 351.8

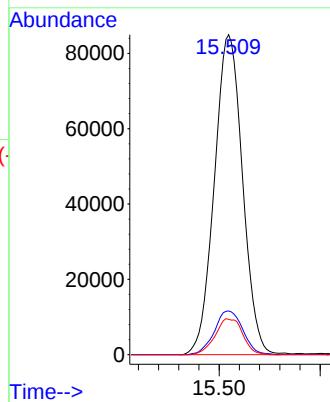
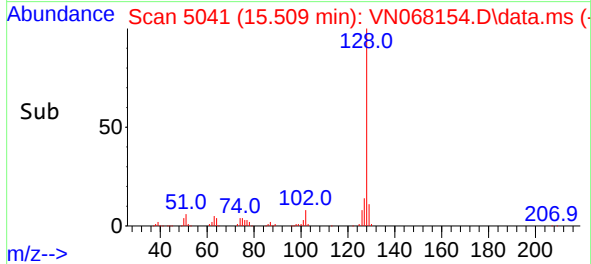




#95
Naphthalene
Concen: 16.468 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068154.D
Acq: 17 Aug 2021 19:45



Tgt Ion:128 Resp: 164069
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.0 8.6 12.8



Instrument :
MSVOA_N
ClientSampleId :
41949

Manual Integrations
APPROVED

MMDadoda
8/19/2021 5:54:22 PM