

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069477.D
 Acq On : 12 Nov 2021 19:15
 Operator : JC/MD
 Sample : M4676-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-20211111

Quant Time: Nov 15 03:31:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : Sw846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1172161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2084844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2052224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	765784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	887782	52.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.48%			
35) Dibromofluoromethane	8.024	113	606224	48.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.96%			
50) Toluene-d8	10.443	98	2660239	54.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.18%			
62) 4-Bromofluorobenzene	12.734	95	927957	51.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.72%			

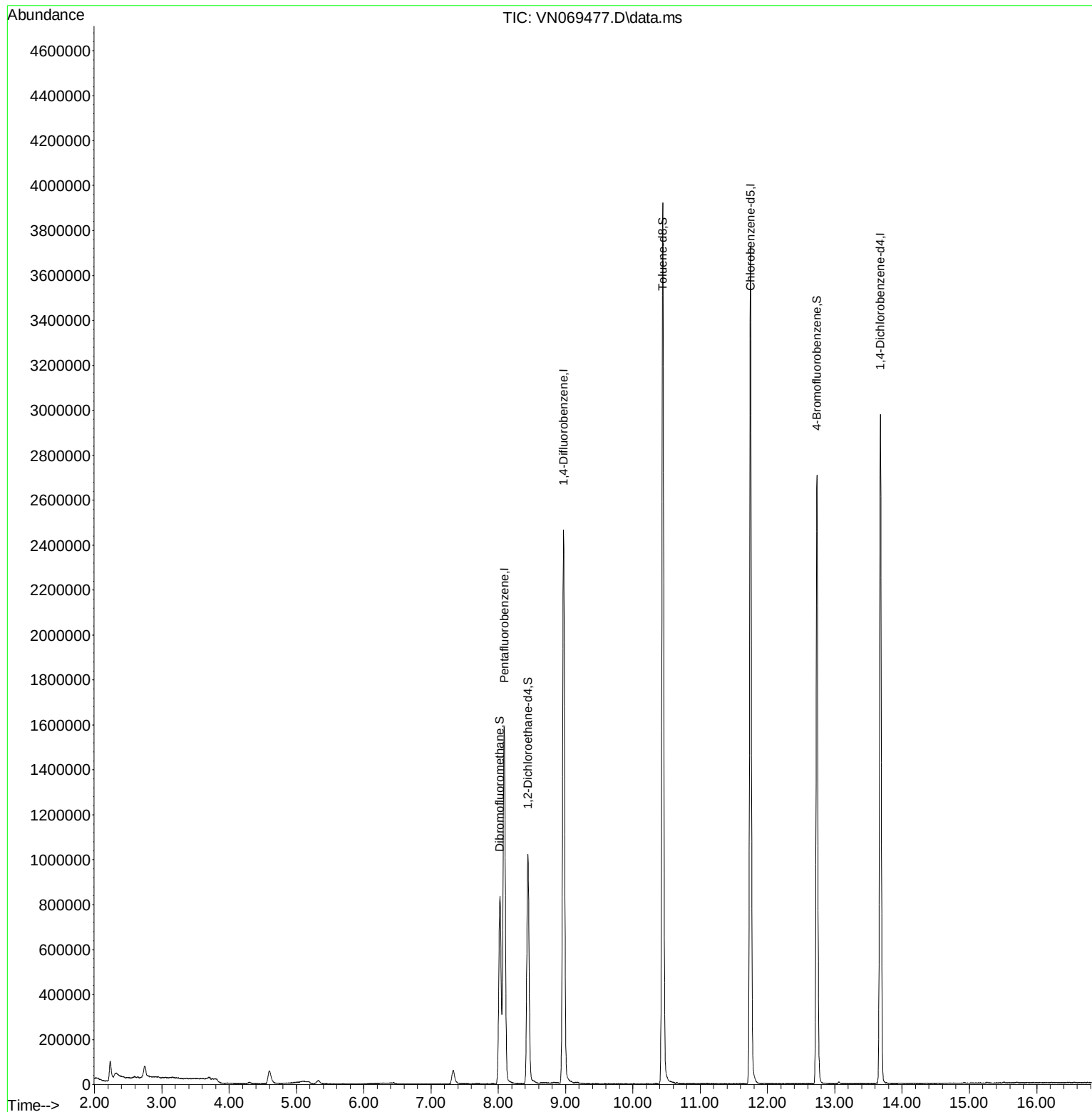
Target Compounds Qvalue

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

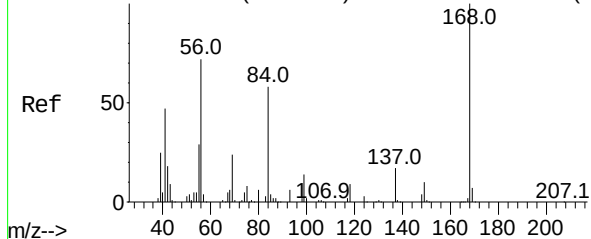
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Abundance Scan 2273 (8.086 min): VN069417.D\data.ms (-2249) (-)



Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.088 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN069477.D

Acq: 12 Nov 2021 19:15

Instrument :

MSVOA_N

ClientSampleId :

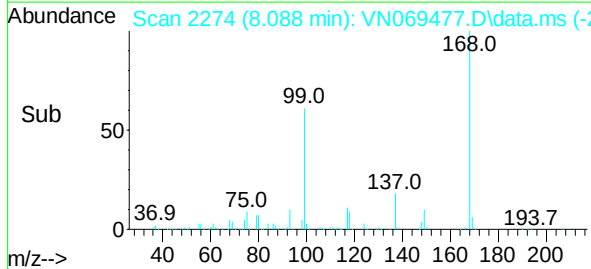
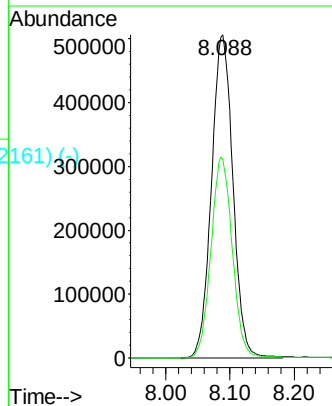
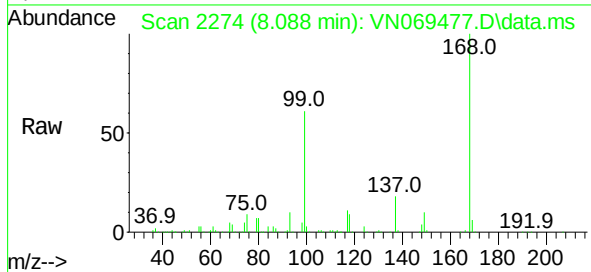
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Tgt Ion:168 Resp: 1172161

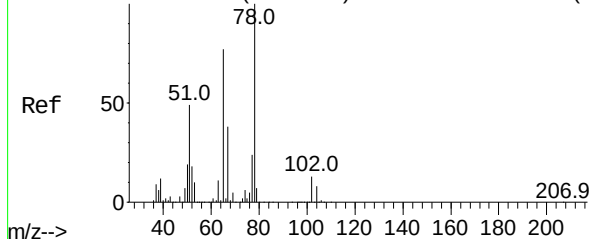
Ion Ratio Lower Upper

168 100

99 61.5 41.3 61.9



Abundance Scan 2405 (8.440 min): VN069417.D\data.ms (-2389) (-)



1,2-Dichloroethane-d4

Concen: 52.24 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069477.D

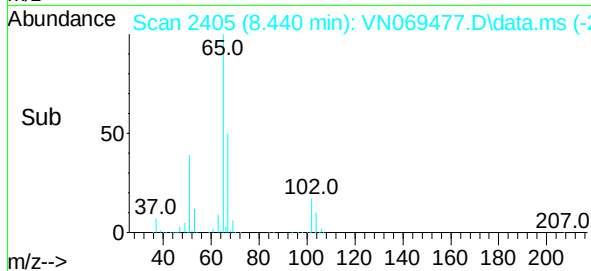
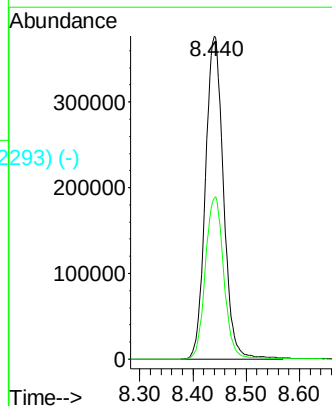
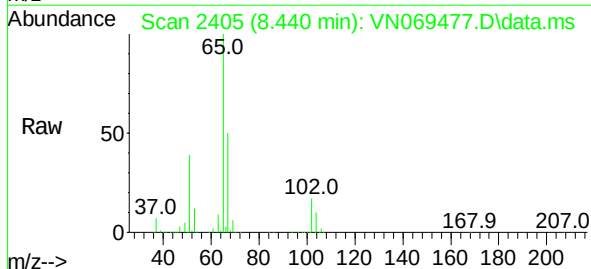
Acq: 12 Nov 2021 19:15

Tgt Ion: 65 Resp: 887782

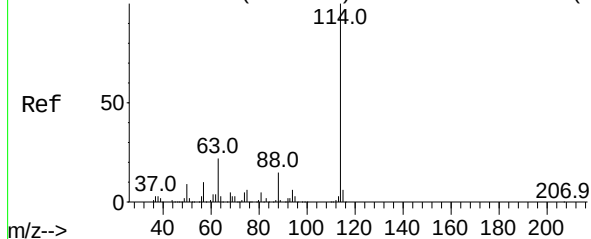
Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



Abundance Scan 2602 (8.968 min): VN069417.D\data.ms (-25794)



1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.971 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069477.D

Acq: 12 Nov 2021 19:15

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-20211111

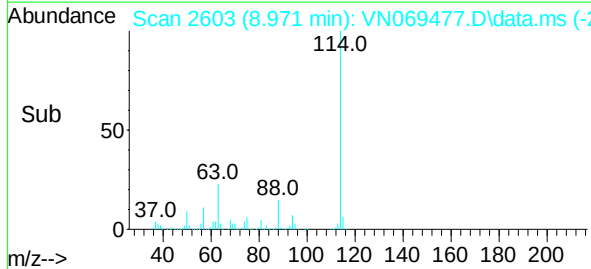
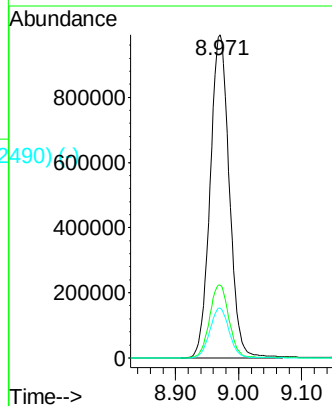
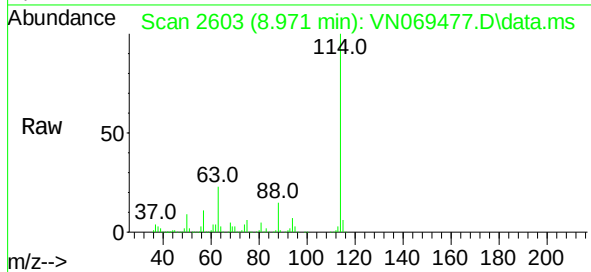
Tgt Ion:114 Resp: 2084844

Ion Ratio Lower Upper

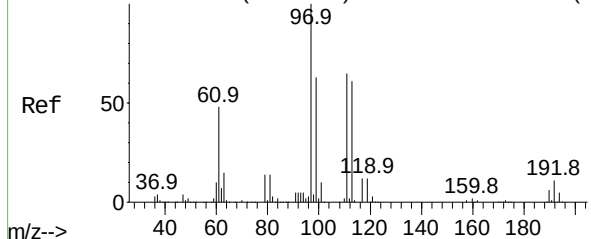
114 100

63 22.5 0.0 37.8

88 15.4 0.0 27.4



Abundance Scan 2249 (8.021 min): VN069417.D\data.ms (-22235)



Dibromofluoromethane

Concen: 48.48 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN069477.D

Acq: 12 Nov 2021 19:15

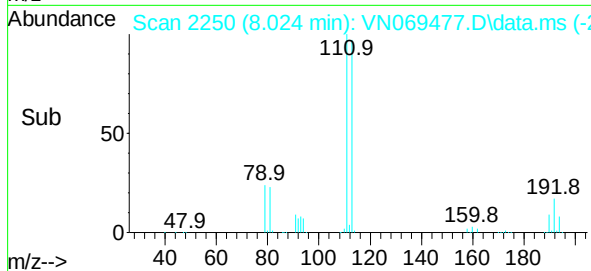
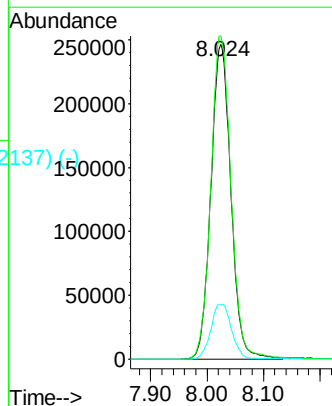
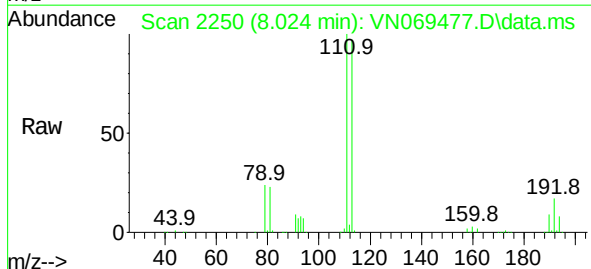
Tgt Ion:113 Resp: 606224

Ion Ratio Lower Upper

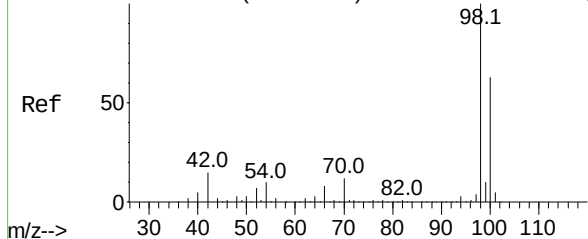
113 100

111 103.9 82.2 123.2

192 18.0 16.9 25.3



Abundance Scan 3151 (10.441 min): VN069417.D\data.ms (-3151) (-)



Toluene-d8

Concen: 54.09 ug/l

RT: 10.443 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN069477.D

Acq: 12 Nov 2021 19:15

Instrument :

MSVOA_N

ClientSampleId :

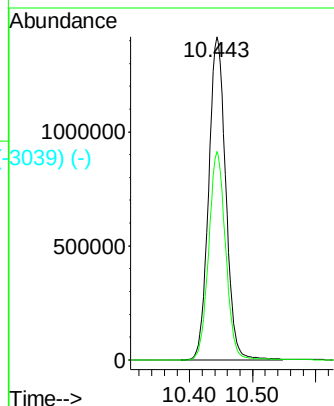
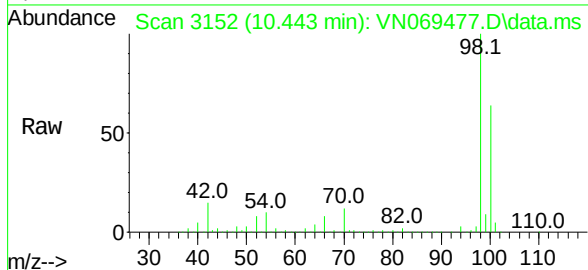
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Tgt Ion: 98 Resp: 2660239

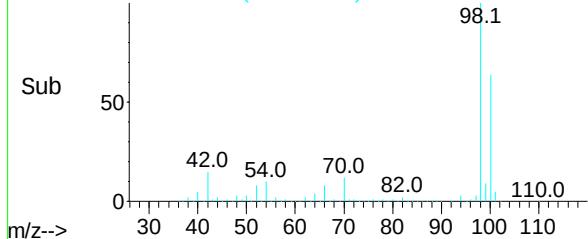
Ion Ratio Lower Upper

98 100

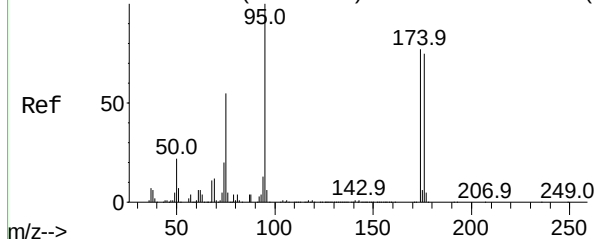
100 63.7 50.4 75.6



Abundance Scan 3152 (10.443 min): VN069477.D\data.ms (-3039) (-)



Abundance Scan 4006 (12.734 min): VN069417.D\data.ms (-3962) (-)



4-Bromofluorobenzene

Concen: 51.36 ug/l

RT: 12.734 min Scan# 4006

Delta R.T. -0.000 min

Lab File: VN069477.D

Acq: 12 Nov 2021 19:15

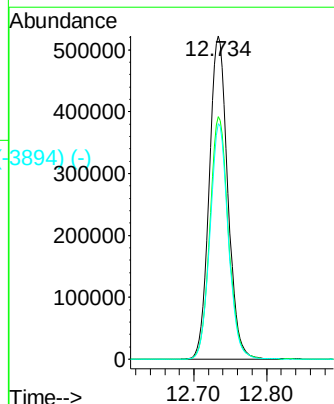
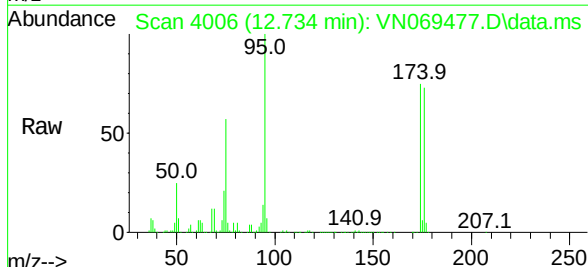
Tgt Ion: 95 Resp: 927957

Ion Ratio Lower Upper

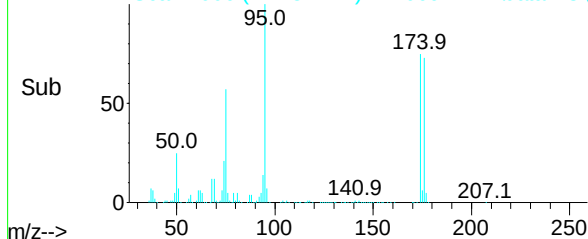
95 100

174 75.1 0.0 187.2

176 71.5 0.0 181.4



Abundance Scan 4006 (12.734 min): VN069477.D\data.ms (-3894) (-)



Abundance Scan 3638 (11.747 min): VN069417.D\data.ms (-3638) (-)

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VN069477.D

Acq: 12 Nov 2021 19:15

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-20211111

Tgt Ion:117 Resp: 2052224

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 32.3 25.4 38.2

Abundance Scan 3638 (11.747 min): VN069477.D\data.ms

Ref

50

40.0 54.0 67.0 82.0 99.0 117.0

m/z-->

30 40 50 60 70 80 90 100 110 120

Abundance Scan 3638 (11.747 min): VN069477.D\data.ms

Raw

50

40.0 54.0 67.0 82.0 99.0 117.0

m/z-->

30 40 50 60 70 80 90 100 110 120

Abundance Scan 3638 (11.747 min): VN069477.D\data.ms (-3526) (-)

Sub

50

40.0 54.0 67.0 82.0 99.0 117.0

m/z-->

30 40 50 60 70 80 90 100 110 120

Abundance

11.747

1000000

800000

600000

400000

200000

0

Time-->

11.80

Abundance Scan 4357 (13.675 min): VN069417.D\data.ms (-4357) (-)

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.003 min

Lab File: VN069477.D

Acq: 12 Nov 2021 19:15

Tgt Ion:152 Resp: 765784

Ion Ratio Lower Upper

152 100

115 62.0 27.5 82.5

150 158.2 0.0 344.4

Abundance Scan 4358 (13.678 min): VN069477.D\data.ms

Ref

50

52.0 78.0 115.0 149.9 207.0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 4358 (13.678 min): VN069477.D\data.ms

Raw

50

52.0 78.0 115.0 150.0 207.8

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 4358 (13.678 min): VN069477.D\data.ms (-4245) (-)

Sub

50

52.0 78.0 115.0 150.0 207.8

m/z-->

40 60 80 100 120 140 160 180 200

Abundance

13.678

600000

400000

200000

0

Time-->

13.60 13.70